

Product Name:	Delta-2-doramectin
Product Number:	D061
Molecular Formula:	$C_{50}H_{74}O_{14}$
Molecular Weight:	899.1
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Delta-2-Doramectin is an irreversible base degradation product of doramectin found in animals treated with doramectin and in the environment. ?2-Doramectin is formed by rearrangement of the naturally occurring ?3-group in doramectin to the 2-position. Despite the importance of doramectin as an anthelmintic in animal health, there are no published reports of the biological activity or the levels of ?2-Doramectin in animals or in the environment.</p> <p>Delta-2-Doramectin is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Base-catalyzed isomerization of avermectins. Pivnichny J.V. et al. J. Agric. Food Chem. 1988, 36, 826.</p> <p>Direct determination of avermectins in plasma at nanogram levels by High-Performance Liquid Chromatography. Pivnichny J.V. et al. J. Pharm. Sci. 1980, 72, 1447.</p>