

## IRAK inhibitor 3

## Chemical Properties

CAS No. : 1012343-93-9

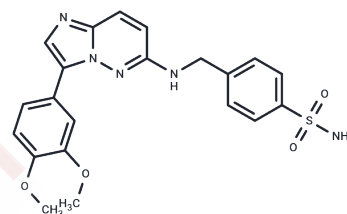
Formula: C<sub>21</sub>H<sub>21</sub>N<sub>5</sub>O<sub>4</sub>S

Molecular Weight: 439.49

Store at low temperature

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 3 is a modulator of interleukin-1 (IL-1) receptor-associated kinase (IRAK).
Targets(IC50)	IRAK
In vitro	IRAK inhibitor 3 can be used for treating an inflammatory condition, cell proliferative disorder, immune disorder.is an IRAK modulator.

## Solubility Information

Solubility	DMSO: 10 mg/mL (22.75 mM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2754 mL	11.3768 mL	22.7536 mL
5 mM	0.4551 mL	2.2754 mL	4.5507 mL
10 mM	0.2275 mL	1.1377 mL	2.2754 mL
50 mM	0.0455 mL	0.2275 mL	0.4551 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

Thomas Durand-Reville, et al. Irak modulators for treating an inflammatory condition, cell proliferative disorder, immune disorder. WO 2008030579 A2.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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