

## PROTAC IRAK4 degrader-13

## Chemical Properties

CAS No. : 2432992-21-5

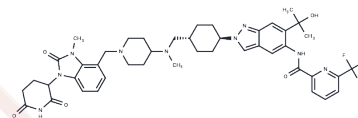
Formula: C44H52F3N9O5

Molecular Weight: 843.94

Keep away from direct sunlight

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	PROTACIRAK4 degrader-13 (Degradar 1) is a selective IRAK4 PROTAC degrader, demonstrating DC50 values of 0.86 nM and 1.1 nM in monocytes and lymphocytes within PBMCs, respectively. It significantly induces TIR signaling activation and inhibits the expression of circulating pro-inflammatory cytokines in a psoriasis mouse model induced by Imiquimod. PROTACIRAK4 degrader-13 is applicable in the study of neutrophilic inflammatory diseases driven by TLR and IL-1R, such as hidradenitis suppurativa (HS) and atopic dermatitis (AD).
Targets(IC50)	Interleukin,IRAK,PROTACs,TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1849 mL	5.9246 mL	11.8492 mL
5 mM	0.237 mL	1.1849 mL	2.3698 mL
10 mM	0.1185 mL	0.5925 mL	1.1849 mL
50 mM	0.0237 mL	0.1185 mL	0.237 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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