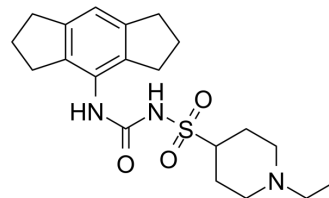


Selnoflast

Cat. No.:	HY-132831	
CAS No.:	2260969-36-4	
Molecular Formula:	C ₂₀ H ₂₉ N ₃ O ₃ S	
Molecular Weight:	391.53	
Target:	NOD-like Receptor (NLR)	
Pathway:	Immunology/Inflammation	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (12.77 mM; ultrasonic and adjust pH to 8 with 1M NaOH)
 1M NaOH : 3.33 mg/mL (8.51 mM; adjust pH to 12 with 1M NaOH)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5541 mL	12.7704 mL	25.5408 mL
	5 mM	0.5108 mL	2.5541 mL	5.1082 mL
	10 mM	0.2554 mL	1.2770 mL	2.5541 mL

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

BIOLOGICAL ACTIVITY

Description

Selnoflast (RO-7486967) Formerly known as Somalix/RG6418/IZD334, Selnoflast is an orally available inhibitor of NLRP3. Selnoflast is used in research into systemic inflammation, such as ulcerative colitis and chronic obstructive pulmonary disease^{[1][2]}.

IC₅₀ & Target

NLRP3

CUSTOMER VALIDATION

- Cell Chem Biol. 2023 Oct 12:S2451-9456(23)00335-5.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Vande Walle L, et al. Drugging the NLRP3 inflammasome: from signalling mechanisms to therapeutic targets. *Nat Rev Drug Discov.* 2023 Nov 29.
- [2]. Klughammer B, et al. A randomized, double-blind phase 1b study evaluating the safety, tolerability, pharmacokinetics and pharmacodynamics of the NLRP3 inhibitor selnoflast in patients with moderate to severe active ulcerative colitis. *Clin Transl Med.* 2023 Nov;13(11):e1471.
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Caution: Product has not been fully validated for medical applications. For research use only.

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