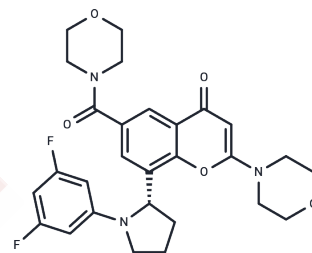


(S)-PI3K-IN-2

Chemical Properties

CAS No. :	1403458-27-4
Formula:	C ₂₈ H ₂₉ F ₂ N ₃ O ₅
Molecular Weight:	525.544
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	(S)-PI3K-IN-2 is the enantiomer of PI3K-IN-2, functioning as a PI3K β/δ inhibitor with IC ₅₀ values of 0.198 and 0.282 μ M, respectively. It can also inhibit the phosphorylation of AKT (ser473) in MDA-MB-468 cells, with an IC ₅₀ of 27 nM.
Targets(IC ₅₀)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9028 mL	9.514 mL	19.028 mL
5 mM	0.3806 mL	1.9028 mL	3.8056 mL
10 mM	0.1903 mL	0.9514 mL	1.9028 mL
50 mM	0.0381 mL	0.1903 mL	0.3806 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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