

<b>Product Name:</b>	Epi-doramectin
<b>Product Number:</b>	D062
<b>Molecular Formula:</b>	$C_{50}H_{74}O_{14}$
<b>Molecular Weight:</b>	899.1
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Epi-Doramectin is a base-catalysed intermediate in the decomposition of doramectin. epi-Doramectin is formed by epimerisation at the 2-position which ultimately rearranges irreversibly to the isomeric alkene analogue, ?2-doramectin. Despite the importance of doramectin as an anthelmintic in animal health, there are no published reports of the biological activity or the levels of epi-doramectin in animals or the environment.</p> <p>Epi-Doramectin is soluble in ethanol, methanol, DMF and 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>