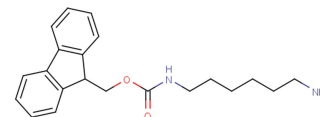


Fmoc-1,6-diaminohexane

Chemical Properties

CAS No.:	166410-37-3
Formula:	C ₂₁ H ₂₆ N ₂ O ₂
Molecular Weight:	338.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Fmoc-1,6-diaminohexane has the potential for Alzheimer's disease and cancer treatment. Fmoc-1,6-diaminohexane is an analog of Osw-1.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 150 mg/mL (443.21 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.955 mL	14.774 mL	29.547 mL
5 mM	0.591 mL	2.955 mL	5.909 mL
10 mM	0.295 mL	1.477 mL	2.955 mL
50 mM	0.059 mL	0.295 mL	0.591 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Matthew D. Shair. Osw-1 analogs and conjugates, and uses thereof. US 20140135279 A1.

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