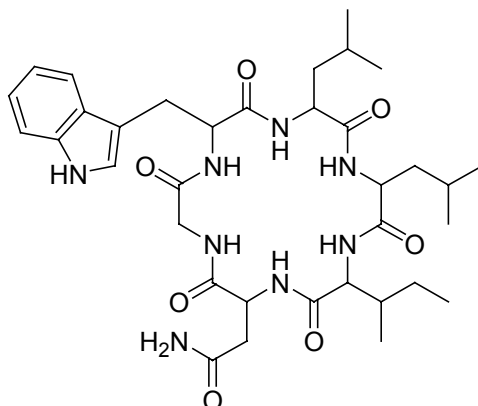


Desotamide

Code: **BIA-D1026**

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



Synonyms :

Specifications

CAS #	: 194660-14-5
Molecular Formula	: C₃₅H₅₂N₈O₇
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.