



## Deoxybrevianamide E

Code: **BIA-D1174** 

Pack sizes: 1 mg, 5 mg

Synonyms L-Prolyl-2-(1,1-dimethylallyl)-L-tryptophan anhydride

## Specifications

CAS# : 34610-68-9 Molecular Formula :  $C_{21}H_{25}N_3O_2$ 

Molecular Weight : 351.4

Source : Penicillium sp. MST-FP1766

**Appearance** : Oily solid

: > 99% by HPLC Purity

Long Term Storage : -20°C

Solubility : Soluble in ethanol, methanol, DMF or DMSO.

## Application Notes

Deoxybrevianamide E is an alkaloidal diketopiperazine derived from tryptophan and proline, isolated from Aspergillus and Penicillium species. There are no reports of intensive investigation of deoxybrevianamide E. In-house screening identified weak activity against mammalian tumor cells but no antibacterial or antifungal activity.

## References

1. The structures of five diketopiperazines from Aspergillus ustus. Steyn, P. S. Tetrahedron 1973, 29, 107.

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