



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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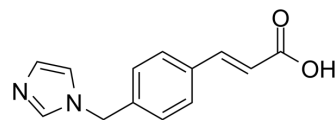
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## Ozagrel

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	2 years
		-20°C	1 year



### 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	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution</li> </ol>			

### BIOLOGICAL ACTIVITY

Description	Ozagrel (OKY-046) is an anti-asthmatic agent and 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>

### CUSTOMER VALIDATION

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- Nat Commun. 2020 Apr 14;11(1):1792.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

## REFERENCES

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[1]. Max Seidy Saito, et al. Antiplatelet pyrazolopyridines derivatives: pharmacological, biochemical and toxicological characterization. J Enzyme Inhib Med Chem. 2016 Dec;31(6):1591-601.

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

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