

Product Name:	Reticulol
Product Number:	R028
CAS Number:	224452-66-8
Molecular Formula:	C ₃₀ H ₄₇ NO ₄ S
Molecular Weight:	517.8
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Reticulol is an isocoumarin metabolite produced by selected species of Streptomyces. Reticulol was first described as a potent inhibitor of cyclic nucleotide phosphodiesterase but more recent research has demonstrated a topoisomerase I inactivation mechanism. Reticulol also causes dose dependent inhibition of lung metastasis in the B16F10 melanoma model.</p> <p>Reticulol is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Activity of retapamulin (SB-275833), a novel pleuromutilin, against selected resistant gram-positive cocci. Jones R. et al. Antimicrob. Agents Chemother. 2006, 50, 2583.</p> <p>Retapamulin. Daum R.S. et al. Nature Reviews Drug Discovery 2007, 6, 865.</p>