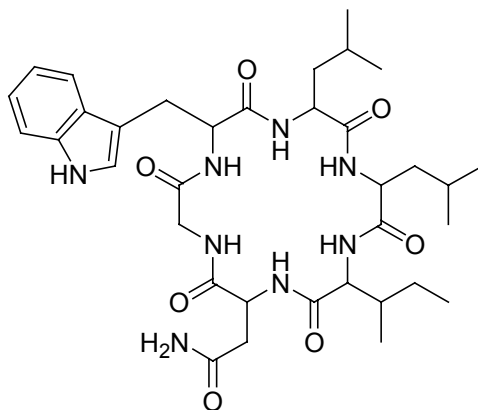


Desotamide

Code: **BIA-D1026**

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



Synonyms :

Specifications

| | |
|-------------------|---|
| CAS # | : 194660-14-5 |
| Molecular Formula | : C ₃₅ H ₅₂ N ₈ O ₇ |
| Molecular Weight | : 696.8 |
| Source | : <i>Streptomyces</i> sp. MST-AS5380 |
| Appearance | : White Lyophilisate |
| Purity | : > 95% by HPLC |
| Long Term Storage | : -20°C |
| Solubility | : Soluble in ethanol, methanol, DMF or DMSO. |

Application Notes

The cyclic hexapeptide, desotamide, was first isolated from a *Streptomyces* sp. found to produce salinamide A, an inhibitor of bacterial RNA polymerase. Little is known of its biological potency or intrinsic activity.

References

1. Inhibition of bacterial RNA polymerases. Peptide metabolites from the cultures of *Streptomyces* sp. Shichang M. et al. *J. Nat. Prod.* **1997**, 60, 858.