

PRODUCT INFORMATION

Description

200 mg/10 mL (20 mg/mL) solution in a single-dose vial

NDC

44087-3535-01

Quantity

One vial per carton

Global Trade Identification Numbers

00344087353513
 20344087353517 (case)

Units Per Case

24

UPC Code

3 44087 35351 3



STORAGE AND HANDLING REQUIREMENTS

Store refrigerated at 36°F-46°F (2°C-8°C) in original package to protect from light.

After preparation, store diluted BAVENCIO (avelumab) solution either:

- At room temperature up to 77°F (25°C) for no more than 4 hours from the time of dilution
- Under refrigeration at 36°F to 46°F (2°C to 8°C) for no more than 24 hours from the time of dilution. If refrigerated, allow the diluted solution to come to room temperature prior to administration

Do not freeze or shake diluted solution.

SUPPLIED AND MARKETED BY

EMD Serono, Inc. and Pfizer Inc.
www.emdserono.com | www.pfizer.com | www.BAVENCIO.com

CUSTOMER SERVICE

1-888-398-4567 or
us.customerservice@emdserono.com.

For information and instructions regarding product ordering or returns, please contact your specialty distributor or Customer Service at 1-888-398-4567.

CHECK MY MEDS™ PROGRAM

At EMD Serono, your safety is our first priority. That's why we created **Check My Meds**, a smartphone application to help you and your patients verify the authenticity of EMD Serono medications.

To learn more, visit http://www.emdserono.com/en/therapies/check_my_meds/check_my_meds.html.

Check My Meds is now available for download on iOS and Android products.

INDICATIONS

BAVENCIO is indicated for the treatment of:

- Adults and pediatric patients 12 years and older with metastatic Merkel cell carcinoma (MCC)
- Patients with locally advanced or metastatic urothelial carcinoma (UC) who have disease progression during or following platinum-containing chemotherapy, or have disease progression within 12 months of neoadjuvant or adjuvant treatment with platinum-containing chemotherapy

These indications are approved under accelerated approval based on tumor response rate and duration of response. Continued approval for these indications may be contingent upon verification and description of clinical benefit in confirmatory trials.

Please see Important Safety Information on page 3 and full Prescribing Information starting on page 4.

PRODUCT INFORMATION

Description

200 mg/10 mL (20 mg/mL) solution in a single-dose vial

NDC

44087-3535-01

Quantity

One vial per carton

Global Trade Identification Numbers

00344087353513
 20344087353517 (case)

Units Per Case

24

UPC Code

3 44087 35351 3



SPECIALTY DISTRIBUTION PARTNERS

For your convenience, we are providing the following list of BAVENCIO distributors:

McKesson Plasma and Biologics

2615 Medical Center Parkway, Ste 1580,
 Murfreesboro, TN 37129
 Phone: 877-625-2566
 Fax: 888-752-7626
 Email: mpborders@mckesson.com
 Online: <https://connect.mckesson.com>
 BAVENCIO item #3638475

McKesson Specialty Health

401 Mason Road, La Vergne, TN 37086
 Phone: 800-482-6700
 Fax: 800-289-9298
 Email: msh-customer@mcckesson.com
 BAVENCIO material #5006810 / BAVENCIO catalog #003-110

ASD Healthcare

3101 Gaylord Parkway, Frisco, TX 75034
 Phone: 800-746-6273 (On Call for Emergency: 365/24/7)
 Fax: 800-547-9413
 Email: asd.customerservice@asdhealthcare.com
 BAVENCIO item #48448

Oncology Supply

2801 Horace Shepard Drive, Dothan, AL 36303
 Phone: 800-633-7555
 Email: customerservice@oncologysupply.com
 BAVENCIO item: #48448

Cardinal Health Specialty Solutions

15 Ingram Boulevard, LaVergne, TN 37086
 Hospitals: 866-677-4844
 Physician office: 866-300-3838
 BAVENCIO order #:
 - Clinic 5307574
 - Acute (hospital) 5325915

Biologics Specialty Pharmacy

11800 Weston Parkway, Cary, NC 27513
 Phone: 1.800.850.4306 – Option 2
 Fax: 1.800.823.4506
 Hours: 8AM-8PM EST Mon-Fri, 24/7 on-call service
www.biologicsinc.com

INDICATIONS

BAVENCIO is indicated for the treatment of:

- Adults and pediatric patients 12 years and older with metastatic Merkel cell carcinoma (MCC)
- Patients with locally advanced or metastatic urothelial carcinoma (UC) who have disease progression during or following platinum-containing chemotherapy, or have disease progression within 12 months of neoadjuvant or adjuvant treatment with platinum-containing chemotherapy

These indications are approved under accelerated approval based on tumor response rate and duration of response. Continued approval for these indications may be contingent upon verification and description of clinical benefit in confirmatory trials.

Please see Important Safety Information on page 3 and full Prescribing Information starting on page 4.

IMPORTANT SAFETY INFORMATION FOR BAVENCIO® (avelumab) Injection 20 mg/mL

BAVENCIO can cause **immune-mediated pneumonitis**, including fatal cases. Monitor patients for signs and symptoms of pneumonitis and evaluate suspected cases with radiographic imaging. Administer corticosteroids for Grade 2 or greater pneumonitis. Withhold BAVENCIO for moderate (Grade 2) and permanently discontinue for severe (Grade 3), life-threatening (Grade 4), or recurrent moderate (Grade 2) pneumonitis. Pneumonitis occurred in 1.2% (21/1738) of patients, including one (0.1%) patient with Grade 5, one (0.1%) with Grade 4, and five (0.3%) with Grade 3.

BAVENCIO can cause **immune-mediated hepatitis**, including fatal cases. Monitor patients for abnormal liver tests prior to and periodically during treatment. Administer corticosteroids for Grade 2 or greater hepatitis. Withhold BAVENCIO for moderate (Grade 2) immune-mediated hepatitis until resolution and permanently discontinue for severe (Grade 3) or life-threatening (Grade 4) immune-mediated hepatitis. Immune-mediated hepatitis was reported in 0.9% (16/1738) of patients, including two (0.1%) patients with Grade 5, and 11 (0.6%) with Grade 3.

BAVENCIO can cause **immune-mediated colitis**. Monitor patients for signs and symptoms of colitis. Administer corticosteroids for Grade 2 or greater colitis. Withhold BAVENCIO until resolution for moderate or severe (Grade 2 or 3) colitis and permanently discontinue for life-threatening (Grade 4) or recurrent (Grade 3) colitis upon re-initiation of BAVENCIO. Immune-mediated colitis occurred in 1.5% (26/1738) of patients, including seven (0.4%) with Grade 3.

BAVENCIO can cause **immune-mediated endocrinopathies**, including adrenal insufficiency, thyroid disorders, and type 1 diabetes mellitus.

Monitor patients for signs and symptoms of **adrenal insufficiency** during and after treatment, and administer corticosteroids as appropriate. Withhold BAVENCIO for severe (Grade 3) or life-threatening (Grade 4) adrenal insufficiency. Adrenal insufficiency was reported in 0.5% (8/1738) of patients, including one (0.1%) with Grade 3.

Thyroid disorders can occur at any time during treatment. Monitor patients for changes in thyroid function at the start of treatment, periodically during treatment, and as indicated based on clinical evaluation. Manage hypothyroidism with hormone replacement therapy and hyperthyroidism with medical management. Withhold BAVENCIO for severe (Grade 3) or life-threatening (Grade 4) thyroid disorders. Thyroid disorders, including hypothyroidism, hyperthyroidism, and thyroiditis, were reported in 6% (98/1738) of patients, including three (0.2%) with Grade 3.

Type 1 diabetes mellitus including diabetic ketoacidosis: Monitor patients for hyperglycemia or other signs and symptoms of diabetes. Withhold BAVENCIO and administer anti-hyperglycemics or insulin in patients with severe or life-threatening (Grade \geq 3) hyperglycemia, and resume treatment when metabolic control is achieved. Type 1 diabetes mellitus without an alternative etiology occurred in 0.1% (2/1738) of patients, including two cases of Grade 3 hyperglycemia.

BAVENCIO can cause **immune-mediated nephritis and renal dysfunction**. Monitor patients for elevated serum creatinine prior to and periodically during treatment. Administer corticosteroids for Grade 2 or greater nephritis. Withhold BAVENCIO for moderate (Grade 2) or severe (Grade 3) nephritis until resolution to Grade 1 or lower. Permanently discontinue BAVENCIO for life-threatening (Grade 4) nephritis. Immune-mediated nephritis occurred in 0.1% (1/1738) of patients.

BAVENCIO can result in **other severe and fatal immune-mediated adverse reactions** involving any organ system during treatment or after treatment discontinuation. For suspected immune-mediated adverse reactions, evaluate to confirm or rule out an immune-mediated adverse reaction and to exclude other causes. Depending on the severity of the adverse reaction, withhold or permanently discontinue BAVENCIO, administer high-dose corticosteroids, and initiate hormone replacement therapy, if appropriate. Resume BAVENCIO when the immune-mediated adverse reaction remains at Grade 1 or lower following a corticosteroid taper. Permanently discontinue BAVENCIO for any severe (Grade 3) immune-mediated adverse reaction that recurs and for any life-threatening (Grade 4) immune-mediated adverse reaction. The following clinically significant immune-mediated adverse reactions occurred in less than 1% of 1738 patients treated with BAVENCIO: myocarditis with fatal cases, myositis, psoriasis, arthritis, exfoliative dermatitis, erythema multiforme, pemphigoid, hypopituitarism, uveitis, Guillain-Barré syndrome, and systemic inflammatory response.

