

IHMT-PI3K-315

Chemical Properties

CAS No. :

Formula: C₂₂H₂₀F₂N₆O₄

Molecular Weight: 470.43

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	IHMT-PI3K-315 (20e) serves as a potent, selective inhibitor of PI3K γ/δ , exhibiting IC ₅₀ values of 4.0 nM for PI3K γ and 9.1 nM for PI3K δ . Additionally, it demonstrates antitumor activity.
Targets(IC ₅₀)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1257 mL	10.6286 mL	21.2571 mL
5 mM	0.4251 mL	2.1257 mL	4.2514 mL
10 mM	0.2126 mL	1.0629 mL	2.1257 mL
50 mM	0.0425 mL	0.2126 mL	0.4251 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