



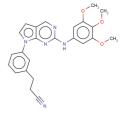
Casein Kinase II Inhibitor IV

Chemical Properties

CAS No.: 863598-09-8 Formula: C24H23N5O3

Molecular Weight: 429.47
Appearance: N/A

Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	
Targets(IC ₅₀)	
Targets(IC ₅₀) In vitro Treatment of huma the early differential treated with Casein Inhibitor IV express by messenger RNA points (12 and 24 h differentiation marker genes, incluur upregulated at late	

Solubility Information

Solubility	DMSO: 30 mg/mL (69.85 mM)
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.328 mL	11.642 mL	23.285 mL
5 mM	0.466 mL	2.328 mL	4.657 mL
10 mM	0.233 mL	1.164 mL	2.328 mL
50 mM	0.047 mL	0.233 mL	0.466 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. Hong J, et al. Identification and characterization of small-molecule inducers of epidermal keratinocyte differentiation. ACS Chem Biol. 2007 Mar 20;2(3):171-5.

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