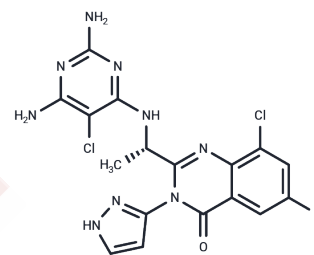


PI3K-IN-6

Chemical Properties

CAS No. : 1842380-77-1
 Formula: C₁₇H₁₄Cl₂FN₉O
 Molecular Weight: 450.26
 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-IN-6 is an oral active and highly selective inhibitor of phosphoinositide 3-kinase (PI3K) β/δ (IC ₅₀ values of 7.8 nM/5.3 nM, respectively).
Targets(IC ₅₀)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2209 mL	11.1047 mL	22.2094 mL
5 mM	0.4442 mL	2.2209 mL	4.4419 mL
10 mM	0.2221 mL	1.1105 mL	2.2209 mL
50 mM	0.0444 mL	0.2221 mL	0.4442 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.

Reference

Perreault S, et al. Discovery of a Phosphoinositide 3-Kinase (PI3K) β/δ Inhibitor for the Treatment of Phosphatase and Tensin Homolog (PTEN) Deficient Tumors: Building PI3K β Potency in a PI3K δ -Selective Template by Targeting Nonconserved Asp856. J Med Chem. 2017 Feb 23;60(4):1555-1567.

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