

Protein kinase inhibitors 1 hydrochlorid

Chemical Properties

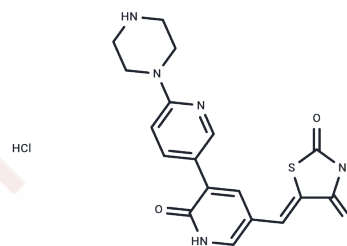
CAS No. :

Formula: C₁₈H₁₈ClN₅O₃S

Molecular Weight: 419.88

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	Protein kinase inhibitors 1 hydrochlorid (Protein kinase inhibitors 1 hydrochlorid (1365986-44-2(free base))) is a novel inhibitor of HIPK2 with an IC ₅₀ of 74 nM and K _d of 9.5 nM.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---------------------------------------------------------------------------------------------------------------------------------------------

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3816 mL	11.9082 mL	23.8163 mL
5 mM	0.4763 mL	2.3816 mL	4.7633 mL
10 mM	0.2382 mL	1.1908 mL	2.3816 mL
50 mM	0.0476 mL	0.2382 mL	0.4763 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

Miduturu CV, et al. High-throughput kinase profiling: a more efficient approach toward the discovery of new kinaseinhibitors. Chem Biol. 2011 Jul 29;18(7):868-79.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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