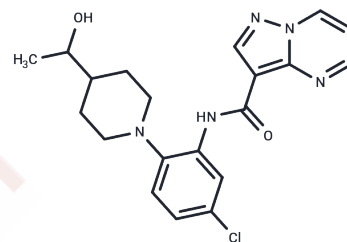


IRAK4 modulator-2

Chemical Properties

CAS No. :	1356013-27-8
Formula:	C ₂₀ H ₂₂ ClN ₅ O ₂
Molecular Weight:	399.87
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	IRAK4 modulator-2 (Compound 5) is a selective dual inhibitor of IRAK4 and IRAK1, with IC ₅₀ values of 0.005 μM and 0.97 μM respectively. It may be employed in research concerning autoimmune and inflammatory diseases such as rheumatoid arthritis, psoriasis, and inflammatory bowel disease.
Targets(IC50)	IRAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5008 mL	12.5041 mL	25.0081 mL
5 mM	0.5002 mL	2.5008 mL	5.0016 mL
10 mM	0.2501 mL	1.2504 mL	2.5008 mL
50 mM	0.050 mL	0.2501 mL	0.5002 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

Nidhi Arora, et al. Pyrazolo [1, 5a] pyrimidine and thieno [3, 2b] pyrimidine derivatives as irak4 modulators. WO2012007375A1. 2012-01-19.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481