

SMO-IN-5

Chemical Properties

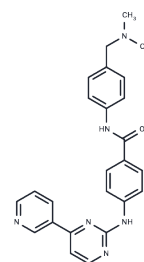
CAS No. :

Formula: C₂₅H₂₄N₆O

Molecular Weight: 424.5

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	SMO-IN-5 (Compound 25(B31)) is an effective inhibitor of smoothened (SMO), which suppresses the Hedgehog (Hh) signaling pathway. This compound inhibits cellular proliferation and induces apoptosis, demonstrating antitumor activity.
Targets(IC50)	Apoptosis,Hedgehog/Smoothened,Smo

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3557 mL	11.7786 mL	23.5571 mL
5 mM	0.4711 mL	2.3557 mL	4.7114 mL
10 mM	0.2356 mL	1.1779 mL	2.3557 mL
50 mM	0.0471 mL	0.2356 mL	0.4711 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