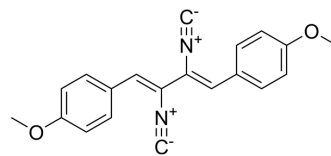


Xanthocillin X permethyl ether

Cat. No.:	HY-111911		
CAS No.:	4464-33-9		
Molecular Formula:	C ₂₀ H ₁₆ N ₂ O ₂		
Molecular Weight:	316.35		
Target:	Amyloid-β		
Pathway:	Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (15.81 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1611 mL	15.8053 mL	31.6106 mL
	5 mM	0.6322 mL	3.1611 mL	6.3221 mL
	10 mM	0.3161 mL	1.5805 mL	3.1611 mL

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

BIOLOGICAL ACTIVITY

Description

Xanthocillin X permethyl ether is a natural compound isolated from fungal extracts, with Aβ-42 lowering activity^[1].

REFERENCES

[1]. Harms H, et al. Aβ-42 lowering agents from the marine-derived fungus *Dichotomomyces cejpui*. *Steroids*. 2015 Dec;104:182-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA