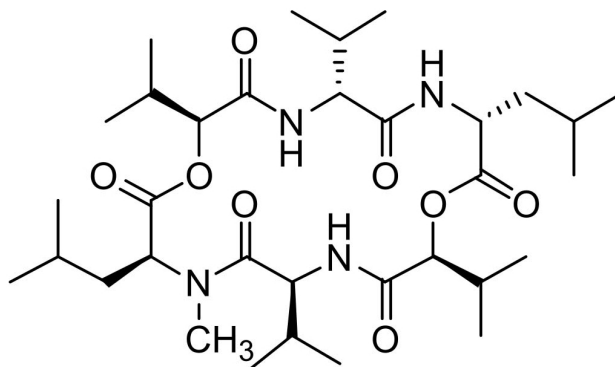


Sporidesmolide I

Code No.: BIA-S1603

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

-

Specifications

CAS #	: 2900-38-1
Molecular Formula	: C33H58N4O8
Molecular Weight	: 638.8
Source	: -
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 I is the most polar of N-methyl analogues belonging to the hexadepsipeptide sporidesmolide complex. Biosynthesis of sporidesmolide I involves the use of D- and L- amino acids utilizing two leucine and four valine sub-units, where two of the valines are converted to the corresponding valic acid. The biological activity of sporidesmolide I 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. Sporidesmolide I, a metabolic product of *Sporidesmium bakeri* Syd. Russell D.W. Biochim. Biophys. Acta 1960, 45, 411.
3. Depsipeptides of *Pithomyces chartarum*: the structure of sporidesmolide I. Russell D.W. J. Chem. Soc. 1962, 753.