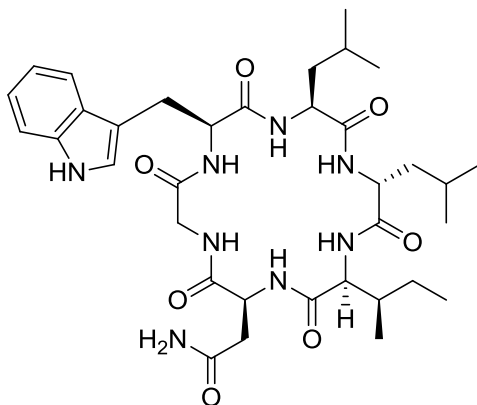


Desotamide

Code No.: **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.
Appearance	: White Lyophilisate
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

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 desotamide's intrinsic activity or potency.

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.