

<b>Product Name:</b>	Delta 2 -Avermectin B1a
<b>Product Number:</b>	A151
<b>Molecular Formula:</b>	$C_{48}H_{72}O_{14}$
<b>Molecular Weight:</b>	873.1
<b>Description:</b>	<p><math>\Delta</math>2-Avermectin B1a is an irreversible base degradation product of avermectin found in animal treated with avermectin and in the environment. <math>\Delta</math>2-Avermectin B1a is formed by rearrangement of the naturally-occurring <math>\Delta</math>3-group to the 2-position. Although less active than the parent, <math>\Delta</math>2-avermectin B1a is nonetheless active in the at 1 ppm.</p> <p><math>\Delta</math>2-Avermectin B1a is soluble in ethanol, methanol, DMF or DMSO.</p>
<b>References:</b>	<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>