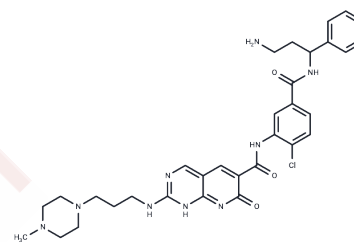


DYRKs-IN-2

Chemical Properties

CAS No. :	1386980-04-6
Formula:	C32H38ClN9O3
Molecular Weight:	632.16
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	DYRKs-IN-2 has antitumor activity. DYRKs-IN-2 is a potent DYRKs inhibitor with IC50s of 30.6 nM and 12.8 nM for DYRK1B and DYRK1A, respectively.
Targets(IC50)	DYRK
In vitro	The EC50 of DyRKs-IN-2 is 22.8 nM for SW620 cell line.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5819 mL	7.9094 mL	15.8188 mL
5 mM	0.3164 mL	1.5819 mL	3.1638 mL
10 mM	0.1582 mL	0.7909 mL	1.5819 mL
50 mM	0.0316 mL	0.1582 mL	0.3164 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

Kevin Anderson, et al. Pyrido pyrimidines. US20120184542A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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