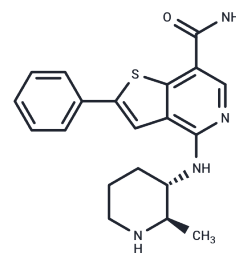


CHK1-IN-2

Chemical Properties

CAS No. : 912367-45-4
 Formula: C₂₀H₂₂N₄O₅
 Molecular Weight: 366.48
 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	CHK1-IN-2 is an inhibitor of checkpoint kinase 1 (CHK1; IC ₅₀ : 6 nM).
Targets(IC ₅₀)	Chk

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7287 mL	13.6433 mL	27.2866 mL
5 mM	0.5457 mL	2.7287 mL	5.4573 mL
10 mM	0.2729 mL	1.3643 mL	2.7287 mL
50 mM	0.0546 mL	0.2729 mL	0.5457 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

Yang B, et al. Adventures in Scaffold Morphing: Discovery of Fused Ring Heterocyclic Checkpoint Kinase 1 (CHK1) Inhibitors. J Med Chem. 2018 Feb 8;61(3):1061-1073.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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