BAVENCIO can cause severe (Grade 3) or life-threatening (Grade 4) **infusion-related reactions**. Patients should be premedicated with an antihistamine and acetaminophen prior to the first 4 infusions and for subsequent doses based upon clinical judgment and presence/severity of prior infusion reactions. Monitor patients for signs and symptoms of infusion-related reactions, including pyrexia, chills, flushing, hypotension, dyspnea, wheezing, back pain, abdominal pain, and urticaria. Interrupt or slow the rate of infusion for mild (Grade 1) or moderate (Grade 2) infusion-related reactions. Permanently discontinue BAVENCIO for severe (Grade 3) or life-threatening (Grade 4) infusion-related reactions. Infusion-related reactions occurred in 25% (439/1738) of patients, including three (0.2%) patients with Grade 4 and nine (0.5%) with Grade 3.

BAVENCIO can cause **fetal harm** when administered to a pregnant woman. Advise patients of the potential risk to a fetus including the risk of fetal death. Advise females of childbearing potential to use effective contraception during treatment with BAVENCIO and for at least 1 month after the last dose of BAVENCIO. It is not known whether BAVENCIO is excreted in human milk. Advise a lactating woman **not to breastfeed** during treatment and for at least 1 month after the last dose of BAVENCIO due to the potential for serious adverse reactions in breastfed infants.

The most common adverse reactions (all grades, \geq 20%) in patients with **metastatic Merkel cell carcinoma (MCC)** were fatigue (50%), musculoskeletal pain (32%), diarrhea (23%), nausea (22%), infusion-related reaction (22%), rash (22%), decreased appetite (20%), and peripheral edema (20%).

Selected treatment-emergent laboratory abnormalities (all grades, \geq 20%) in patients with **metastatic MCC** were lymphopenia (49%), anemia (35%), increased aspartate aminotransferase (34%), thrombocytopenia (27%), and increased alanine aminotransferase (20%).

The most common adverse reactions (all grades, \geq 20%) in patients with **locally advanced or metastatic urothelial carcinoma (UC)** were fatigue (41%), infusion-related reaction (30%), musculoskeletal pain (25%), nausea (24%), decreased appetite/hypophagia (21%), and urinary tract infection (21%).

Selected laboratory abnormalities (Grades 3-4, \geq 3%) in patients with **locally advanced or metastatic UC** were hyponatremia (16%), increased gamma-glutamyltransferase (12%), lymphopenia (11%), hyperglycemia (9%), increased alkaline phosphatase (7%), anemia (6%), increased lipase (6%), hyperkalemia (3%), and increased aspartate aminotransferase (3%).

Please see full Prescribing Information starting on the next page.

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use BAVENCIO safely and effectively. See full prescribing information for BAVENCIO.

BAVENCIO® (avelumab) injection, for intravenous use
Initial U.S. Approval: 2017

RECENT MAJOR CHANGES

Indication and Usage (1.2) 5/2017

INDICATIONS AND USAGE

BAVENCIO is a programmed death ligand-1 (PD-L1) blocking antibody indicated for the treatment of

- Adults and pediatric patients 12 years and older with metastatic Merkel cell carcinoma (MCC). (1.1)

This indication is approved under accelerated approval based on tumor response and duration of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in confirmatory trials. (1.1, 14.1)

- Patients with locally advanced or metastatic urothelial carcinoma (UC) who:
 - Have disease progression during or following platinum-containing chemotherapy (1.2)
 - Have disease progression within 12 months of neoadjuvant or adjuvant treatment with platinum-containing chemotherapy (1.2)

This indication is approved under accelerated approval based on tumor response rate and duration of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in confirmatory trials. (1.2, 14.2)

DOSAGE AND ADMINISTRATION

- Premedicate for the first 4 infusions and subsequently as needed. (2.1)
- Administer 10 mg/kg as an intravenous infusion over 60 minutes every 2 weeks. (2.2)

DOSAGE FORMS AND STRENGTHS

Injection: 200 mg/10 mL (20 mg/mL) solution in single-dose vial. (3)

CONTRAINDICATIONS

None. (4)

WARNINGS AND PRECAUTIONS

- Immune-mediated pneumonitis: Withhold for moderate pneumonitis; permanently discontinue for severe, life-threatening, or recurrent moderate pneumonitis. (5.1)
- Immune-mediated hepatitis: Monitor for changes in liver function. Withhold for moderate hepatitis; permanently discontinue for severe or life-threatening hepatitis. (5.2)
- Immune-mediated colitis: Withhold for moderate or severe colitis; permanently discontinue for life-threatening or recurrent severe colitis. (5.3)
- Immune-mediated endocrinopathies: Withhold for severe or life-threatening endocrinopathies (5.4)
- Immune-mediated nephritis and renal dysfunction: Withhold for moderate or severe nephritis and renal dysfunction; permanently discontinue for life-threatening nephritis or renal dysfunction. (5.5)
- Infusion-related reactions: Interrupt or slow the rate of infusion for mild or moderate infusion-related reactions. Stop the infusion and permanently discontinue BAVENCIO for severe or life-threatening infusion-related reactions. (5.7)
- Embryo-fetal toxicity: BAVENCIO can cause fetal harm. Advise of potential risk to a fetus and use of effective contraception. (5.8, 8.1, 8.3)

ADVERSE REACTIONS

Most common adverse reactions ($\geq 20\%$) in patients with metastatic Merkel cell carcinoma were fatigue, musculoskeletal pain, diarrhea, nausea, infusion-related reaction, rash, decreased appetite, and peripheral edema. (6.1)

Most common adverse reactions ($\geq 20\%$) in patients with locally advanced or metastatic urothelial carcinoma were fatigue, infusion-related reaction, musculoskeletal pain, nausea, decreased appetite, and urinary tract infection. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact EMD Serono at 1-800-283-8088 ext. 5563 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

USE IN SPECIFIC POPULATIONS

Lactation: Advise not to breastfeed. (8.2)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

Revised: 5/2017

FULL PRESCRIBING INFORMATION: CONTENTS*

1 INDICATIONS AND USAGE

- 1.1 Metastatic Merkel Cell Carcinoma
- 1.2 Locally Advanced or Metastatic Urothelial Carcinoma

2 DOSAGE AND ADMINISTRATION

- 2.1 Premedication
- 2.2 Recommended Dosage
- 2.3 Dose Modifications
- 2.4 Preparation and Administration

3 DOSAGE FORMS AND STRENGTHS

4 CONTRAINDICATIONS

5 WARNINGS AND PRECAUTIONS

- 5.1 Immune-Mediated Pneumonitis
- 5.2 Immune-Mediated Hepatitis
- 5.3 Immune-Mediated Colitis
- 5.4 Immune-Mediated Endocrinopathies
- 5.5 Immune-Mediated Nephritis and Renal Dysfunction
- 5.6 Other Immune-Mediated Adverse Reactions
- 5.7 Infusion-Related Reactions
- 5.8 Embryo-Fetal Toxicity

6 ADVERSE REACTIONS

- 6.1 Clinical Trials Experience
- 6.2 Immunogenicity

8 USE IN SPECIFIC POPULATIONS

- 8.1 Pregnancy
- 8.2 Lactation
- 8.3 Females and Males of Reproductive Potential
- 8.4 Pediatric Use
- 8.5 Geriatric Use

10 OVERDOSAGE

11 DESCRIPTION

12 CLINICAL PHARMACOLOGY

- 12.1 Mechanism of Action
- 12.3 Pharmacokinetics

13 NONCLINICAL TOXICOLOGY

- 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
- 13.2 Animal Toxicology and/or Pharmacology

14 CLINICAL STUDIES

- 14.1 Metastatic Merkel Cell Carcinoma
- 14.2 Locally Advanced or Metastatic Urothelial Carcinoma

16 HOW SUPPLIED/STORAGE AND HANDLING

17 PATIENT COUNSELING INFORMATION

*Sections or subsections omitted from the full prescribing information are not listed

FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

1.1 Metastatic Merkel Cell Carcinoma

BAVENCIO (avelumab) is indicated for the treatment of adults and pediatric patients 12 years and older with metastatic Merkel cell carcinoma (MCC).

This indication is approved under accelerated approval based on tumor response and duration of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in confirmatory trials [*see Clinical Studies (14.1)*].

1.2 Locally Advanced or Metastatic Urothelial Carcinoma

BAVENCIO is indicated for the treatment of patients with locally advanced or metastatic urothelial carcinoma (UC) who:

- Have disease progression during or following platinum-containing chemotherapy
- Have disease progression within 12 months of neoadjuvant or adjuvant treatment with platinum-containing chemotherapy

This indication is approved under accelerated approval based on tumor response and duration of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in confirmatory trials [*see Clinical Studies (14.2)*].

2 DOSAGE AND ADMINISTRATION

2.1 Premedication

Premedicate patients with an antihistamine and with acetaminophen prior to the first 4 infusions of BAVENCIO. Premedication should be administered for subsequent BAVENCIO doses based upon clinical judgment and presence/severity of prior infusion reactions [*see Dosage and Administration (2.3) and Warnings and Precautions (5.7)*].

