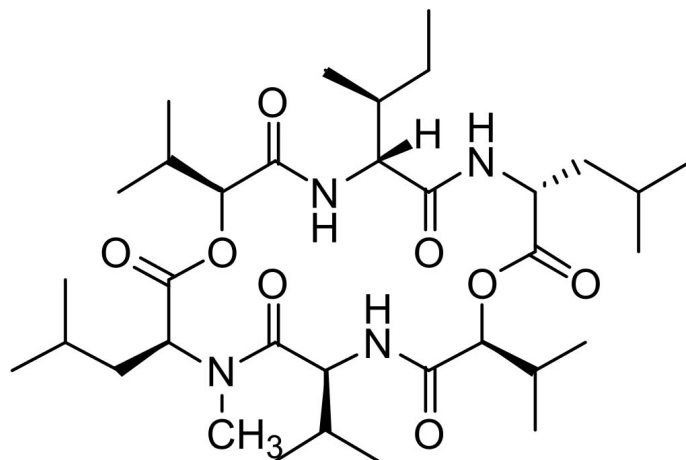


## Sporidesmolide II

Code No.: BIA-S1604

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

-

## Specifications

|                   |   |
|-------------------|---|
| CAS #             | : <b>3200-75-7</b>                                  |
| Molecular Formula | : <b>C34H60N4O8</b>                                 |
| Molecular Weight  | : <b>652.9</b>                                      |
| Source            | : -   |
| Appearance        | : <b>Off white to light tan solid</b>               |
| Purity            | : <b>&gt;95% by HPLC</b>                            |
| Long Term Storage | : <b>-20°C</b>                                      |
| Solubility        | : <b>Soluble in ethanol, methanol, DMF or DMSO.</b> |

## 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.