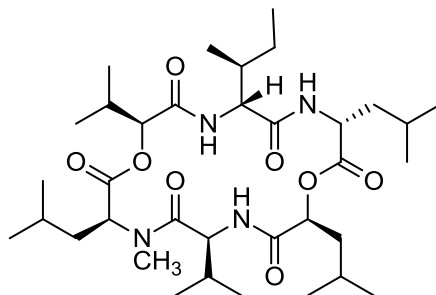


Sporidesmolide V

Code No.: **BIA-S1622**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms :

Specifications

CAS #	: 127072-57-5
Molecular Formula	: C ₃₅ H ₆₂ N ₄ O ₈
Molecular Weight	: 666.9
Source	: <i>Pithomyces</i> sp.
Appearance	: Off white to light tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

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.

References

1. The production of sporidesmin and sporidesmolides by *Pithomyces chartarum*. Done J. J. Gen. Microbiol. 1961, 26, 207.
2. Isolation and structure of sporidesmolide V from cultures of *Pithomyces chartarum*. Gillis H.A. et al., Can. J. Chem. 1990, 68, 19.