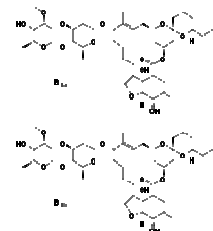


Product Data Sheet

Cat # ABT-280-01	Ivermectin (Pharma Grade)	Size: 1 g
Cat # ABT-280-10	Ivermectin (Pharma Grade)	Size: 10 g & (Bulk, custom)

**General Information**

Ivermectin (22,23-dihydroavermectin B1a + 22,23-dihydroavermectin B1b) is a broad-spectrum antiparasitic medication. It is sold under brand names Stromectol in the United States, Mectizan in Canada by Merck and Ivexterm in Mexico by Valeant Pharmaceuticals International. Ivermectin is a broad-spectrum antiparasitic agent. It is traditionally used against worms. It is mainly used in humans in the treatment of onchocerciasis, but is also effective against other worm infestations (such as strongyloidiasis, ascariasis, trichuriasis, filariasis and enterobiasis).



**Mol Formula:**  
(C<sub>48</sub>H<sub>74</sub>O<sub>14</sub>)  
**Mol. Weight:**  
879.09 g/mol

Analysis Test	Specification	Results
Description	white or slight yellow crystalline powder	White crystalline powder
Identification 1	Maximum absorption in the range of 238nm to 245nm	Complies
Identification 2	Comply with the standard	Complies
[α] <sub>D</sub> (C=0.755, Chloroform)	+71.5°±3°	+71.5°
Melting point	155°C ~157°C	155°C ~157°C
Water (K.F))	≤1%	0.5%
Solubility	50 mg/ml, Methyl Ethyl Ketone	
Heavy metal	≤20ppm	<20 ppm
Sulphated ash	≤0.1%	0.03%
Formamide(GC)	≤3.0%	<3.0%
Ethanol(GC)	≤5.0%	<5.0%
Related substances(dried substance)	22, 23-dihydroavermectin B1a≥80%	89.5%
	22, 23-dihydroavermectin B1b≤20%	6.8%
Assay(on dried basis)	≥97%	97%
Solubility	Water <1% or <3% in formamide, ethanol <5%	
Conclusion	QC passed.	

**Usage:** This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**ABT-280-01**

**110601AO**

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