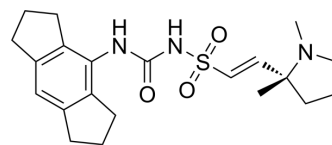


Usnoflast

Cat. No.:	HY-156647		
CAS No.:	2455519-86-3		
Molecular Formula:	C ₂₁ H ₂₉ N ₃ O ₃ S		
Molecular Weight:	403.54		
Target:	NOD-like Receptor (NLR)		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (154.88 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4781 mL	12.3903 mL	24.7807 mL
	5 mM	0.4956 mL	2.4781 mL	4.9561 mL
	10 mM	0.2478 mL	1.2390 mL	2.4781 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Usnoflast is a NLRP3 modulator, as well as a non-steroidal anti-inflammatory agent (NSAD)^[1].

IC₅₀ & Target

NLRP3^[1]

REFERENCES

[1]. Sharma, et al. Novel substituted sulfonylurea derivatives as NLRP3 modulators and their preparation. World Intellectual Property Organization, WO2020148619 A1. 2020-07-23.

Caution: Product has not been fully validated for medical applications. For research use only.

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