

Product Name:	Sporidesmolide II
Product Number:	S097
CAS Number:	3200-75-7
Molecular Formula:	$C_{34}H_{60}N_4O_8$
Molecular Weight:	652.4
Appearance:	Off white to light tan solid
Storage Conditions:	-20°C
Description:	<p>Sporidesmolide II is the most abundant of N-methyl analogues belonging to the hexadepsipeptide sporidesmolide complex. Biosynthesis of sporidesmolide II involves the use of D- and L- amino acids utilising D-alloisoleucine, leucine and four valine sub-units, where two of the valines are converted to the corresponding valic acid. The biological activity of sporidesmolide II has not been extensively investigated.</p> <p>Sporidesmolide II is soluble in ethanol, methanol, DMF or 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 of a new depsipeptide from <i>Pithomyces chartarum</i>. Bertraud W.S. et al. Tet. Lett. 1965, 21, 677.</p>