Data Sheet (Cat.No.T60824)



Dyrk1A-IN-3

Chemical Properties

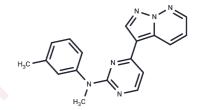
CAS No.: 2493976-27-3

Formula: C18H16N6

Molecular Weight: 316.36

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Dyrk1A-IN-3 (Compound 8b) is a highly selective inhibitor of dual-specificity tyrosine-
	regulated kinase 1A (DYRK1A). Dyrk1A-IN-3 has high binding affinity of DYRK1A with an
	IC 50 of 76 nM. Dyrk1A-IN-3 can be used in neurodegenerative disorders research, for
	example, Alzheimer's Disease, Huntington's Disease, and Parkinson's Disease [1].

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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