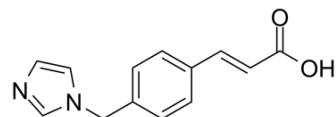


## Ozagrel

Cat. No.:	HY-B0428		
CAS No.:	82571-53-7		
Molecular Formula:	C <sub>13</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>		
Molecular Weight:	228.25		
Target:	Prostaglandin Receptor		
Pathway:	GPCR/G Protein		
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 : 50 mg/mL (219.06 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		4.3812 mL	21.9058 mL	43.8116 mL
		5 mM		0.8762 mL	4.3812 mL	8.7623 mL
10 mM			0.4381 mL	2.1906 mL	4.3812 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution					

### BIOLOGICAL ACTIVITY

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

### REFERENCES

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

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