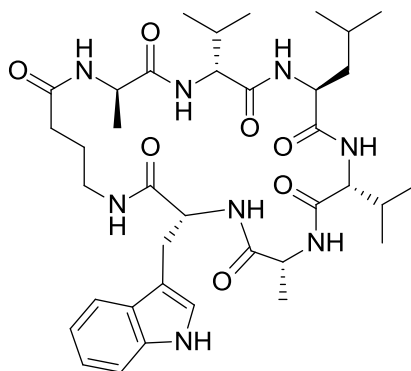


## Unguisin B

Code No.: **BIA-U1683**

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



Synonyms :

## Specifications

CAS #	: 226956-07-6
Molecular Formula	: C <sub>37</sub> H <sub>56</sub> N <sub>8</sub> O <sub>7</sub>
Molecular Weight	: 724.9
Source	: <i>Aspergillus unguis</i>
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  $\gamma$ -aminobutyric acid. No reports of pharmacology of unguisin 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.