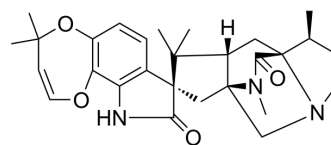


Paraherquamide E

Cat. No.:	HY-N10220		
CAS No.:	125600-53-5		
Molecular Formula:	C ₂₈ H ₃₅ N ₃ O ₄		
Molecular Weight:	477.6		
Target:	Endogenous Metabolite; Parasite		
Pathway:	Metabolic Enzyme/Protease; Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Methanol : 1 mg/mL (2.09 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0938 mL	10.4690 mL	20.9380 mL
5 mM	---	---	---
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Paraherquamide E is a fungal metabolite found in *Penicillium charlesii*. Paraherquamide E has antinematodal and antiparasitic effects^[1].

REFERENCES

[1]. J M Liesch, et al. Novel antinematodal and antiparasitic agents from *Penicillium charlesii*. II. Structure determination of paraherquamides B, C, D, E, F, and G. *J Antibiot* (Tokyo). 1990 Nov;43(11):1380-6.

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

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