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

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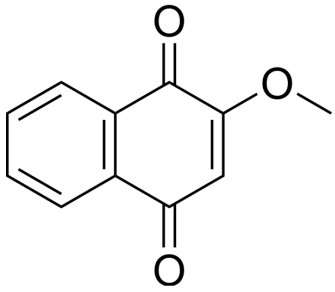
Lawsone methyl ether



Cat. No.:	HY-N7116
CAS No.:	2348-82-5
Molecular Formula:	$C_{11}H_8O_3$
Molecular Weight:	188.18
Target:	Fungal; Bacterial
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 : 50 mg/mL (265.70 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	5.3141 mL	26.5703 mL	53.1406 mL
	5 mM	1.0628 mL	5.3141 mL	10.6281 mL
	10 mM	0.5314 mL	2.6570 mL	5.3141 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Lawsone methyl ether (2-Methoxy-1,4-naphthoquinone), isolated from Impatiens balsamina L. and Swertia calycina, exhibits potent antifungal and antibacterial activities[1].

In Vitro

The value of both minimal inhibitory concentration and minimal fungicidal concentration of Lawsone methyl ether (2-Methoxy-1,4-naphthoquinone) against Candida was 1.25 lg?ml[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sritrairat N, et al. Antifungal activity of lawsone methyl ether in comparison with chlorhexidine. J Oral Pathol Med. 2011 Jan;40(1):90-6.

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

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