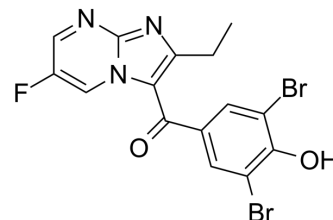


Xininurad

Cat. No.:	HY-147422
CAS No.:	2365178-28-3
Molecular Formula:	C ₁₅ H ₁₀ Br ₂ FN ₃ O ₂
Molecular Weight:	443.07
Target:	URAT1
Pathway:	Membrane Transporter/Ion Channel
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (112.85 mM; Need ultrasonic)			
	Caution: Product has not been fully validated for medical applications. For research uses only.			10 mg
	Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA			
	Preparing Stock Solutions	1 mM	2.2570 mL	22.5698 mL
		5 mM	0.4514 mL	4.5140 mL
	10 mM	0.2257 mL	2.2570 mL	
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.64 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Xininurad (XNW3009) is a urate transporter (URAT) inhibitor ^[1]
IC₅₀ & Target	URAT ^[1]

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.