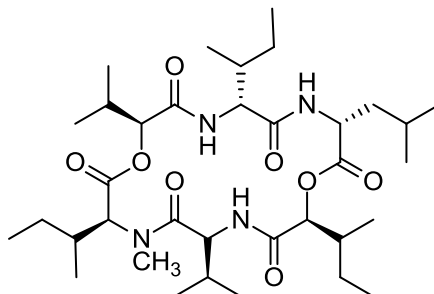


## Sporidesmolide V

Code No.: **BIA-S1622**

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



Synonyms :

### Specifications

CAS #	: 127072-57-5
Molecular Formula	: C <sub>35</sub> H <sub>62</sub> N <sub>4</sub> O <sub>8</sub>
Molecular Weight	: 666.5
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 to 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.

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