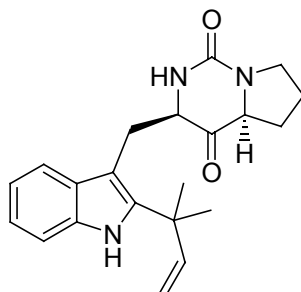


## Deoxybrevianamide E

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<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>**  
Molecular Weight : **351.4**  
Source : ***Penicillium* sp. MST-FP1766**  
Appearance : **Oily solid**  
Purity : **> 99% by HPLC**  
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.