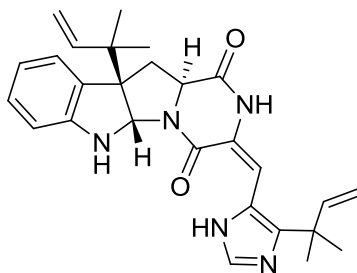


## Roquefortine E

Code No.: **BIA-R1105**

Pack sizes: **1 mg, 5 mg**



Synonyms :

### Specifications

CAS #	: <b>871982-52-4</b>
Molecular Formula	: <b>C<sub>27</sub>H<sub>31</sub>N<sub>5</sub>O<sub>2</sub></b>
Molecular Weight	: <b>457.6</b>
Source	: <b><i>Gymnoascus reesii</i></b>
Appearance	: <b>White solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</b>

### Application Notes

Roquefortine E is an analogue of Roquefortine C, containing an additional isoprenyl unit on the imidazole similar to phenylhistin, a recently described antimetabolic agent. Roquefortine E is a selective, albeit weakly active, antitumor agent.

### References

1. Roquefortine E, a diketopiperazine from an Australian isolate of *Gymnoascus reesii*. Clark B. et al., J Nat Prod. 2005, 68, 1661.