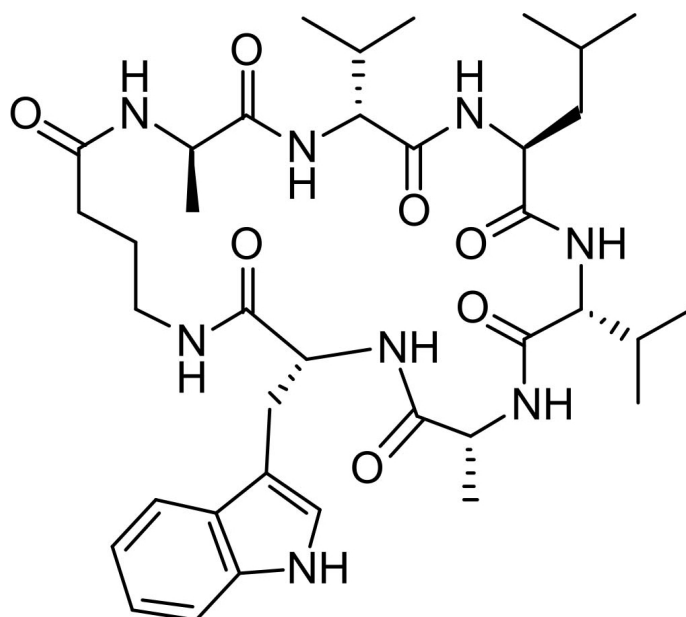


Unguisin B

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

-

Specifications

CAS #	: 226956-07-6
Molecular Formula	: C37H56N8O7
Molecular Weight	: 724.89
Source	: -
Appearance	: White to off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Unguisin B is a major analogue of a class of cyclic heptapeptides isolated from *Emericella unguis* (*Aspergillus unguis*) by Malmstrom, University of Copenhagen, Denmark in 1999. Structurally, unguisuin B is comprised of only one proteogenic amino acid, L-leucine with two D-valines, two D-alanines and a D-tryptophan. Uniquely, the macrocycle of the unguisins is annealed to γ -aminobutyric acid. No reports of pharmacology of unguisuin B have appeared in the literature to date.

References

1. Unguisins A and B: new cyclic peptides from the marine-derived fungus *Emericella unguis*. Malmstrom J., J. Nat. Prod. 1999, 62, 787.