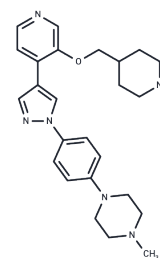


MELK-8a

Chemical Properties

CAS No. :	1922153-17-0
Formula:	C ₂₅ H ₃₂ N ₆ O
Molecular Weight:	432.56
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	MELK-8a (NVS-MELK8a) is a potent and selective inhibitor of maternal embryonic leucine zipper kinase (MELK), with an IC ₅₀ of 2 nM and an IC ₅₀ of 0.42 μM in cellular assays. MELK is crucial in regulating mitosis in cancer cells.
Targets(IC ₅₀)	Others, MELK, Haspin Kinase, PDGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3118 mL	11.5591 mL	23.1182 mL
5 mM	0.4624 mL	2.3118 mL	4.6236 mL
10 mM	0.2312 mL	1.1559 mL	2.3118 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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