2.2 Recommended Dosage

The recommended dose of BAVENCIO is 10 mg/kg administered as an intravenous infusion over 60 minutes every 2 weeks until disease progression or unacceptable toxicity.

2.3 Dose Modifications

Recommended dose modifications of BAVENCIO for adverse reactions are provided in Table 1. Detailed information regarding clinical and laboratory monitoring guidelines for early detection of adverse reactions of BAVENCIO and recommended management (immunosuppressant treatment guidelines) are described in Warnings and Precautions (5).

Table 1: Recommended Dose Modifications of BAVENCIO for Adverse Reactions

| Treatment-Related Adverse Reaction | Severity of Adverse Reactions* | Dose Modification |
|---|---|---|
| Pneumonitis [<i>see Warnings and Precautions (5.1)</i>] | Grade 2 pneumonitis | Withhold BAVENCIO. Resume BAVENCIO in patients with complete or partial resolution (Grade 0 to 1) of pneumonitis after corticosteroid taper. |
| | Grade 3 or 4 pneumonitis or recurrent Grade 2 pneumonitis | Permanently discontinue. |
| Hepatitis [<i>see Warnings and Precautions (5.2)</i>] | Aspartate aminotransferase (AST)/or alanine aminotransferase (ALT) more than 3 and up to 5 times the upper limit of normal or total bilirubin more than 1.5 and up to 3 times the upper limit of normal | Withhold BAVENCIO. Resume BAVENCIO in patients with complete or partial resolution (Grade 0 to 1) of hepatitis after corticosteroid taper. |
| | AST or ALT more than 5 times the upper limit of normal or total bilirubin more than 3 times the upper limit of normal | Permanently discontinue. |
| Colitis [<i>see Warnings and Precautions (5.3)</i>] | Grade 2 or 3 diarrhea or colitis | Withhold BAVENCIO. Resume BAVENCIO in patients with complete or partial resolution (Grade 0 to 1) of colitis or diarrhea after corticosteroid taper. |
| | Grade 4 diarrhea or colitis or recurrent Grade 3 diarrhea or colitis | Permanently discontinue. |
| Endocrinopathies (including but not limited to hypothyroidism, hyperthyroidism, adrenal insufficiency, hyperglycemia) [<i>see Warnings and Precautions (5.4)</i>] | Grade 3 or 4 | Withhold BAVENCIO. Resume BAVENCIO in patients with complete or partial resolution (Grade 0 to 1) of endocrinopathies after corticosteroid taper. |

| Treatment-Related Adverse Reaction | Severity of Adverse Reactions* | Dose Modification |
|--|--|---|
| Nephritis and Renal Dysfunction [<i>see Warnings and Precautions (5.5)</i>] | Serum creatinine more than 1.5 and up to 6 times the upper limit of normal | Withhold BAVENCIO. Resume BAVENCIO in patients with complete or partial resolution (Grade 0 to 1) of nephritis and renal dysfunction after corticosteroid taper. |
| | Serum creatinine more than 6 times the upper limit of normal | Permanently discontinue. |
| Other immune-mediated adverse reactions (including but not limited to myocarditis, myositis, psoriasis, arthritis, exfoliative dermatitis, erythema multiforme, pemphigoid, hypopituitarism, uveitis, Guillain-Barré syndrome, bullous dermatitis, Stevens Johnson Syndrome (SJS)/toxic epidermal necrolysis (TEN), pancreatitis, rhabdomyolysis, myasthenia gravis, histiocytic necrotizing lymphadenitis, demyelination, vasculitis, hemolytic anemia, hypophysitis, iritis, and encephalitis)** [<i>see Warnings and Precautions (5.6)</i>] | For any of the following: <ul style="list-style-type: none"> • Moderate or severe clinical signs or symptoms of an immune-mediated adverse reaction not described above • Grade 3 or 4 endocrinopathies | Withhold BAVENCIO pending clinical evaluation. Resume BAVENCIO in patients with complete or partial resolution (Grade 0 to 1) of other immune-mediated adverse reactions after corticosteroid taper. |
| | For any of the following: <ul style="list-style-type: none"> • Life-threatening adverse reaction (excluding endocrinopathies) • Recurrent severe immune-mediated adverse reaction • Requirement for 10 mg per day or greater prednisone or equivalent for more than 12 weeks • Persistent Grade 2 or 3 immune-mediate adverse reactions lasting 12 weeks or longer | Permanently discontinue. |
| Infusion-related reaction [<i>see Warnings and Precautions (5.7)</i>] | Grade 1 or 2 | Interrupt or slow the rate of infusion. |
| | Grade 3 or 4 | Permanently discontinue. |

* Toxicity was graded per National Cancer Institute Common Terminology Criteria for Adverse Events. Version 4.0 (NCI CTCAE v4)

** Observed with BAVENCIO or with other anti-PD-1/PD-L1 monoclonal antibodies

2.4 Preparation and Administration

Preparation

- Visually inspect vial for particulate matter and discoloration. BAVENCIO is a clear, colorless to slightly yellow solution. Discard vial if the solution is cloudy, discolored, or contains particulate matter.
- Withdraw the required volume of BAVENCIO from the vial(s) and inject it into a 250 mL infusion bag containing either 0.9% Sodium Chloride Injection or 0.45% Sodium Chloride Injection.
- Gently invert the bag to mix the diluted solution and avoid foaming or excessive shearing.
- Inspect the solution to ensure it is clear, colorless, and free of visible particles.
- Discard any partially used or empty vials.

Storage of diluted BAVENCIO solution

Protect from light.

Store diluted BAVENCIO solution:

- At room temperature up to 77°F (25°C) for no more than 4 hours from the time of dilution.
- Or
- Under refrigeration at 36°F to 46°F (2°C to 8°C) for no more than 24 hours from the time of dilution. If refrigerated, allow the diluted solution to come to room temperature prior to administration.

Do not freeze or shake diluted solution.

Administration

- Administer the diluted solution over 60 minutes through an intravenous line containing a sterile, non-pyrogenic, low protein binding in-line filter (pore size of 0.2 micron).
- Do not co-administer other drugs through the same intravenous line.

3 DOSAGE FORMS AND STRENGTHS

Injection: 200 mg/10 mL (20 mg/mL), clear, colorless to slightly yellow solution in a single-dose vial.

4 CONTRAINDICATIONS

None.

5 WARNINGS AND PRECAUTIONS

5.1 Immune-Mediated Pneumonitis

BAVENCIO can cause immune-mediated pneumonitis, including fatal cases [*see Adverse Reactions (6.1)*]. Monitor patients for signs and symptoms of pneumonitis and evaluate patients with suspected pneumonitis with radiographic imaging. Administer corticosteroids (initial dose of 1 to 2 mg/kg/day prednisone or equivalent, followed by a corticosteroid taper) for Grade 2 or greater pneumonitis. Withhold BAVENCIO for moderate (Grade 2) pneumonitis, and permanently discontinue for severe (Grade 3), life-threatening (Grade 4), or recurrent moderate (Grade 2) pneumonitis [*see Dosage and Administration (2.3)*].

Pneumonitis occurred in 1.2% (21/1738) of patients receiving BAVENCIO including one (0.1%) patient with Grade 5, one (0.1%) with Grade 4, and five (0.3%) with Grade 3 pneumonitis. Immune-mediated pneumonitis led to permanent discontinuation of BAVENCIO in 0.3% (6/1738) of patients. Among the 21 patients with immune-mediated pneumonitis, the median time to onset was 2.5 months (range: 3 days to 11 months) and the median duration of pneumonitis was 7 weeks (range: 4 days to 4+ months). All 21 patients were treated with systemic corticosteroids; 17 (81%) of the 21 patients received high-dose corticosteroids for a median of 8 days (range: 1 day to 2.3 months). Resolution of pneumonitis occurred in 12 (57%) of the 21 patients at the time of data cut-off.

5.2 Immune-Mediated Hepatitis

BAVENCIO can cause immune-mediated hepatitis including fatal cases [*see Adverse Reactions (6.1)*]. Monitor patients for abnormal liver tests prior to and periodically during treatment. Administer corticosteroids (initial dose of 1 to 2 mg/kg/day prednisone or equivalent, followed by a corticosteroid taper) for Grade 2 or greater hepatitis. Withhold BAVENCIO for moderate (Grade 2) immune-mediated hepatitis until resolution and permanently discontinue for severe (Grade 3) or life-threatening (Grade 4) immune-mediated hepatitis [*see Dosage and Administration (2.3)*].

Immune-mediated hepatitis occurred in 0.9% (16/1738) of patients receiving BAVENCIO including two (0.1%) patients with Grade 5 and 11 (0.6 %) patients with Grade 3 immune-mediated hepatitis. Immune-mediated hepatitis led to permanent discontinuation of BAVENCIO in 0.5% (9/1738) of patients. Among the 16 patients with immune-mediated hepatitis, the median time to onset was 3.2 months (range: 1 week to 15 months), and the median duration of hepatitis was 2.5 months (range: 1 day to 7.4+ months). All 16 patients were treated with corticosteroids; 15 (94%) of the 16 patients received high-dose corticosteroids for a median of 14 days (range: 1 day to 2.5 months). Resolution of hepatitis occurred in nine (56%) of the 16 patients at the time of data cut-off.

