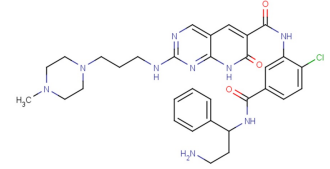


Data Sheet (Cat.No.T11133)

DYRKs-IN-2

Chemical Properties

CAS No.:	1386980-04-6
Formula:	C32H38ClN9O3
Molecular Weight:	632.16
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



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)	DYRK1B: 30.6 nM DYRK1A: 12.8 nM
In vitro	The EC50 of DyRKs-IN-2 is 22.8 nM for SW620 cell line.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.582 mL	7.909 mL	15.819 mL
5 mM	0.316 mL	1.582 mL	3.164 mL
10 mM	0.158 mL	0.791 mL	1.582 mL
50 mM	0.032 mL	0.158 mL	0.316 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

- Kevin Anderson, et al. Pyrido pyrimidines. US20120184542A1

Inhibitors · Natural Compounds · Compound Libraries

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