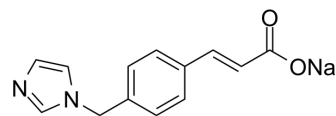


Ozagrel sodium

Cat. No.:	HY-B0428A
CAS No.:	189224-26-8
Molecular Formula:	C ₁₃ H ₁₁ N ₂ NaO ₂
Molecular Weight:	250
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (200.00 mM; Need ultrasonic)					
	DMSO : 6.25 mg/mL (25.00 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		4.0000 mL	20.0000 mL	40.0000 mL
5 mM			0.8000 mL	4.0000 mL	8.0000 mL	
	10 mM		0.4000 mL	2.0000 mL	4.0000 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 70 mg/mL (280.00 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.62 mg/mL (2.48 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.62 mg/mL (2.48 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Ozagrel sodium (OKY-046 sodium) is a thromboxane A ₂ (TXA ₂) synthase inhibitor. Ozagrel sodium is an antiplatelet agent, which selectively inhibits human platelet aggregation with an IC ₅₀ of 53.12 μM ^[1] .
IC₅₀ & Target	TXA ₂

REFERENCES

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

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