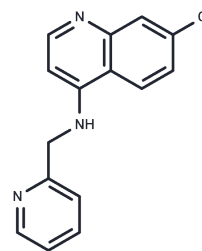


Casein kinase 1δ-IN-9

Chemical Properties

CAS No. :	854355-54-7
Formula:	C ₁₅ H ₁₂ ClN ₃
Molecular Weight:	269.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Casein kinase 1δ-IN-9 is a Quinone reductase 2 inhibitor with IC ₅₀ of 0.6μM.
Targets(IC ₅₀)	Casein Kinase,NADPH

Solubility Information

Solubility	DMSO: 55 mg/mL (203.91 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7074 mL	18.5371 mL	37.0741 mL
5 mM	0.7415 mL	3.7074 mL	7.4148 mL
10 mM	0.3707 mL	1.8537 mL	3.7074 mL
50 mM	0.0741 mL	0.3707 mL	0.7415 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ware, Roy W.; Hinkley, Lindsay A.; Hardeman, Klaas P.; Jenks, Matthew G. World Intellectual Property Organization, WO2006034235 A2 2006-03-30

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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