



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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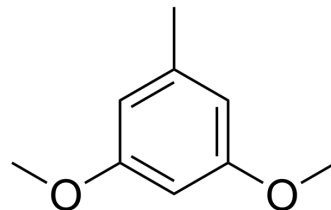
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3,5-Dimethoxytoluene

Cat. No.:	HY-W010235		
CAS No.:	4179-19-5		
Molecular Formula:	C ₉ H ₁₂ O ₂		
Molecular Weight:	152.19		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (657.06 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.5706 mL	32.8530 mL	65.7060 mL
	5 mM		1.3141 mL	6.5706 mL	13.1412 mL
	10 mM		0.6571 mL	3.2853 mL	6.5706 mL

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

BIOLOGICAL ACTIVITY

Description

3,5-Dimethoxytoluene, a methylated phenolic derivative, is one of characteristic scent compounds emitted from flowers of most rose varieties. 3,5-Dimethoxytoluene shows significant fumigant toxicity against *L. serricorne* and *L. bostrychophila* with LC₅₀ values of 4.99 mg/L air and 0.91 mg/L air, respectively^[1].

REFERENCES

[1]. Yang Wang, et al. Toxic and Repellent Effects of Volatile Phenylpropenes from *Asarum heterotropoides* on *Lasioderma serricorne* and *Liposcelis bostrychophila*. *Molecules*. 2018 Aug 24;23(9):2131.

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

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