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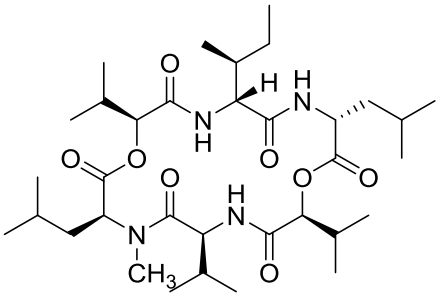
PRODUCT DATA SHEET

Sporidesmolide II

Code No.: **BIA-S1604**

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



Synonyms :

Specifications

CAS #	:	**3200-75-7**
Molecular Formula	:	**$C_{34}H_{60}N_4O_8$**
Molecular Weight	:	**652.9**
Source	:	***Pithomyces* 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 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.

References

1. The production of sporidesmin and sporidesmolides by Pithomyces chartarum. Done J. J. Gen. Microbiol. 1961, 26, 207.
2. Isolation of a new depsipeptide from Pithomyces chartarum. Bertraud W.S. et al., Tet. Lett. 1965, 21, 677.

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