5.3 Immune-Mediated Colitis

BAVENCIO can cause immune-mediated colitis [*see Adverse Reactions (6.1)*]. Monitor patients for signs and symptoms of colitis. Administer corticosteroids (initial dose of 1 to 2 mg/kg/day prednisone or equivalent followed by a corticosteroid taper) for Grade 2 or greater colitis. Withhold BAVENCIO for moderate or severe (Grade 2 or 3) colitis until resolution. Permanently discontinue BAVENCIO for life-threatening (Grade 4) or for recurrent (Grade 3) colitis upon re-initiation of BAVENCIO [*see Dosage and Administration (2.3)*].

Immune-mediated colitis occurred in 1.5% (26/1738) of patients receiving BAVENCIO including seven (0.4%) patients with Grade 3 colitis. Immune-mediated colitis led to permanent discontinuation of BAVENCIO in 0.5% (9/1738) of patients. Among the 26 patients with immune-mediated colitis, the median time to onset was 2.1 months (range: 2 days to 11 months) and the median duration of colitis was 6 weeks (range: 1 day to 14+ months). All 26 patients were treated with corticosteroids; 15 (58%) of the 26 patients received high-dose corticosteroids for a median of 19 days (range: 1 day to 2.3 months). Resolution of colitis occurred in 18 (70%) of the patients at the time of data cut-off.

5.4 Immune-Mediated Endocrinopathies

BAVENCIO can cause immune-mediated endocrinopathies [*see Adverse Reactions (6.1)*].

Adrenal Insufficiency

Monitor patients for signs and symptoms of adrenal insufficiency during and after treatment. Administer corticosteroids as appropriate for adrenal insufficiency. Withhold BAVENCIO for severe (Grade 3) or life-threatening (Grade 4) adrenal insufficiency [*see Dosage and Administration (2.3)*].

Adrenal insufficiency occurred in 0.5% (8/1738) of patients receiving BAVENCIO including one patient (0.1%) with Grade 3 adrenal insufficiency. Immune-mediated adrenal insufficiency led to permanent discontinuation of BAVENCIO in 0.1% (2/1738) of patients. Among the 8 patients with immune-mediated adrenal insufficiency, the median time to onset was 2.5 months (range: 1 day to 8 months). All eight patients were treated with corticosteroids; four (50%) of the eight patients received high-dose corticosteroids for a median of 1 day (range: 1 day to 24 days).

Thyroid Disorders (Hypothyroidism/Hyperthyroidism)

BAVENCIO can cause immune-mediated thyroid disorders. Thyroid disorders can occur at any time during treatment. Monitor patients for changes in thyroid function at the start of treatment, periodically during treatment, and as indicated based on clinical evaluation. Manage hypothyroidism with hormone-replacement therapy. Initiate medical management for control of hyperthyroidism. Withhold BAVENCIO for severe (Grade 3) or life-threatening (Grade 4) thyroid disorders [*see Dosage and Administration (2.3)*].

Immune-mediated thyroid disorders occurred in 6% (98/1738) of patients receiving BAVENCIO including 3 (0.2%) Grade 3 immune-mediated thyroid disorders. Immune-mediated thyroid disorders led to discontinuation of BAVENCIO in 0.1% (2/1738) of patients. Hypothyroidism occurred in 90 (5%) patients; hyperthyroidism in seven (0.4%) patients; and thyroiditis in four (0.2%) patients treated with BAVENCIO. Among the 98 patients with immune-mediated thyroid

disorders, the median time to onset was 2.8 months (range: 2 weeks to 13 months) and the median duration was not estimable (range: 6 days to more than 26 months). Immune-mediated thyroid disorders resolved in seven (7%) of the 98 patients.

Type 1 Diabetes Mellitus

BAVENCIO can cause type 1 diabetes mellitus, including diabetic ketoacidosis. Monitor patients for hyperglycemia or other signs and symptoms of diabetes. Withhold BAVENCIO and administer anti-hyperglycemics or insulin in patients with severe or life-threatening (Grade ≥ 3) hyperglycemia. Resume treatment with BAVENCIO when metabolic control is achieved on insulin replacement or anti-hyperglycemics [*see Dosage and Administration (2.3)*].

Type 1 diabetes mellitus without an alternative etiology occurred in 0.1% (2/1738) of patients including two cases of Grade 3 hyperglycemia that led to permanent discontinuation of BAVENCIO.

5.5 Immune-Mediated Nephritis and Renal Dysfunction

BAVENCIO can cause immune-mediated nephritis [*see Adverse Reactions (6.1)*]. Monitor patients for elevated serum creatinine prior to and periodically during treatment. Administer corticosteroids (initial dose of 1 to 2 mg/kg/day prednisone or equivalent followed by a corticosteroid taper) for Grade 2 or greater nephritis. Withhold BAVENCIO for moderate (Grade 2) or severe (Grade 3) nephritis until resolution to \leq Grade 1. Permanently discontinue BAVENCIO for life-threatening (Grade 4) nephritis [*see Dosage and Administration (2.3)*].

Immune-mediated nephritis occurred in 0.1% (1/1738) of patients receiving BAVENCIO; BAVENCIO was permanently discontinued in this patient.

5.6 Other Immune-Mediated Adverse Reactions

BAVENCIO can result in severe and fatal immune-mediated adverse reactions [*see Adverse Reactions (6.1)*]. These immune-mediated reactions may involve any organ system. Most immune-mediated reactions initially manifest during treatment with BAVENCIO; however, immune-mediated adverse reactions can occur after discontinuation of BAVENCIO.

For suspected immune-mediated adverse reactions, evaluate to confirm or rule out an immune-mediated adverse reaction and to exclude other causes. Depending upon the severity of the adverse reaction, withhold or permanently discontinue BAVENCIO, administer high dose corticosteroids, and if appropriate, initiate hormone replacement therapy. Upon improvement to Grade 1 or less, initiate corticosteroid taper. Resume BAVENCIO when the immune-mediated adverse reaction remains at Grade 1 or less following corticosteroid taper. Permanently discontinue BAVENCIO for any severe (Grade 3) immune-mediated adverse reaction that recurs and for any life-threatening immune-mediated adverse reaction [*see Dosage and Administration (2.3)*].

The following clinically significant, immune-mediated adverse reactions occurred at an incidence of less than 1% of 1738 patients treated with BAVENCIO for each of the following adverse reactions: immune-mediated myocarditis including fatal cases, immune-mediated myositis, psoriasis, arthritis, exfoliative dermatitis, erythema multiforme, pemphigoid,

hypopituitarism, uveitis, Guillain-Barré syndrome, and systemic inflammatory response. The following clinically significant, immune-mediated adverse reactions have been reported with other products in this class: bullous dermatitis, Stevens Johnson Syndrome (SJS)/toxic epidermal necrolysis (TEN), pancreatitis, rhabdomyolysis, myasthenia gravis, histiocytic necrotizing lymphadenitis, demyelination, vasculitis, hemolytic anemia, hypophysitis, iritis, and encephalitis.

5.7 Infusion-Related Reactions

BAVENCIO can cause severe or life-threatening infusion-related reactions [*see Adverse Reactions (6.1)*]. Premedicate with antihistamine and acetaminophen prior to the first 4 infusions. Monitor patients for signs and symptoms of infusion-related reactions including pyrexia, chills, flushing, hypotension, dyspnea, wheezing, back pain, abdominal pain, and urticaria. Interrupt or slow the rate of infusion for mild or moderate infusion-related reactions. Stop the infusion and permanently discontinue BAVENCIO for severe (Grade 3) or life-threatening (Grade 4) infusion-related reactions [*see Dosage and Administration (2.3)* and *Adverse Reactions (6.1)*].

Infusion-related reactions occurred in 25% (439/1738) of patients treated with BAVENCIO including three (0.2%) Grade 4 and nine (0.5%) Grade 3 infusion-related reactions. Ninety-three percent (1615/1738) of patients received premedication with antihistamine and acetaminophen. Eleven (92%) of the 12 patients with Grade ≥ 3 reactions were treated with intravenous corticosteroids. Fourteen percent of patients (252/1738) had infusion-related reactions that occurred after the BAVENCIO infusion was completed.

5.8 Embryo-Fetal Toxicity

Based on its mechanism of action, BAVENCIO can cause fetal harm when administered to a pregnant woman. Animal studies have demonstrated that inhibition of the PD-1/PD-L1 pathway can lead to increased risk of immune-mediated rejection of the developing fetus resulting in fetal death. If this drug is used during pregnancy, or if the patient becomes pregnant while taking BAVENCIO, inform the patient of the potential risk to a fetus. Advise females of childbearing potential to use effective contraception during treatment with BAVENCIO and for at least one month after the last dose of BAVENCIO [*see Use in Specific Populations (8.1, 8.3)*].

6 ADVERSE REACTIONS

The following adverse reactions are described elsewhere in the label:

- Immune-mediated pneumonitis [*see Warnings and Precautions (5.1)*]
- Immune-mediated hepatitis [*see Warnings and Precautions (5.2)*]
- Immune-mediated colitis [*see Warnings and Precautions (5.3)*]
- Immune-mediated endocrinopathies [*see Warnings and Precautions (5.4)*]
- Immune-mediated nephritis and renal dysfunction [*see Warnings and Precautions (5.5)*]
- Other immune-mediated adverse reactions [*see Warnings and Precautions (5.6)*]
- Infusion-related reactions [*see Warnings and Precautions (5.7)*]

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

The data described in the WARNINGS AND PRECAUTIONS section are based on two trials, in which 1738 patients received BAVENCIO at doses of 10 mg/kg intravenously every two weeks. This included 88 patients with metastatic MCC (JAVELIN Merkel 200 trial) and 242 patients with locally advanced and metastatic UC within the JAVELIN Solid Tumor trial. In the JAVELIN Solid Tumor trial, 1650 patients were treated with BAVENCIO at doses of 10 mg/kg.

