

Alamethicin

Art. ID	TRC-A470700-10MG
Unit	10 mg
Deliverydetails	De Minimis UN3462 III E1

Description

Category: Aromatics, Peptides, Pharmaceuticals, Intermediates and Fine Chemicals /// Appearance: Off-White to Brown Solid /// Application Notes: Alamethicin is a peptide antibiotic, produced by the fungus *Trichoderma viride*. Alamethicin contains the non-proteinogenic amino acid 2-aminoisobutyric acid (Aib), which strongly induces helical peptide structures. In cell membranes, it forms voltage-dependent ion channels by aggregation of four to six molecules. /// References: Afonin, S., et al.: *Chembiochem.*, 4, 1151 (2003), Henriques, S., et al.: *Biochem. J.*, 399, 1 (2006), Almeida, P., et al.: *Biochemistry*, 48, 8083 (2009), Heitz, F., et al.: *Br. J. Pharmacol.*, 157, 195 (2009)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Alamethicin from <i>Trichoderma viride</i>	[27061-78-5]				