

DDO3711

Chemical Properties

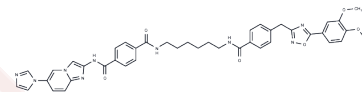
CAS No. : 2673364-10-6

Formula: C42H41N9O6

Molecular Weight: 767.83

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	DDO3711, a PP5-recruiting phosphatase recruitment chimera (PHORC), is created by chemically linking an apoptosis signal-regulated kinase 1 (ASK1) inhibitor with a PP5 activator. This compound selectively targets ASK1 (IC50=164.1 nM) over ASK2 (IC50 >20 μM), effectively dephosphorylating p-ASK1 T838 through PP5 recruitment. Exhibiting ASK1-dependent antiproliferative properties, DDO3711 demonstrates anti-cancer activity, making it a promising agent for research into the abnormal phosphorylation of oncoproteins.
Targets(IC50)	Others,MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3024 mL	6.5119 mL	13.0237 mL
5 mM	0.2605 mL	1.3024 mL	2.6047 mL
10 mM	0.1302 mL	0.6512 mL	1.3024 mL
50 mM	0.026 mL	0.1302 mL	0.2605 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

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481