

Product Name:	Delta-2-ivermectin B1a
Product Number:	I028
Molecular Formula:	$C_{48}H_{74}O_{14}$
Molecular Weight:	875.1
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>$\Delta 2$-Ivermectin B1a is an irreversible base degradation product of ivermectin found in animals treated with ivermectin and in the environment. $\Delta 2$-Ivermectin B1a is formed by rearrangement of the naturally occurring $\Delta 3$-group to the 2-position. Despite the importance of ivermectin as an anthelmintic in animal health, there are no published reports of the biological activity or the levels of $\Delta 2$-Ivermectin B1a in animals or in the environment.</p> <p>$\Delta 2$-Ivermectin B1a is soluble in ethanol, methanol, DMF or 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>