

PI3K δ -IN-14

Chemical Properties

CAS No. :

Formula: C₂₆H₂₀ClFN₈O

Molecular Weight: 514.94

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	PI3K δ -IN-14 (Compound (S)-29), a selective PI3K δ inhibitor with an IC ₅₀ of 0.8 nM and a K _d of 84.8 nM, targets the ATP-binding site within the kinase domain of PI3K δ , exhibiting anti-inflammatory properties by impeding the PI3K/AKT pathway and alleviating acute lung injury (ALI) [1].
Targets(IC ₅₀)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.942 mL	9.7099 mL	19.4197 mL
5 mM	0.3884 mL	1.942 mL	3.8839 mL
10 mM	0.1942 mL	0.971 mL	1.942 mL
50 mM	0.0388 mL	0.1942 mL	0.3884 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

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481