

Product Name:	Sporidesmolide V
Product Number:	S099
CAS Number:	127072-57-5
Molecular Formula:	$C_{35}H_{62}N_4O_8$
Molecular Weight:	666.5
Appearance:	Off white to light tan solid
Storage Conditions:	-20°C
Description:	<p>Sporidesmolide V is the most non-polar of the N-methyl analogues belonging the hexadepsipeptide sporidesmolide complex. Biosynthesis of sporidesmolide V involves the use of D- and L- amino acids utilising alloisoleucine, isoleucine, leucine, and two valine sub-units, where one of the valines and a leucine are converted to the corresponding valic acid. The biological activity of sporidesmolide V has not been extensively investigated.</p> <p>Sporidesmolide V is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>The production of sporidesmin and sporidesmolides by <i>Pithomyces chartarum</i>. Done J. J. Gen. Microbiol. 1961, 26, 207.</p> <p>Isolation and structure of sporidesmolide V from cultures of <i>Pithomyces chartarum</i>. Gillis H.A. et al. Can. J. Chem. 1990, 68, 19.</p>