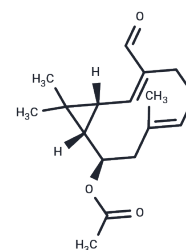


Heishuixiecaoline A

Chemical Properties

CAS No. : 1469493-85-3
 Formula: C₁₇H₂₄O₃
 Molecular Weight: 276.37
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Heishuixiecaoline A protects against neurotoxicity in PC12 cells.
Targets(IC50)	Others
In vitro	Three new germacrane-type sesquiterpenoids, Heishuixiecaoline A, heishuixiecaoline B, heishuixiecaoline C (compounds 1-3), were isolated along with ten known compounds 4-13 from fraction of <i>Valeriana amurensis</i> roots and rhizomes effective against Alzheimer's disease (AD). The structures of 1-3 were elucidated on the basis of their spectroscopic data. We also investigated the protective effect of compounds 1-13 on the neurotoxicity of PC12 cells induced by amyloid-beta (Aβ(25-25)), respectively.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6183 mL	18.0917 mL	36.1834 mL
5 mM	0.7237 mL	3.6183 mL	7.2367 mL
10 mM	0.3618 mL	1.8092 mL	3.6183 mL
50 mM	0.0724 mL	0.3618 mL	0.7237 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

Compounds from the roots and rhizomes of *Valeriana amurensis* protect against neurotoxicity in PC12 cells. *Molecules*. 2012 Dec 18;17(12):15013-21.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481