

BAY-091

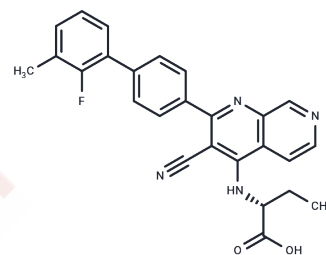
Chemical Properties

CAS No. : 2922280-34-8

Formula: C₂₆H₂₁FN₄O₂

Molecular Weight: 440.47

Storage: Keep away from direct sunlight, Keep away from moisture
 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	BAY-091 is a novel, potent, and highly selective inhibitor of PIP4K2A kinase.
Targets(IC50)	Others,PI3K

Solubility Information

Solubility	DMSO: 112.5 mg/mL (255.41 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2703 mL	11.3515 mL	22.703 mL
5 mM	0.4541 mL	2.2703 mL	4.5406 mL
10 mM	0.227 mL	1.1352 mL	2.2703 mL
50 mM	0.0454 mL	0.227 mL	0.4541 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

Wortmann L, et al. Discovery and Characterization of the Potent and Highly Selective 1,7-Naphthyridine-Based Inhibitors BAY-091 and BAY-297 of the Kinase PIP4K2A. J Med Chem. 2021 Nov 11;64(21):15883-15911.

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