



SZABO SCANDIC

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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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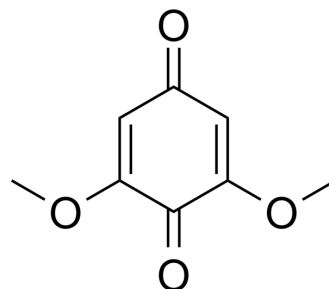
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2,6-Dimethoxy-1,4-benzoquinone

Cat. No.:	HY-N1677		
CAS No.:	530-55-2		
Molecular Formula:	C ₈ H ₈ O ₄		
Molecular Weight:	168.15		
Target:	Bacterial; Parasite		
Pathway:	Anti-infection		
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 : 5.56 mg/mL (33.07 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.9471 mL	29.7354 mL	59.4707 mL
		5 mM	1.1894 mL	5.9471 mL	11.8941 mL
10 mM		0.5947 mL	2.9735 mL	5.9471 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: ≥ 0.56 mg/mL (3.33 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.56 mg/mL (3.33 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	2,6-Dimethoxy-1,4-benzoquinone, a natural phytochemical, is a known haustorial inducing factor. 2,6-Dimethoxy-1,4-benzoquinone exerts anti-cancer, anti-inflammatory, anti-adipogenic, antibacterial, and antimalaria effects ^[1] .
IC ₅₀ & Target	Plasmodium

REFERENCES

[1]. Tomonori Kamiya, et al. 2,6-Dimethoxy-1,4-benzoquinone, isolation and identification of anti-carcinogenic, anti-mutagenic and anti-inflammatory component from the juice of Vitis coignetiae. Food Chem Toxicol. 2018 Dec;122:172-180.

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

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