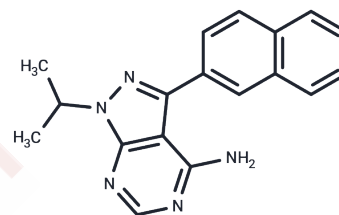


CpCDPK1/TgCDPK1-IN-1

Chemical Properties

CAS No. :	1092788-23-2
Formula:	C ₁₈ H ₁₇ N ₅
Molecular Weight:	303.36
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	CpCDPK1/TgCDPK1-IN-1 is a potent dual inhibitor of CpCDPK1 and TgCDPK1, inhibits Abl and Src, and has antiparasitic activity for the study of Toxoplasma infections and cryptosporidiosis.
Targets(IC50)	Bcr-Abl,Parasite,Src

Solubility Information

Solubility	DMSO: 100 mg/mL (329.64 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	3.2964 mL	16.4821 mL	32.9641 mL
5 mM	0.6593 mL	3.2964 mL	6.5928 mL
10 mM	0.3296 mL	1.6482 mL	3.2964 mL
50 mM	0.0659 mL	0.3296 mL	0.6593 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

Wesley C. Van Voorhis, et al. Compositions And Methods For Treating Toxoplasmosis, Cryptosporidiosis, And Other Apicomplexan Protozoan Related Diseases. Patent. US20130018040.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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