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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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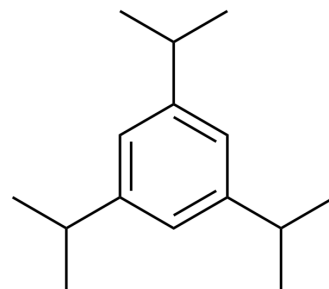
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1,3,5-Triisopropylbenzene

Cat. No.:	HY-W012472
CAS No.:	717-74-8
Molecular Formula:	C ₁₅ H ₂₄
Molecular Weight:	204.36
Target:	Others
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 (489.33 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.8933 mL	24.4666 mL	48.9333 mL
		5 mM		0.9787 mL	4.8933 mL	9.7867 mL
		10 mM		0.4893 mL	2.4467 mL	4.8933 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.23 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	1,3,5-Triisopropylbenzene acts as a fuel and fuel additive. 1,3,5-Triisopropylbenzene is also used in lubricants and lubricant additives. 1,3,5-Triisopropylbenzene is used as a micelle expander ^[1] .
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REFERENCES

[1]. Sharif F. Zaman, et al. Kinetics of Desorption of 1,3-Diisopropylbenzene and 1,3,5-Triisopropylbenzene. 2. Diffusion in FCC Catalyst Particles by Zero Length Column Method. Ind. Eng. Chem. Res. 2015, 54, 16, 4572-4580.

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

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