The following criteria were used to classify an adverse reaction as immune-mediated: onset within 90 days after last dose of BAVENCIO, no spontaneous resolution within 7 days of onset, treatment with corticosteroids or other immunosuppressant or hormone replacement therapy, biopsy consistent with immune-mediated reaction, and no other clear etiology.

The study population characteristics of the 1738 patients were median age of 64 years (range: 19 to 91 years); 52% male; 78% White, 9% Asian, 5% Black or African American, and 8% other ethnic groups; ECOG performance score of 0 (38%), 1 (62%), or > 1 (0.4%); and the underlying malignancies were non-small cell lung cancer (20%), gastric and gastroesophageal cancer (15%), urothelial cancer (14%), ovarian cancer (13%), metastatic breast cancer (10%), head and neck cancer (9%), metastatic MCC (5%), mesothelioma, renal cell carcinoma, melanoma, adrenocortical carcinoma (3% each), colorectal cancer, castrate-resistant prostate cancer, and unknown (1% each). In this population, 24% of patients were exposed to BAVENCIO for ≥ 6 months and 7% were exposed to BAVENCIO for ≥ 12 months.

Metastatic Merkel Cell Carcinoma

The data described below reflect exposure to BAVENCIO 10 mg/kg intravenously every 2 weeks in 88 patients with metastatic MCC enrolled in the JAVELIN Merkel 200 trial. Patients with any of the following were excluded: autoimmune disease; medical conditions requiring systemic immunosuppression; prior organ or allogeneic stem cell transplantation; prior treatment with anti-PD-1, anti-PD-L1, or anti-CTLA-4 antibodies; central nervous system (CNS) metastases; infection with HIV, hepatitis B, or hepatitis C; or ECOG performance score ≥ 2 .

The median duration of exposure to BAVENCIO was 4 months (range: 2 weeks to 21 months). Forty percent of patients received BAVENCIO for more than 6 months and 14% were treated for more than one year [*see Clinical Studies (14.1)*]. The study population characteristics were: median age of 73 years (range: 33 to 88), 74% male, 92% White, ECOG performance score of 0 (56%) or 1 (44%), and 65% of patients had one prior anti-cancer therapy for metastatic MCC and 35% had two or more prior therapies.

BAVENCIO was permanently discontinued for adverse reactions in six (7%) patients; adverse reactions resulting in permanent discontinuation were ileus, Grade 3 transaminitis, Grade 3 creatine kinase elevation, tubulointerstitial nephritis, and Grade 3 pericardial effusion. BAVENCIO was temporarily discontinued in 21 (24%) patients for adverse events, excluding temporary dose interruption for infusion-related reactions where infusion was restarted the same

day. The most common adverse reaction requiring dose interruption was anemia. Serious adverse reactions that occurred in more than one patient were acute kidney injury, anemia, abdominal pain, ileus, asthenia, and cellulitis. The most common adverse reactions ($\geq 20\%$) were fatigue, musculoskeletal pain, diarrhea, nausea, infusion-related reaction, rash, decreased appetite, and peripheral edema.

Table 2 and Table 3 summarize the incidence of adverse reactions and laboratory abnormalities, respectively, that occurred in patients receiving BAVENCIO.

Table 2: Adverse Reactions in $\geq 10\%$ of Patients Receiving BAVENCIO in the JAVELIN Merkel 200 Trial

| Adverse Reactions | BAVENCIO (N=88) | |
|--|--------------------|----------------|
| | All Grades % | Grade 3-4 % |
| General Disorders | | |
| Fatigue ^a | 50 | 2 |
| Infusion-related reaction ^b | 22 | 0 |
| Peripheral edema ^c | 20 | 0 |
| Musculoskeletal and Connective Tissue Disorders | | |
| Musculoskeletal pain ^d | 32 | 2 |
| Arthralgia | 16 | 1 |
| Gastrointestinal Disorders | | |
| Diarrhea | 23 | 0 |
| Nausea | 22 | 0 |
| Constipation | 17 | 1 |
| Abdominal pain ^e | 16 | 2 |
| Vomiting | 13 | 0 |
| Skin and Subcutaneous Tissue Disorders | | |
| Rash ^f | 22 | 0 |
| Pruritus ^g | 10 | 0 |
| Metabolism and Nutrition Disorders | | |
| Decreased appetite | 20 | 2 |
| Decreased weight | 15 | 0 |
| Respiratory, Thoracic and Mediastinal Disorders | | |
| Cough | 18 | 0 |
| Dyspnea ^h | 11 | 1 |
| Nervous System Disorders | | |
| Dizziness | 14 | 0 |
| Headache | 10 | 0 |
| Vascular Disorders | | |
| Hypertension | 13 | 6 |

^a Fatigue is a composite term that includes fatigue and asthenia

^b Infusion-related reaction is a composite term that includes drug hypersensitivity, hypersensitivity, chills, pyrexia, back pain, and hypotension

- ^c Peripheral edema is a composite term that includes peripheral edema and peripheral swelling
- ^d Musculoskeletal pain is a composite term that includes back pain, myalgia, neck pain, pain in extremity
- ^e Abdominal pain is a composite term that includes abdominal pain and abdominal pain upper
- ^f Rash is a composite term that includes rash maculo-papular, erythema, and dermatitis bullous
- ^g Pruritus is a composite term that includes pruritus and pruritus generalized
- ^h Dyspnea is a composite term that includes dyspnea and dyspnea exertional

Table 3: Selected Treatment-Emergent* Laboratory Abnormalities in Patients Receiving BAVENCIO in the JAVELIN Merkel 200 Trial

| Laboratory Tests | Any Grade (N=88) % | Grade 3-4 (N=88) % |
|--|--------------------------|--------------------------|
| Chemistry | | |
| Increased aspartate aminotransferase (AST) | 34 | 1 |
| Increased alanine aminotransferase (ALT) | 20 | 5 |
| Increased lipase | 14 | 4 |
| Increased amylase | 8 | 1 |
| Increased bilirubin | 6 | 1 |
| Hyperglycemia** | - | 7 |
| Hematology | | |
| Anemia | 35 | 9 |
| Lymphopenia | 49 | 19 |
| Thrombocytopenia | 27 | 1 |
| Neutropenia | 6 | 1 |

* Treatment emergent consists of new onset of laboratory abnormality or worsening of baseline laboratory abnormality

** Hyperglycemia limited to Grade \geq 3 events since fasting measurements were not obtained routinely

Locally Advanced or Metastatic Urothelial Carcinoma

Table 4 describes adverse reactions reported in 242 patients with locally advanced or metastatic UC receiving BAVENCIO at 10 mg/kg every 2 weeks in the UC cohorts of the JAVELIN Solid Tumor trial. Patients received pre-medication with an anti-histamine and acetaminophen prior to each infusion. The median duration of exposure to BAVENCIO was 12 weeks (range: 2 weeks to 92 weeks) [see *Clinical Studies (14.2)*].

Fourteen patients (6%) who were treated with BAVENCIO experienced either pneumonitis, respiratory failure, sepsis/urosepsis, cerebrovascular accident, or gastrointestinal adverse events, which led to death.

BAVENCIO was permanently discontinued for Grade 1-4 adverse reactions in 30 (12%) patients. The adverse reaction that resulted in permanent discontinuation in > 1% of patients was fatigue. BAVENCIO was temporarily discontinued in 29% of patients for adverse reactions, excluding temporary dose interruption for infusion-related reactions where infusion was restarted the same day. The adverse reactions that resulted in temporary discontinuation in > 1% of patients were diarrhea, fatigue, dyspnea, urinary tract infection, and rash.

Grade 1-4 serious adverse reactions were reported in 41% of patients. The most frequent serious adverse reactions reported in $\geq 2\%$ of patients were urinary tract infection/urosepsis, abdominal pain, musculoskeletal pain, creatinine increased/renal failure, dehydration, hematuria/urinary tract hemorrhage, intestinal obstruction/small intestine obstruction, and pyrexia.

The most common Grade 3 and 4 adverse reactions ($\geq 3\%$) were anemia, fatigue, hyponatremia, hypertension urinary tract infection, and musculoskeletal pain.

The most common adverse reactions ($\geq 20\%$) were fatigue, infusion-related reaction, musculoskeletal pain, nausea, decreased appetite, and urinary tract infection.

Eleven (4.5%) patients received an oral prednisone dose equivalent to ≥ 40 mg daily for an immune-mediated adverse reaction [see *Warnings and Precautions (5)*].

Table 4 summarizes the adverse reactions that occurred in at least 10% of patients with locally advanced or metastatic UC receiving BAVENCIO while Table 5 summarizes selected Grade 3-4 laboratory abnormalities that occurred in $\geq 1\%$ of patients treated with BAVENCIO.

