

dAURK-4 hydrochloride

Chemical Properties

CAS No. :

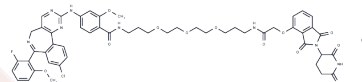
Formula: C52H53Cl2FN8O12

Molecular Weight: 1071.93

Store at low temperature

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	dAURK-4 hydrochloride is a selective AURKA (Aurora A) degrader with anticancer and antiproliferative activities. dAURK-4 hydrochloride has been shown to be an anticancer and antiproliferative agent.
Targets(IC50)	Aurora Kinase,PROTACs
In vitro	In MM.1S cells, dAURK-4 hydrochloride (125 nM, 250 nM, 500 nM, 1000 nM; 4 hours or 24 hours) inhibited the protein level of AURKA (Aurora A)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9329 mL	4.6645 mL	9.329 mL
5 mM	0.1866 mL	0.9329 mL	1.8658 mL
10 mM	0.0933 mL	0.4664 mL	0.9329 mL
50 mM	0.0187 mL	0.0933 mL	0.1866 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

Katherine A Donovan, et al. Mapping the Degradable Kinome Provides a Resource for Expedited Degradation Development. Cell. 2020 Dec 10;183(6):1714-1731.e10.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481