Avermectin B1b Antibiotic

PRODUCT OVERVIEW

Product Name	Avermectin B1b, Antibiotic
Full Product Name	Avermectin B1b (Antibiotic C 076B1b)
Host	Streptomyces avermitilis
Purity/Purification	Highly Purified >99% by HPLC
Preparation and Storage	-20 degree C
Molecular Weight	859.1
CAS Number	65195-56-4
Molecular Formula	C47H70O14
Solubility	Soluble in ethanol, methanol, DMF or DMSO.
Product Categories/Family for Avermectin B1b antibiotic	Biochemicals; Biochem-Antibiotics
Related Product Information for Avermectin B1b antibiotic	MBS651292 is an antibiotic targeting Avermectin B1b. Also known as Avermectin B1b (Antibiotic C 076B1b). Host: Streptomyces avermitilis. Avermectin B1b is the minor component (<20%) of the commerically available anthelmintic marketed as Abamectin(R) used to control parasitic nematodes in livestock. Avermectin B1b contains a isopropyl residue in the 24-position. In vitro and in vivo studies have shown this analogue to be active but less potent than the B1a analogue
Other Notes	Small volumes of Avermectin B1b antibiotic vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/antibiotic/avermectin-b1b/651292