

Product Name : Selamectin (b)

Synonyms : Selamectin; Revolution; Stronghold

Cat No. : M18249

CAS Number : 220119-17-5

Molecular Formula : C₄₃H₆₃NO₁₁

Formula Weight : 769.96

Chemical Name : A name could not be generated for this structure.

Description : Selamectin is a topical parasiticide and anthelmintic used on dogs and cats. It treats and prevents infections of heartworms, fleas, ear mites, sarcoptic mange (scabies), and certain types of ticks in dogs, and prevents heartworms, fleas, ear mites, hookworms, and roundworms in cats.

Pathway : Apoptosis

Target : Caspase

Receptor : Others

Solubility : DMSO : 100 mg/mL 129.88 mM;

SMILES : C/C1=C/C[C@@H]2C[C@H](OC(=O)[C@H]3[C@@H]4/C=C/C=C/[C@H]([C@H]1O[C@H]1C[C@H](OC)[C@@H](O)[C@H](C)O1)C)CO[C@@H]4/C(=N.O)/C(=C3)CO[C@H]1(C[C@H](C)[C@@H](C3CCCC3)O1)O2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Holden-Dye, L., et al. Anthelmintic drugs and nematocides: Studies in *Caenorhabditis elegans*. WormBook 16, (2014).

