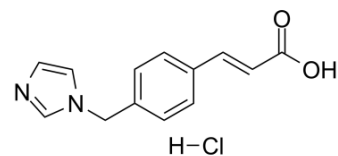


Ozagrel hydrochloride

Cat. No.:	HY-B0428B
CAS No.:	78712-43-3
Molecular Formula:	C ₁₃ H ₁₃ ClN ₂ O ₂
Molecular Weight:	264.71
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	DMSO : 250 mg/mL (944.43 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.7777 mL	18.8886 mL	37.7772 mL
		5 mM		0.7555 mL	3.7777 mL	7.5554 mL
		10 mM		0.3778 mL	1.8889 mL	3.7777 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (7.86 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (7.86 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (7.86 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Ozagrel hydrochloride (OKY-046 hydrochloride) is a thromboxane A ₂ (TXA ₂) synthase inhibitor. Ozagrel hydrochloride 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.

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