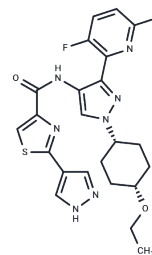


## IRAK4-IN-8

## Chemical Properties

CAS No. :	2033070-97-0
Formula:	C <sub>23</sub> H <sub>23</sub> F <sub>2</sub> N <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	499.54
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	IRAK4-IN-8 (VI-177) is an IRAK4 inhibitor used to study diseases related to cancer and inflammation.
Targets(IC50)	IRAK

## Solubility Information

Solubility	DMSO: 20 mg/mL (40.04 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	2.0018 mL	10.0092 mL	20.0184 mL
5 mM	0.4004 mL	2.0018 mL	4.0037 mL
10 mM	0.2002 mL	1.0009 mL	2.0018 mL
50 mM	0.040 mL	0.2002 mL	0.4004 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

Vanessa Taylor, et al. Compounds and method for treating cytokine release syndrome. WO2021026451A1.

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

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