

Product Name:	Alpha-lipomycin
Product Number:	L036
CAS Number:	51053-40-8
Molecular Formula:	$C_{32}H_{45}NO_9$
Molecular Weight:	587.7
Appearance:	Dark red solid
Storage Conditions:	-20°C
Description:	<p>α-Lipomycin is an unusual pentaenone tetramic acid first isolated from <i>Streptomyces aureofaciens</i> in 1972. Lipomycin has potent Gram positive antibacterial activity with no activity against fungi, including yeasts. The antibiotic activity is antagonized by lecithin and some sterols, implying alterations of the cell membrane.</p> <p>α-Lipomycin is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</p>
References:	Stoffwechselprodukte von Mikroorganismen. Kunze B. Arch. Microbiol. 1972, 86, 147.