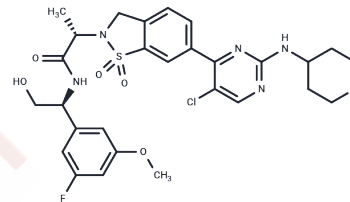


ERK1/2 inhibitor 3

Chemical Properties

CAS No. : 2737294-99-2
 Formula: C₂₈H₃₁ClFN₅O₆S
 Molecular Weight: 620.09
 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	ERK1/2 Inhibitor 3, a potent inhibitor of ERK1/2, plays a crucial role in the signal transduction pathway by targeting the Mitogen-activated protein kinase (MAPK) family, specifically the extracellular signal-regulated kinase (ERK). Given its significant impact, this compound holds promise for research or prevention efforts related to cancer, inflammation, or other proliferative diseases[1].
Targets(IC50)	ERK,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6127 mL	8.0633 mL	16.1267 mL
5 mM	0.3225 mL	1.6127 mL	3.2253 mL
10 mM	0.1613 mL	0.8063 mL	1.6127 mL
50 mM	0.0323 mL	0.1613 mL	0.3225 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

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

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