

Product Name:	Doramectin aglycone
Product Number:	D059
Molecular Formula:	$C_{36}H_{50}O_8$
Molecular Weight:	755.0
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Doramectin aglycone is an acid degradation product produced by hydrolysis of the disaccharide unit of doramectin. Doramectin aglycone is an inhibitor of nematode larval development, but is devoid of paralytic activity. Despite the importance of doramectin as an anthelmintic in animal health, there are no published reports of the biological activity or the levels of doramectin aglycone in animals or in the environment.</p> <p>Doramectin aglycone is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Avermectin aglycones. Mrozik H. et al. J. Org. Chem. 1982, 47, 489.</p> <p>Ivermectin, a new broad-spectrum antiparasitic agent. Chabala J.C. et al. J. Med. Chem. 1980, 23, 1134.</p>