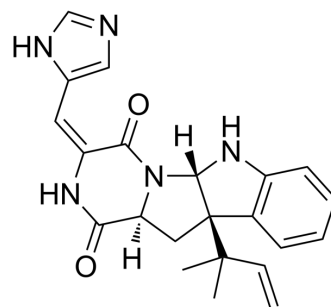


Roquefortine C

Cat. No.:	HY-N6748
CAS No.:	58735-64-1
Molecular Formula:	C ₂₂ H ₂₃ N ₅ O ₂
Molecular Weight:	389.45
Target:	P-glycoprotein; Cytochrome P450; Bacterial; Endogenous Metabolite
Pathway:	Membrane Transporter/Ion Channel; Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Roquefortine C, a fungal cyclopeptide isolated from *Penicillium roquefortii*, activates P-gp and also inhibits P450-3A and other haemoproteins. Roquefortine C has bacteriostatic activities against Gram-positive bacteria^[1].

CUSTOMER VALIDATION

- Cell Signal. 2021 Apr 21;110016.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. García-Rico RO, et al. Effect of a heterotrimeric G protein alpha subunit on conidia germination, stress response, and roquefortine C production in *Penicillium roquefortii*. Food Addit Contam. 2005 Apr;22(4):361-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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