

IRAK4-IN-11

## Chemical Properties

CAS No. :

Formula: C<sub>16</sub>H<sub>19</sub>N<sub>7</sub>O

Molecular Weight: 325.37

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-11 (compound 6) is a potent IRAK4 inhibitor with an IC <sub>50</sub> of 0.008 μM, demonstrating cell pIRAK4 potencies with an IC <sub>50</sub> of 0.19 μM [1].
Targets(IC50)	Others,IRAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0734 mL	15.3671 mL	30.7342 mL
5 mM	0.6147 mL	3.0734 mL	6.1468 mL
10 mM	0.3073 mL	1.5367 mL	3.0734 mL
50 mM	0.0615 mL	0.3073 mL	0.6147 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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