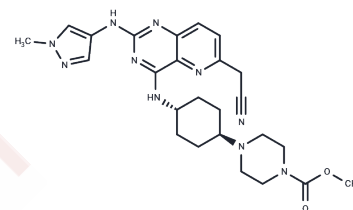


IRAK4-IN-6

Chemical Properties

CAS No. :	2454244-02-9
Formula:	C ₂₅ H ₃₂ N ₁₀ O ₂
Molecular Weight:	504.59
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	IRAK4-IN-6 is a selective and orally efficacious inhibitor of IRAK4, demonstrating an IC ₅₀ value of 4 nM. This compound specifically targets MyD88 L265P mutant diffuse large B-cell lymphoma [1].
Targets(IC ₅₀)	Others,IRAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9818 mL	9.909 mL	19.8181 mL
5 mM	0.3964 mL	1.9818 mL	3.9636 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

Degorce SL, et al. Discovery of a Series of 5-Azaquinazolines as Orally Efficacious IRAK4 Inhibitors Targeting MyD88L265P Mutant Diffuse Large B Cell Lymphoma. J Med Chem. 2019 Nov 1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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