



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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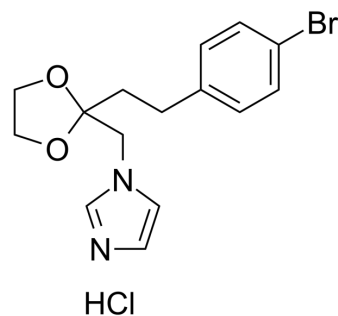
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OB-24

Cat. No.:	HY-118487
CAS No.:	939825-12-4
Molecular Formula:	C ₁₅ H ₁₈ BrClN ₂ O ₂
Molecular Weight:	373.67
Target:	Others
Pathway:	Others
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 : 100 mg/mL (267.62 mM); ultrasonic and warming and heat to 80°C					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.6762 mL	13.3808 mL	26.7616 mL
		5 mM		0.5352 mL	2.6762 mL	5.3523 mL
	10 mM		0.2676 mL	1.3381 mL	2.6762 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: 2.5 mg/mL (6.69 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.69 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (6.69 mM); Clear solution; Need ultrasonic 					

BIOLOGICAL ACTIVITY

Description	OB-24 is a potent inhibitor of heme oxygenase-1 (HO-1). Heme oxygenase-1, a member of the heat shock protein family, plays a key role as a sensor and regulator of oxidative stress. OB-24 significantly inhibited cell proliferation in vitro and tumor growth and lymph node/lung metastases in vivo. OB-24 has potential for the research of advanced prostate cancer (PCA) ^[1] .
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REFERENCES

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

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