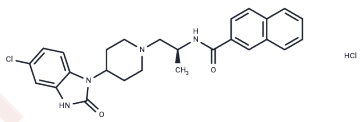
Data Sheet (Cat.No.T84879)

TargetMol

VU0155069 hydrochloride

Chemical Properties



CAS No. : 1781834-89-6

Formula: C26H28Cl2N4O2

Molecular Weight: 499.43

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	VU0155069 hydrochloride (CAY10593 hydrochloride) is a potent and selective inhibitor of phospholipase D (PLD), exhibiting IC50 values of 46 nM for PLD1 and 933 nM for PLD2. It effectively inhibits the migration of both human and mouse breast cancer cell lines [1] [2].
Targets(IC50)	Others,Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0023 mL	10.0114 mL	20.0228 mL
5 mM	0.4005 mL	2.0023 mL	4.0046 mL
10 mM	0.2002 mL	1.0011 mL	2.0023 mL
50 mM	0.040 mL	0.2002 mL	0.4005 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