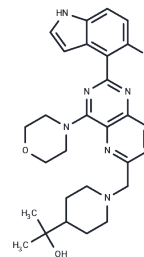


PI3k δ inhibitor 1

Chemical Properties

CAS No. :	1332075-63-4
Formula:	C ₂₈ H ₃₃ FN ₆ O ₂
Molecular Weight:	504.60
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 inhibitor 1 is a selective inhibitor of PI3K δ (IC ₅₀ of 3.8 nM).
Targets(IC ₅₀)	PI3K
In vivo	Pharmacokinetic data in rats and mice support the use of PI3k δ inhibitor 1 (Compound 3) as a useful tool compound to use for in vivo studies.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9818 mL	9.9088 mL	19.8177 mL
5 mM	0.3964 mL	1.9818 mL	3.9635 mL
10 mM	0.1982 mL	0.9909 mL	1.9818 mL
50 mM	0.0396 mL	0.1982 mL	0.3964 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

Sutherland DP, et al. Potent and selective inhibitors of PI3K δ : obtaining isoform selectivity from the affinity pocket and tryptophan shelf. *Bioorg Med Chem Lett*. 2012 Jul 1;22(13):4296-302.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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