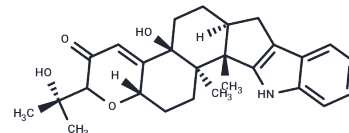


Paxilline

Chemical Properties

CAS No. : 57186-25-1
Formula: C₂₇H₃₃NO₄
Molecular Weight: 435.564
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Paxilline is an indole alkaloid mycotoxin from <i>Penicillium paxilli</i> , acts as a potent BK channels inhibitor by an almost exclusively closed-channel block mechanism. Paxilline possesses significant anticonvulsant activity.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2959 mL	11.4795 mL	22.9589 mL
5 mM	0.4592 mL	2.2959 mL	4.5918 mL
10 mM	0.2296 mL	1.1479 mL	2.2959 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zhou Y, et al. Paxilline inhibits BK channels by an almost exclusively closed-channel block mechanism. *J Gen Physiol.* 2014 Nov;144(5):415-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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