

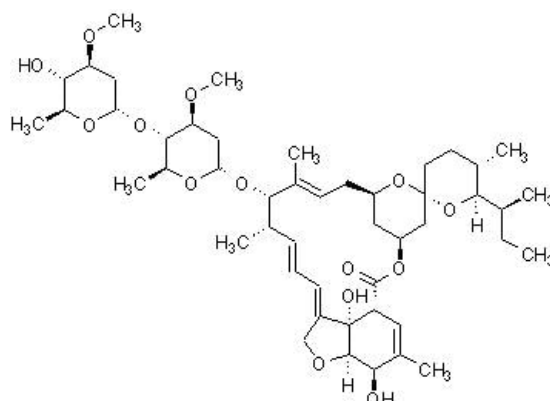
Product datasheet

Ivermectin, Positive allosteric modulator of $\alpha 7$ nicotinic acetylcholine receptors ab141813

[1 References](#) [1 Image](#)

Overview

Product name	Ivermectin, Positive allosteric modulator of $\alpha 7$ nicotinic acetylcholine receptors
Description	Positive allosteric modulator of $\alpha 7$ nicotinic acetylcholine receptors
Purity	> 96%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 2721 Ivermectin. 2721-250 is the same size as the 250 mg size of ab141813.
CAS Number	70288-86-7
Chemical structure	



Properties

Chemical name	22,23-Dihydroavermectin B1a
Molecular weight	875.09
Molecular formula	C ₄₈ H ₇₄ O ₁₄
PubChem identifier	6440492
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 50 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and

prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Toxic, refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

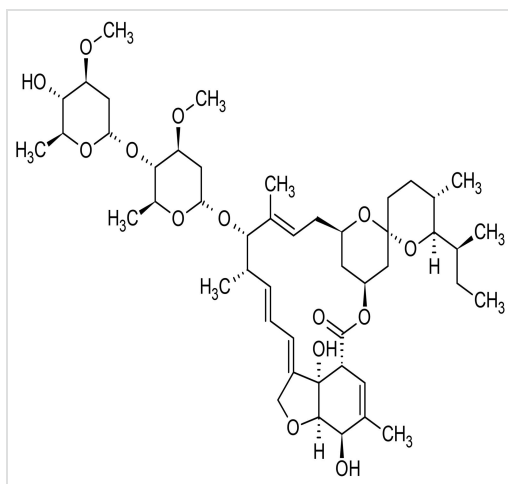
SMILES

CCC(C)C1C(CCC2(O1)CC3CC(O2)CC=C(C(C(C=CC=C4COC5C4(C(C=C(C5O)C)C(=O)O3)O)C)OC6CC(C(C(O6)C)OC7CC(C(C(O7)C)O)OC)OC)C

Source

Synthetic

Images



2D chemical structure image of ab141813, Ivermectin, Positive allosteric modulator of alpha7 nicotinic acetylcholine receptors

Chemical Structure - Ivermectin, Positive allosteric modulator of alpha7 nicotinic acetylcholine receptors (ab141813)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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