

IRAK4-IN-19

Chemical Properties

CAS No. :

Formula: C₂₅H₂₆F₂N₈O

Molecular Weight: 492.52

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	IRAK4-IN-19 is a potent inhibitor of interleukin 1 receptor-associated kinase 4 (IRAK4) (IC ₅₀ : 4.3 nM). IRAK4-IN-19 inhibits LPS-induced IL23 production in THP and DC cells and suppresses the development of arthritis in arthritis model rats. IRAK4-IN-19 can be used to study arthritic diseases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0304 mL	10.1519 mL	20.3037 mL
5 mM	0.4061 mL	2.0304 mL	4.0607 mL
10 mM	0.203 mL	1.0152 mL	2.0304 mL
50 mM	0.0406 mL	0.203 mL	0.4061 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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