

Product Name:	Ivermectin B1a aglycone
Product Number:	I026
CAS Number:	123997-59-1
Molecular Formula:	$C_{34}H_{50}O_8$
Molecular Weight:	586.8
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Ivermectin aglycone is a semi-synthetic produced by hydrolysing the disaccharide unit of ivermectin. Ivermectin aglycone is a potent inhibitor of nematode larval development, but is devoid of paralytic activity. The aglycone is used as a sensitive probe for the detection of some types of ivermectin resistance.</p> <p>Ivermectin aglycone is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</p>
References:	<p>Ivermectin, a new broad-spectrum antiparasitic agent. Chabala J.C. et al. J. Med. Chem. 1980, 23, 1134.</p> <p>Detection of resistance to ivermectin in Haemonchus contortus. Gill J.G. et al. Int. J. Parasit. 1991, 21, 771.</p>