Table 4: All Grade Adverse Reactions in $\geq 10\%$ of Patients with Locally Advanced or Metastatic UC in the JAVELIN Solid Tumor Trial

| Adverse Reactions | BAVENCIO (N=242) | |
|---|---------------------|------------------|
| | All Grades (%) | Grade 3-4 (%) |
| Any | 98 | 59 |
| Gastrointestinal Disorders | | |
| Nausea | 24 | 1 |
| Abdominal pain ^a | 19 | 2 |
| Diarrhea | 18 | 2 |
| Constipation | 18 | 1 |
| Vomiting/Retching | 14 | 1 |
| General Disorders and Administration Site Conditions | | |
| Fatigue ^b | 41 | 7 |
| Infusion-related reaction ^c | 30 | 0.4 |
| Peripheral edema ^d | 17 | 0.4 |
| Pyrexia/Temperature increased | 16 | 1 |
| Infections | | |
| Urinary tract infection ^e | 21 | 5 |
| Investigations | | |
| Weight decreased | 19 | 0 |
| Metabolism and Nutrition Disorders | | |
| Decreased appetite/Hypophagia | 21 | 2 |
| Musculoskeletal and Connective Tissue Disorders | | |
| Musculoskeletal pain ^f | 25 | 3 |
| Renal Disorders | | |

| Adverse Reactions | BAVENCIO (N=242) | |
|--|---------------------|------------------|
| | All Grades (%) | Grade 3-4 (%) |
| Creatinine increased/Renal failure ^g | 16 | 3 |
| Respiratory, Thoracic and Mediastinal Disorders | | |
| Dyspnea/Exertional dyspnea | 17 | 2 |
| Cough/Productive cough | 14 | 0 |
| Skin and Subcutaneous Tissue Disorders | | |
| Rash ^h | 15 | 0.4 |
| Pruritus/Generalized pruritus | 10 | 0.4 |
| Vascular Disorders | | |
| Hypertension/Hypertensive crisis | 10 | 5 |

^a Includes abdominal discomfort, abdominal pain upper and lower, and gastrointestinal pain

^b Includes asthenia and malaise

^c Infusion-related reaction is a composite term that includes chills, pyrexia, back pain, flushing, dyspnea, and hypotension

^d Includes edema, generalized edema, and peripheral swelling

^e Includes urosepsis, cystitis, kidney infection, pyuria, and urinary tract infection due to fungus, bacterial, and enterococcus

^f Includes back pain, myalgia, neck pain, and pain in extremity

^g Includes acute kidney injury and glomerular filtration rate decreased

^h Includes dermatitis acneiform, eczema, erythema, erythema multiforme, erythematous, macular, maculopapular, papular, and pruritic rash

Table 5: Selected Laboratory Abnormalities* (Grade 3-4) in $\geq 1\%$ of Patients with Locally Advanced or Metastatic UC Receiving BAVENCIO in the JAVELIN Solid Tumor Trial

| Laboratory Tests | Grade 3-4 (N=242)** % |
|---|-----------------------------|
| Chemistry | |
| Hyponatremia | 16 |
| GGT increased | 12 |
| Hyperglycemia | 9 |
| Increased alkaline phosphatase | 7 |
| Increased lipase | 6 |
| Hyperkalemia | 3 |
| Increased aspartate aminotransferase (AST)*** | 3 |
| Increased creatinine | 2 |
| Increased amylase | 2 |
| Increased bilirubin | 1 |
| Hematology | |
| Lymphopenia | 11 |
| Anemia | 6 |

- * Including Grade 3 and 4 lab abnormalities worsening from and unchanged since baseline.
- ** The number of patients with on study available laboratories varies between 188 and 235.
- *** Increased alanine aminotransferase (ALT) was reported in 0.9% (Grade 3-4) of platinum-pretreated patients with locally advanced or metastatic UC.

6.2 Immunogenicity

As with all therapeutic proteins, there is potential for immunogenicity. The detection of antibody formation is highly dependent on the sensitivity and specificity of the assay. Additionally, the observed incidence of antibody (including neutralizing antibody) positivity in an assay may be influenced by several factors including assay methodology, sample handling, timing of sample collection, concomitant medications, and underlying disease. For these reasons, comparison of the incidence of antibodies to avelumab in the studies described below with the incidence of antibodies in other studies or to other products may be misleading.

Of the 1738 patients treated with BAVENCIO 10 mg/kg as an intravenous infusion every 2 weeks, 1558 were evaluable for treatment-emergent anti-drug antibodies (ADA) and 64 (4.1%) tested positive. The development of treatment-emergent ADA against avelumab did not appear to alter the pharmacokinetic profile or risk of infusion-related reactions.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

Based on its mechanism of action, BAVENCIO can cause fetal harm when administered to a pregnant woman. There are no available data on the use of BAVENCIO in pregnant women [*see Clinical Pharmacology (12.1)*]. Animal studies have demonstrated that inhibition of the PD-1/PD-L1 pathway can lead to increased risk of immune-mediated rejection of the developing fetus resulting in fetal death [*see Data*]. Human IgG1 immunoglobulins (IgG1) are known to cross the placenta. Therefore, BAVENCIO has the potential to be transmitted from the mother to the developing fetus. If this drug is used during pregnancy, or if the patient becomes pregnant while taking this drug, advise the patient of the potential risk to a fetus.

In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively.

Data

Animal Data

Animal reproduction studies have not been conducted with BAVENCIO to evaluate its effect on reproduction and fetal development. A central function of the PD-1/PD-L1 pathway is to preserve pregnancy by maintaining maternal immune tolerance to the fetus. In murine models of pregnancy, blockade of PD-L1 signaling has been shown to disrupt tolerance to the fetus and to result in an increase in fetal loss; therefore, potential risks of administering BAVENCIO during pregnancy include increased rates of abortion or stillbirth. As reported in the literature, there were no malformations related to the blockade of PD-1/PD-L1 signaling in the offspring of these animals; however, immune-mediated disorders occurred in PD-1 and PD-L1 knockout mice. Based on its mechanism of action, fetal exposure to BAVENCIO may increase the risk of developing immune-related disorders or altering the normal immune response.

8.2 Lactation

Risk Summary

There is no information regarding the presence of avelumab in human milk, the effects on the breastfed infant, or the effects on milk production. Since many drugs including antibodies are excreted in human milk, advise a lactating woman not to breastfeed during treatment and for at least one month after the last dose of BAVENCIO due to the potential for serious adverse reactions in breastfed infants.

8.3 Females and Males of Reproductive Potential

Contraception

Based on its mechanism of action, BAVENCIO can cause fetal harm when administered to a pregnant woman [*see Use in Specific Populations (8.1)*]. Advise females of reproductive potential to use effective contraception during treatment with BAVENCIO and for at least 1 month after the last dose of BAVENCIO.

8.4 Pediatric Use

The safety and effectiveness of BAVENCIO have been established in pediatric patients aged 12 years and older for metastatic MCC. Use of BAVENCIO in this age group is supported by evidence from adequate and well-controlled studies of BAVENCIO in adults with additional population pharmacokinetic data demonstrating that age and body weight had no clinically meaningful effect on the steady state exposure of avelumab, that drug exposure is generally similar between adults and pediatric patients age 12 years and older for monoclonal antibodies, and that the course of MCC is sufficiently similar in adult and pediatric patients to allow extrapolation of data in adults to pediatric patients. The recommended dose in pediatric patients 12 years of age or greater is the same as that in adults [*see Dosage and Administration (2.2), Clinical Pharmacology (12.3), and Clinical Studies (14)*].

Safety and effectiveness of BAVENCIO have not been established in pediatric patients less than 12 years of age.

8.5 Geriatric Use

Metastatic Merkel Cell Carcinoma

Clinical studies of BAVENCIO in MCC did not include sufficient numbers of patients aged 65 and over to determine whether they respond differently from younger patients.

Locally Advanced or Metastatic Urothelial Carcinoma

Of the 226 patients with locally advanced or metastatic UC treated with BAVENCIO, 68% were 65 years or over and 29% were 75 years or over. Among patients 65 years or over who were followed for at least 13 weeks, 14% (22/153) responded to BAVENCIO and 58% (89/153) developed a Grade 3-4 adverse reaction. No overall differences in safety or efficacy were reported between elderly patients and younger patients.

10 OVERDOSAGE

No information on BAVENCIO overdosage is available.

11 DESCRIPTION

Avelumab is a programmed death ligand-1 (PD-L1) blocking antibody. Avelumab is a human IgG1 lambda monoclonal antibody that has a molecular weight of approximately 147 kDa.

BAVENCIO (avelumab) Injection for intravenous use is a sterile, preservative-free, non-pyrogenic, clear, colorless to slightly yellow solution. Each single-dose vial contains 200 mg avelumab in 10 mL (20 mg/mL). Each mL contains 20 mg avelumab, D-mannitol (51 mg), glacial acetic acid (0.6 mg), polysorbate 20 (0.5 mg), sodium hydroxide (0.3 mg), and Water for Injection. The pH range of the solution is 5.0 – 5.6.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

PD-L1 may be expressed on tumor cells and tumor-infiltrating immune cells and can contribute to the inhibition of the anti-tumor immune response in the tumor microenvironment. Binding of PD-L1 to the PD-1 and B7.1 receptors found on T cells and antigen presenting cells suppresses cytotoxic T-cell activity, T-cell proliferation, and cytokine production. Avelumab binds PD-L1 and blocks the interaction between PD-L1 and its receptors PD-1 and B7.1. This interaction releases the inhibitory effects of PD-L1 on the immune response resulting in the restoration of immune responses, including anti-tumor immune responses. Avelumab has also been shown to induce antibody-dependent cell-mediated cytotoxicity (ADCC) in vitro. In syngeneic mouse tumor models, blocking PD-L1 activity resulted in decreased tumor growth.

