

AZD4144

## Chemical Properties

CAS No. : 2890191-41-8

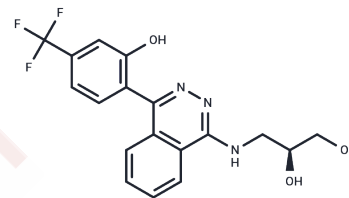
Formula: C<sub>18</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 379.33

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	AZD4144 is an NLRP3 inhibitor that can be used in research related to immune diseases.
Targets(IC50)	NOD

## Solubility Information

Solubility DMSO: 100 mg/mL (263.62 mM),Sonication is recommended.  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6362 mL	13.1811 mL	26.3623 mL
5 mM	0.5272 mL	2.6362 mL	5.2725 mL
10 mM	0.2636 mL	1.3181 mL	2.6362 mL
50 mM	0.0527 mL	0.2636 mL	0.5272 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

Lars Anders Mikael Johansson, et al. NLRP3 INFLAMMASOME INHIBITORS. WO2023275366. JP. 2023-01-05.

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

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