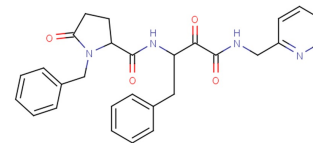


Neurodegenerative Disorder-Targeting Compound 1

Chemical Properties

CAS No.:	1254699-12-1
Formula:	C ₂₈ H ₂₈ N ₄ O ₄
Molecular Weight:	484.55
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Neurodegenerative Disorder-Targeting Compound 1 is a calpain inhibitor extracted from patent WO2010128102A1 (example 63).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.064 mL	10.319 mL	20.638 mL
5 mM	0.413 mL	2.064 mL	4.128 mL
10 mM	0.206 mL	1.032 mL	2.064 mL
50 mM	0.041 mL	0.206 mL	0.413 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. MACK, Helmut., et al. CARBOXAMIDE COMPOUNDS AND THEIR USE AS CALPAIN INHIBITORS. WO 2010128102 A1.

Inhibitors · Natural Compounds · Compound Libraries

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