

INY-03-041 trihydrochloride

Chemical Properties

CAS No. :

Formula: C44H59Cl4N7O5

Molecular Weight: 907.8

Keep away from direct sunlight

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	INY-03-041 trihydrochloride, a potent and highly selective PROTAC-based pan-AKT degrader, comprises Ipatasertib, an ATP-competitive AKT inhibitor, conjugated to Lenalidomide. It effectively inhibits AKT1, AKT2, and AKT3 with IC50 values of 2.0, 6.8, and 3.5 nM, respectively [1].
Targets(IC50)	Akt,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1016 mL	5.5078 mL	11.0156 mL
5 mM	0.2203 mL	1.1016 mL	2.2031 mL
10 mM	0.1102 mL	0.5508 mL	1.1016 mL
50 mM	0.022 mL	0.1102 mL	0.2203 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