

IRAK4-IN-12

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>31</sub>FN<sub>8</sub>O

Molecular Weight: 466.55

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-12 (compound 37) is a potent inhibitor of IRAK4 with an IC <sub>50</sub> of 0.015 μM and demonstrates cellular pIRAK4 potency with an IC <sub>50</sub> of 0.5 μM.
Targets(IC <sub>50</sub> )	Others,IRAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1434 mL	10.717 mL	21.4339 mL
5 mM	0.4287 mL	2.1434 mL	4.2868 mL
10 mM	0.2143 mL	1.0717 mL	2.1434 mL
50 mM	0.0429 mL	0.2143 mL	0.4287 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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