BRAVECTO® QUANTUM
(fluralaner for extended-release injectable suspension)

SIMPLE STEPS FOR CORRECT DOSING

WEIGHT-BASED DOSING CHART

GUIDE TO BODY WEIGHT SPECIFIC DOSE VOLUMES

All dogs should be dosed at 0.1 mL suspension/kg body weight (0.045 mL/lb).

BODY WEIGHT (LB)	BODY WEIGHT (KG)	DOSE VOLUME (ML)
2.2 lb	1 kg	**0.1 mL**
11 lb	5 kg	**0.5 mL**
22 lb	10 kg	**1.0 mL**
33 lb	15 kg	**1.5 mL**
44 lb	20 kg	**2.0 mL**
55 lb	25 kg	**2.5 mL**
66 lb	30 kg	**3.0 mL**
77 lb	35 kg	**3.5 mL**
88 lb	40 kg	**4.0 mL**
99 lb	45 kg	**4.5 mL**
110 lb	50 kg	**5.0 mL**
121 lb	55 kg	**5.5 mL**
132 lb	60 kg	**6.0 mL**

BRAVECTO® QUANTUM HAS BEEN SAFELY ADMINISTERED IN NUMEROUS CLINICAL STUDIES to dogs of various ages, weights, and breeds, including mixed-breeds.[1]

HOW TO MIX BRAVECTO QUANTUM

To ensure proper preparation, follow the step-by-step mixing instructions carefully.

MIXING AND CONSTITUTION INSTRUCTIONS

Packaging contents
Packaging includes vehicle vial, fluralaner powder vial, 25 G vent needle, and package leaflet.

SCAN CODE FOR A QUICK HOW-TO-MIX VIDEO GUIDE

MIXING

Step 1
Shake the fluralaner powder vial to break up any aggregates before constitution.

Step 2
Invert the vehicle vial at least 3 times until visibly uniform; it should be a clear to opaque viscous solution.

Step 3
Remove purple cap from the vehicle vial. Use the 18 G needle and 20 mL syringe to inject 14 mL of air and then withdraw 15 mL of vehicle. There is more vehicle supplied in the vial than required for constitution.

Step 4
Remove red cap from the fluralaner powder vial and insert a 25 G vent needle.

Step 5
While rotating the vial horizontally in your hand, slowly transfer the vehicle into the fluralaner powder vial to ensure complete wetting of the powder.

Step 6
After adding the vehicle, remove and discard the vent and transfer needles.

Step 7
Shake the vial vigorously for at least 30 seconds to mix thoroughly.

ADMINISTRATION AND STORAGE

1. Before each use, shake vigorously for at least 30 seconds to ensure a uniform suspension.
2. Using an 18 G needle and appropriately sized syringe,* draw up the calculated dose. Once drawn into the administration syringe, the product must be administered within 2 minutes.
3. Administer a single subcutaneous injection at 0.1 mL/kg body weight (0.045 mL/lb).
4. Inject the product subcutaneously in the dorsoscapular region.
5. Store below 30 °C (86 °F) for up to 3 months after first puncture. No refrigeration is required.
6. Discard vial after 20 punctures or if stored longer than 3 months.

*Select an 18 G beveled, siliconized needle for constitution and injection and avoid reuse.

DESCRIPTION:
BRAVECTO® QUANTUM is an extended-release injectable suspension containing fluralaner. It comes in two vials that must be mixed before administration—one vial contains fluralaner powder, and the other contains a sterile vehicle.

INDICATIONS:
BRAVECTO QUANTUM kills adult fleas and is used for treating and preventing flea (*Ctenocephalides felis*) and tick infestations for 12 months in dogs and puppies 6 months and older. It also controls lone star ticks (*Amblyomma americanum*) for 8 months in the same age group.

DOSAGE AND ADMINISTRATION:
Administer BRAVECTO QUANTUM as a single subcutaneous dose every 12 months, or every 8 months for potential exposure to *Amblyomma americanum* ticks. The recommended dose is 0.1 mL/kg body weight (0.045 mL/lb), delivering 15 mg fluralaner/kg (6.8 mg/lb). Weigh the dog before dosing to ensure accuracy.

CONTRAINDICATIONS:
There are no known contraindications for the use of the product.

USER SAFETY WARNINGS:
Accidental Self-Injection: Seek medical advice immediately and show the package insert to the physician.
Skin Contact: Wash the area with water for at least 15 minutes.
If redness or swelling occurs, seek medical advice.
Eye Exposure: Rinse eyes with water for at least 15 minutes.
If wearing contacts, remove them and continue rinsing.
If redness or swelling occurs, seek medical advice.

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EXPERIENCE EASY, YEAR-ROUND PROTECTION WITH BRAVECTO QUANTUM.

For technical information or to report an adverse event, please contact Merck Animal Health at 1-800-224-5318 or www.merck-animal-health-usa.com

IMPORTANT SAFETY INFORMATION:

BRAVECTO QUANTUM (fluralaner for extended-release injectable suspension) for Dogs: The most commonly reported adverse reactions in a US field study included lethargy, decreased appetite, vomiting, diarrhea, elevated liver enzymes and pruritus. **BRAVECTO QUANTUM** is not effective against lone star ticks beyond 8 months of dosing. Fluralaner is a member of the isoxazoline class. This class has been associated with neurologic adverse reactions including tremors, ataxia, and seizures. Seizures have been reported in dogs receiving isoxazoline class drugs, even in dogs without a history of seizures. Use with caution in dogs with a history of seizures or neurologic disorders. The safety of **BRAVECTO QUANTUM** has not been evaluated in breeding, pregnant and lactating dogs. In some cases, adverse events have been reported following use of **BRAVECTO (fluralaner) Chews** in breeding females. For use in dogs and puppies 6 months of age and older.

Reference: 1. Freedom of Information Summary, NADA 141-599.

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