12.3 Pharmacokinetics

The pharmacokinetics of avelumab was studied in 1629 patients who received doses ranging from 1 to 20 mg/kg every 2 weeks. The data showed that the exposure of avelumab increased dose-proportionally in the dose range of 10 to 20 mg/kg every 2 weeks. Steady-state concentrations of avelumab were reached after approximately 4 to 6 weeks (2 to 3 cycles) of repeated dosing, and the systemic accumulation was approximately 1.25-fold.

Distribution

The geometric mean volume of distribution at steady state for a subject receiving 10 mg/kg was 4.72 L.

Elimination

The primary elimination mechanism of avelumab is proteolytic degradation. Based on population pharmacokinetic analyses in patients with solid tumors, the total systemic clearance was 0.59 L/day and the terminal half-life was 6.1 days in patients receiving 10 mg/kg. In a post hoc analysis, avelumab clearance was found to decrease over time in patients with MCC, with a mean maximal reduction (% coefficient of variation [CV%]) from baseline value of approximately 41.7% (40.0%), which is not considered clinically important. There was no evidence to suggest a change of avelumab clearance over time in patients with UC.

Specific Populations

Body weight was positively correlated with total systemic clearance in population pharmacokinetic analyses. No clinically meaningful differences in pharmacokinetics were observed in the clearance of avelumab based on age; sex; race; PD-L1 status; tumor burden; mild [calculated creatinine clearance (CLcr) 60 to 89 mL/min, n=623 as estimated by the Cockcroft-Gault formula], moderate [CLcr 30 to 59 mL/min, n=320], or severe [CLcr 15 to 29 mL/min, n=4] renal impairment; and mild [bilirubin less than or equal to ULN and AST greater than ULN or bilirubin between 1 and 1.5 times ULN, n=217] or moderate [bilirubin between 1.5 and 3 times ULN, n=4] hepatic impairment. There are limited data from patients with severe hepatic impairment [bilirubin greater than 3 times ULN, n=1], and the effect of severe hepatic impairment on the pharmacokinetics of avelumab is unknown.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

No studies have been conducted to assess the potential of avelumab for genotoxicity or carcinogenicity.

Fertility studies have not been conducted with avelumab; however, an assessment of male and female reproductive organs was included in 3-month repeat-dose toxicity study in Cynomolgus monkeys. Weekly administration of avelumab did not result in any notable effects in the male and female reproductive organs.

13.2 Animal Toxicology and/or Pharmacology

In animal models, inhibition of PD-L1/PD-1 signaling increased the severity of some infections and enhanced inflammatory responses. *M. tuberculosis*-infected PD-1 knockout mice exhibit markedly decreased survival compared with wild-type controls, which correlated with increased bacterial proliferation and inflammatory responses in these animals. PD-L1 and PD-1 knockout mice and mice receiving PD-L1 blocking antibody have also shown decreased survival following infection with lymphocytic choriomeningitis virus.

14 CLINICAL STUDIES

14.1 Metastatic Merkel Cell Carcinoma

The efficacy and safety of BAVENCIO was demonstrated in the JAVELIN Merkel 200 trial (NCT02155647), an open-label, single-arm, multi-center study conducted in patients with histologically confirmed metastatic MCC whose disease had progressed on or after chemotherapy administered for distant metastatic disease. The trial excluded patients with autoimmune disease; medical conditions requiring systemic immunosuppression; prior organ or allogeneic stem cell transplantation; prior treatment with anti-PD-1, anti-PD-L1, or anti-CTLA-4 antibodies; CNS metastases; infection with HIV, hepatitis B, or hepatitis C; or ECOG performance score ≥ 2 .

Patients received BAVENCIO 10 mg/kg as an intravenous infusion over 60 minutes every 2 weeks until disease progression or unacceptable toxicity. Patients with radiological disease progression not associated with significant clinical deterioration, defined as no new or worsening symptoms, no change in performance status for greater than 2 weeks, and no need for salvage therapy, could continue treatment. Tumor response assessments were performed every 6 weeks. The major efficacy outcome measures were confirmed overall response rate (ORR) according to Response Evaluation Criteria in Solid Tumors (RECIST) v1.1 as assessed by a blinded independent central review committee (IRC) and IRC-assessed duration of response. The efficacy analysis was conducted when the last patient enrolled had completed 12 months of follow-up.

A total of 88 patients were enrolled. Baseline patient characteristics were a median age of 73 years (range: 33 to 88), 74% of patients were male, 92% were White, and the ECOG performance score was 0 (56%) or 1 (44%). Seventy-five percent of patients were 65 years or older, 35% were 75 or older, and 3% were 85 or older. Sixty-five percent of patients were reported to have had one prior anti-cancer therapy for metastatic MCC and 35% had two or more prior therapies. Fifty-three percent of patients had visceral metastases. All patients had tumor samples evaluated for PD-L1 expression; of these, 66% were PD-L1-positive ($\geq 1\%$ of tumor cells), 18% were PD-L1 negative, and 16% had non-evaluable results by an investigational immunohistochemistry assay. Archival tumor samples were evaluated for Merkel cell polyomavirus (MCV) using an investigational assay; of the 77 patients with evaluable results, 52% had evidence of MCV.

Efficacy results are presented in Table 6. Responses were observed in patients regardless of tumor PD-L1 expression or presence of MCV.

Table 6: Efficacy Results of the JAVELIN Merkel 200 Trial

| Efficacy Endpoints | Results (N=88) |
|---------------------------------------|---------------------------|
| Overall Response Rate (ORR) | |
| Overall response rate, (95% CI) | 33.0% (23.3%, 43.8%) |
| Complete response (CR) rate, (95% CI) | 11.4% (6.6%, 19.9%) |
| Partial response (PR) rate, (95% CI) | 21.6% (13.5%, 31.7%) |
| Duration of Response (DOR) | N=29 |
| Range in months | 2.8 to 23.3+ |
| Patients with DOR ≥ 6 months, n (%) | 25 (86%) |
| Patients with DOR ≥ 12 months, n (%) | 13 (45%) |

CI: Confidence interval

14.2 Locally Advanced or Metastatic Urothelial Carcinoma

The efficacy and safety of BAVENCIO was demonstrated in the UC cohorts of the JAVELIN Solid Tumor trial, an open-label, single-arm, multi-center study that included 242 patients with locally advanced or metastatic urothelial carcinoma (UC) with disease progression on or after platinum-containing chemotherapy or who had disease progression within 12 months of treatment with a platinum-containing neoadjuvant or adjuvant chemotherapy regimen. Patients with active or history of central nervous system metastasis; other malignancies within the last 5 years; organ transplant; conditions requiring therapeutic immune suppression; or active infection with HIV, hepatitis B, or hepatitis C were excluded. Patients with autoimmune disease, other than type 1 diabetes, vitiligo, psoriasis, or thyroid disease that did not require immunosuppressive treatment, were excluded. Patients were included regardless of their PD-L1 status.

Patients received BAVENCIO at a dose of 10 mg/kg intravenously every 2 weeks until radiographic or clinical progression or unacceptable toxicity. Tumor response assessments were performed every 6 weeks. Efficacy outcome measures included confirmed overall response rate (ORR), as assessed by an Independent Endpoint Review Committee (IERC) using Response Evaluation Criteria in Solid Tumors (RECIST) v1.1, and duration of response (DOR). Efficacy was evaluated in patients who were followed for a minimum of both 13 weeks and 6 months at the time of data cut-off.

Baseline demographic and disease characteristics for the 226 patients with a minimum of 13 weeks of follow-up were median age 68 years (range: 30 to 89), 72% male, 80% White, and 34% and 66% of patients had an ECOG performance status 0 and 1, respectively. Forty-four percent of patients had non-bladder urothelial carcinoma including 23% of patients with upper tract disease, and 83% of patients had visceral metastases (baseline target and/or non-target lesions present outside of the lymph nodes). Nine (4%) patients had disease progression following prior platinum-containing neoadjuvant or adjuvant therapy only. Forty-seven percent of patients only received prior cisplatin-based regimens, 32% received only prior carboplatin-based regimens, and 20% received both cisplatin and carboplatin-based regimens. At baseline, 17% of patients had a hemoglobin < 10 g/dL and 34% of patients had liver metastases.

Efficacy results are presented in Table 7. The median time to response was 2.0 months (range: 1.3 to 11.0) among patients followed for either ≥ 13 weeks or ≥ 6 months. Using a clinical trial assay to assess PD-L1 staining, with 16% of patients not evaluable, there were no clear differences in response rates based on PD-L1 tumor expression. Among the total 30 responding patients followed for ≥ 13 weeks, 22 patients (73%) had an ongoing response of 6 months or longer and 4 patients (13%) had ongoing responses of 12 months or longer. Among the total 26 responding patients followed for ≥ 6 months, 22 patients (85%) had ongoing responses of 6 months or longer and 4 patients (15%) had ongoing responses of 12 months or longer.

