

<b>Product Name:</b>	Monazomycin
<b>Product Number:</b>	M066
<b>CAS Number:</b>	11006-31-8
<b>Molecular Formula:</b>	$C_{72}H_{133}NO_{22}$
<b>Molecular Weight:</b>	1364.8
<b>Appearance:</b>	White to fawn solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Monazomycin is a macrocyclic polyol lactone isolated from several species of <i>Streptovercillium</i>, first reported in 1963. Monazomycin is active against Gram positive bacteria with weak Gram negative activity. Monazomycin is an important bioprobe for understanding membrane channels.</p> <p>Monazomycin is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</p>
<b>Mechanism of Action:</b>	<p>In solution, monazomycin exists as hydrophilic clusters which, when adsorbed onto a lipid bilayer, can induce channel formation.</p>