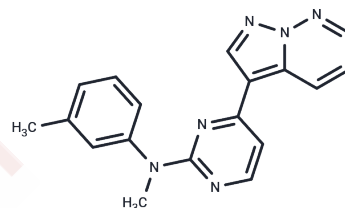


Dyrk1A-IN-3

Chemical Properties

CAS No. :	2493976-27-3
Formula:	C ₁₈ H ₁₆ N ₆
Molecular Weight:	316.36
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	Dyrk1A-IN-3 (Compound 8b) is a highly selective inhibitor of dual-specificity tyrosine-regulated kinase 1A (DYRK1A) with a high binding affinity (IC ₅₀ of 76 nM). Dyrk1A-IN-3 can be used in neurodegenerative disorders research, such as Alzheimer's Disease, Huntington's Disease, and Parkinson's Disease [1].
Targets(IC ₅₀)	Others,DYRK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.161 mL	15.8048 mL	31.6096 mL
5 mM	0.6322 mL	3.161 mL	6.3219 mL
10 mM	0.3161 mL	1.5805 mL	3.161 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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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