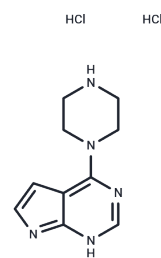


1-{1H-pyrrolo[2,3-d]pyrimidin-4-yl}piperazine 2HCl

Chemical Properties

CAS No. :	853680-06-5
Formula:	C10H15Cl2N5
Molecular Weight:	276.166
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	1-{1H-pyrrolo[2,3-d]pyrimidin-4-yl}piperazine dihydrochloride (1-PPZ-DHC) is a compound used as a molecular structural unit. It is an analog of the natural product piperazine and has a wide range of biological activities, including anti-inflammatory, anti-tumor and antibacterial activities. It has also been studied for the treatment of neurological disorders such as Alzheimer's and Parkinson's.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 3.33 mg/mL (12.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.621 mL	18.1048 mL	36.2096 mL
5 mM	0.7242 mL	3.621 mL	7.2419 mL
10 mM	0.3621 mL	1.8105 mL	3.621 mL
50 mM	0.0724 mL	0.3621 mL	0.7242 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481