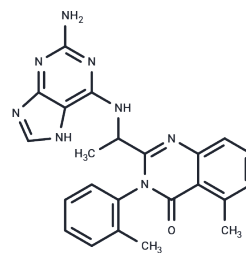


CAL-130 Racemate

Chemical Properties

CAS No. :	474012-90-3
Formula:	C ₂₃ H ₂₂ N ₈ O
Molecular Weight:	426.47
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	CAL-130 Racemate, the racemate of CAL-130, is a PI3K δ and PI3K γ inhibitor with IC ₅₀ s of 1.3 and 6.1 nM, respectively.
Targets(IC ₅₀)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3448 mL	11.7242 mL	23.4483 mL
5 mM	0.469 mL	2.3448 mL	4.6897 mL
10 mM	0.2345 mL	1.1724 mL	2.3448 mL
50 mM	0.0469 mL	0.2345 mL	0.469 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

Sadhu, Chanchal, et al. Inhibitors of human phosphatidylinositol 3-kinase delta. US 20020161014 A1.

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