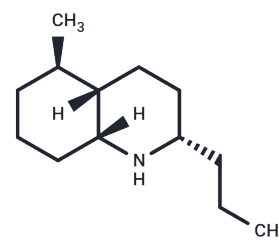


Pumiliotoxin C

Chemical Properties

CAS No. : 27766-71-8
Formula: C₁₃H₂₅N
Molecular Weight: 195.35
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pumiliotoxins (PTXs), are one of several toxins found in the skin of poison dart frogs. There are three different types of this toxin: A, B and C, of which toxins A and B are more toxic than C. Pumiliotoxins interfere with muscle contraction by affecting calcium channels, causing partial paralysis, difficulty moving, hyperactivity, or death.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.119 mL	25.5951 mL	51.1902 mL
5 mM	1.0238 mL	5.119 mL	10.238 mL
10 mM	0.5119 mL	2.5595 mL	5.119 mL
50 mM	0.1024 mL	0.5119 mL	1.0238 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

Qu J, Helmchen G. Applications of Iridium-Catalyzed Asymmetric Allylic Substitution Reactions in Target-Oriented Synthesis. Acc Chem Res. 2017 Oct 17;50(10):2539-2555. doi: 10.1021/acs.accounts.7b00300. Epub 2017 Sep 22.

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