

## IRAK inhibitor 4 trans

### Chemical Properties

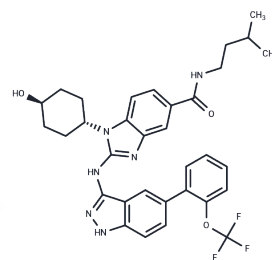
CAS No. :

Formula: C33H35F3N6O3

Molecular Weight: 620.66

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	IRAK inhibitor 4 is a compound that functions as an inhibitor of interleukin-1 receptor-associated kinase 4 (IRAK4). It specifically targets and inhibits the activity of IRAK4. The (trans) form of IRAK inhibitor 4 refers to its specific molecular configuration.
Targets(IC50)	IRAK,SGLT

### Solubility Information

Solubility	DMSO: 38 mg/mL (61.23 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6112 mL	8.0559 mL	16.1119 mL
5 mM	0.3222 mL	1.6112 mL	3.2224 mL
10 mM	0.1611 mL	0.8056 mL	1.6112 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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

Indazole derivatives as modulators of interleukin-1 receptor-associated kinase. Patent WO 2008030584 A2.

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