Table 7: Efficacy Results of the UC Cohorts in the JAVELIN Solid Tumor Trial

| Efficacy Endpoints | ≥ 13 Weeks Follow-Up (N=226) | ≥ 6 Months Follow-Up (N=161) |
|--|---|---|
| Confirmed Overall Response Rate (ORR) | | |
| Overall Response Rate n (%) (95% CI) | 30 (13.3%) (9.1, 18.4) | 26 (16.1%) (10.8, 22.8) |
| Complete Response (CR) n (%) | 9 (4.0%) | 9 (5.6%) |
| Partial Response (PR) n (%) | 21 (9.3%) | 17 (10.6%) |
| Duration of Response (DOR) | | |
| Median, months (range) | NE (1.4+ to 17.4+) | NE (1.4+ to 17.4+) |

CI: Confidence interval; NE: Not estimable; + denotes a censored value

16 HOW SUPPLIED/STORAGE AND HANDLING

BAVENCIO (avelumab) Injection is a sterile, preservative-free, and clear, colorless to slightly yellow solution for intravenous infusion supplied as a single-dose vial of 200 mg/10 mL (20 mg/mL), individually packed into a carton (NDC 44087-3535-1).

Store refrigerated at 36°F to 46°F (2°C to 8°C) in original package to protect from light.

Do not freeze or shake the vial.

The vial stopper is not made with natural rubber latex.

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Medication Guide).

Immune-Mediated Adverse Reactions

Inform patients of the risk of immune-mediated adverse reactions requiring corticosteroids or hormone replacement therapy, including, but not limited to:

- Pneumonitis: Advise patients to contact their healthcare provider immediately for new or worsening cough, chest pain, or shortness of breath [*see Warnings and Precautions (5.1)*].

- Hepatitis: Advise patients to contact their healthcare provider immediately for jaundice, severe nausea or vomiting, pain on the right side of abdomen, lethargy, or easy bruising or bleeding [*see Warnings and Precautions (5.2)*].
- Colitis: Advise patients to contact their healthcare provider immediately for diarrhea or severe abdominal pain [*see Warnings and Precautions (5.3)*].
- Endocrinopathies: Advise patients to contact their healthcare provider immediately for signs or symptoms of adrenal insufficiency, hypothyroidism, hyperthyroidism, and diabetes mellitus [*see Warnings and Precautions (5.4)*].
- Nephritis and Renal Dysfunction: Advise patients to contact their healthcare provider immediately for signs or symptoms of nephritis including decreased urine output, blood in urine, swelling in ankles, loss of appetite, and any other symptoms of renal dysfunction [*see Warnings and Precautions (5.5)*].

Infusion-Related Reactions

Advise patients to contact their healthcare provider immediately for signs or symptoms of potential infusion-related reactions [*see Warnings and Precautions (5.7)*].

Embryo-Fetal Toxicity

Advise females of reproductive potential that BAVENCIO can cause fetal harm. Instruct females of reproductive potential to use highly effective contraception during and for at least one month after the last dose of BAVENCIO [*see Warnings and Precautions (5.8) and Use in Specific Populations (8.1, 8.3)*].

Lactation

Advise nursing mothers not to breastfeed while taking BAVENCIO and for at least one month after the final dose [*see Use in Specific Populations (8.2)*].

Manufacturer:
EMD Serono, Inc.
Rockland, MA 02370
U.S.A.

Marketed by:
EMD Serono, Inc. and Pfizer Inc., NY, NY 10017

US License No: 1773

BAVENCIO is a trademark of Merck KGaA,
Darmstadt, Germany

Product of Switzerland

MEDICATION GUIDE
BAVENCIO® (buh-VEN-see-oh)
(avelumab)
injection

What is the most important information I should know about BAVENCIO?

BAVENCIO is a medicine that may treat your type of skin cancer (Merkel cell carcinoma) or a cancer in the bladder or urinary tract by working with your immune system. BAVENCIO can cause your immune system to attack normal organs and tissues in many areas of your body and can affect the way they work. These problems can sometimes become serious or life-threatening and can lead to death.

Call or see your healthcare provider right away if you get any symptoms of the following problems or these symptoms get worse:

Lung problems (pneumonitis). Signs and symptoms of pneumonitis may include:

- new or worsening cough
- shortness of breath
- chest pain

Liver problems (hepatitis). Signs and symptoms of hepatitis may include:

- yellowing of your skin or the whites of your eyes
- severe nausea or vomiting
- pain on the right side of your stomach area (abdomen)
- drowsiness
- dark urine (tea colored)
- bleeding or bruising more easily than normal
- feeling less hungry than usual

Intestinal problems (colitis). Signs and symptoms of colitis may include:

- diarrhea (loose stools) or more bowel movements than usual
- blood in your stools or dark, tarry, sticky stools
- severe stomach area (abdomen) pain or tenderness

Hormone gland problems (especially the thyroid, adrenal glands and pancreas). Signs and symptoms that your hormone glands are not working properly may include:

- rapid heart beat
- increased sweating
- extreme tiredness
- weight gain or weight loss
- feeling more hungry or thirsty than usual
- hair loss
- changes in mood or behavior, such as irritability or forgetfulness
- feeling cold
- constipation
- your voice gets deeper
- very low blood pressure
- urinating more often than usual
- dizziness or fainting
- nausea or vomiting
- stomach area (abdomen) pain

Kidney problems, including nephritis. Signs and symptoms of kidney problems may include:

- urinate less than usual
- blood in your urine
- swelling in your ankles
- loss of appetite

Problems in other organs. Signs and symptoms may include:

- severe muscle weakness
- severe or persistent muscle or joint pains
- chest pain and tightness
- trouble breathing
- skin rash, blisters or peeling
- changes in heartbeat, such as beating fast, or seeming to skip a beat, or pounding sensation
- tiredness, sleepiness
- swelling of the feet and legs
- dizziness or fainting
- fever, flu like symptoms
- changes in eyesight

Severe infusion reactions. Signs and symptoms of severe infusion reactions may include:

- chills or shaking
- hives
- flushing
- shortness of breath or wheezing
- low blood pressure
- fever
- back pain
- abdominal pain

Getting medical treatment right away may help keep these problems from becoming more serious.

Your healthcare provider will check you for these problems during your treatment with BAVENCIO. Your healthcare provider may treat you with corticosteroid or hormone replacement medicines. Your healthcare provider may delay or completely stop treatment with BAVENCIO if you have severe side effects.

What is BAVENCIO?

BAVENCIO is a prescription medicine used to treat:

- a type of skin cancer called Merkel cell carcinoma. BAVENCIO may be used when your skin cancer has spread.
- a type of cancer in the bladder or urinary tract called urothelial cancer. BAVENCIO may be used when your cancer:
 - has spread or cannot be removed by surgery (advanced urothelial cancer), **and**
 - you have received chemotherapy that contains a platinum-containing drug and it did not work or is no longer working.

It is not known if BAVENCIO is safe and effective in children under the age of 12.

Before you receive BAVENCIO, tell your healthcare provider about all of your medical conditions, including if you:

- have immune system problems such as Crohn’s disease or ulcerative colitis
- have had an organ transplant
- have lung or breathing problems
- have liver or kidney problems
- have diabetes
- are pregnant or plan to become pregnant. BAVENCIO can harm your unborn baby. If you are able to become pregnant, you should use an effective method of birth control during your treatment and for at least 1 month after the last dose of BAVENCIO.
- are breastfeeding or plan to breastfeed. It is not known if BAVENCIO passes into your breast milk. Do not breastfeed during treatment and for at least 1 month after the last dose of BAVENCIO.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.

How will I receive BAVENCIO?

- Your healthcare provider will give you BAVENCIO into your vein through an intravenous (IV) line over 60 minutes.
- BAVENCIO is usually given every 2 weeks.
- Your healthcare provider will give you medicines before the first 4 infusions and subsequently as needed to help reduce infusion reactions.
- Your healthcare provider will decide how many treatments you need.
- Your healthcare provider will do blood tests to check you for certain side effects.
- If you miss any appointments, call your healthcare provider as soon as possible to reschedule your appointment.

What are the possible side effects of BAVENCIO?

BAVENCIO can cause serious side effects, including:

- **See “What is the most important information I should know about BAVENCIO?”**

The most common side effects of BAVENCIO in people with skin cancer (Merkel cell carcinoma) include:

- feeling tired
- swelling in your hands, feet, or ankles

- muscle and bone pain
- diarrhea
- nausea
- decreased appetite
- skin rash
- infusion-related reaction

The most common side effects of BAVENCIO in people with cancer in the bladder or urinary tract include:

- feeling tired
- infusion-related reaction
- muscle and bone pain
- nausea
- decreased appetite
- urinary tract infection

These are not all the possible side effects of BAVENCIO. Ask your healthcare provider or pharmacist for more information.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

General information about the safe and effective use of BAVENCIO

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. If you would like more information about BAVENCIO, talk with your healthcare provider. You can ask your healthcare provider for information about BAVENCIO that is written for health professionals.

What are the ingredients in BAVENCIO?

Active ingredient: avelumab

Inactive ingredients: D-mannitol, glacial acetic acid, polysorbate 20, sodium hydroxide, water for injection

Manufacturer: EMD Serono, Inc. One Technology Place, Rockland, MA 02370 USA, U.S. License No. 1773.

Marketed by: EMD Serono, Inc. and Pfizer Inc., NY, NY 10017 USA.

BAVENCIO is a trademark of Merck KGaA, Darmstadt, Germany. For more information, call toll-free 1-844-826-8371 or go to www.bavencio.com.

This Medication Guide has been approved by the U.S. Food and Drug Administration.

Issued: 5/2017