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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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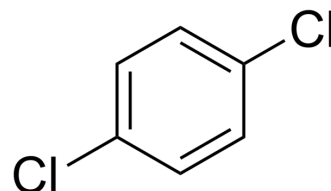
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1,4-Dichlorobenzene

Cat. No.:	HY-Y0496
CAS No.:	106-46-7
Molecular Formula:	C ₆ H ₄ Cl ₂
Molecular Weight:	147
Target:	Insecticide
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 : 100 mg/mL (680.25 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		6.8025 mL	34.0127 mL	68.0254 mL
		5 mM		1.3605 mL	6.8025 mL	13.6051 mL
		10 mM		0.6803 mL	3.4013 mL	6.8025 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: ≥ 2.5 mg/mL (17.01 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	1,4-Dichlorobenzene is used as an intermediate product in the manufacture of pigments, pesticides and disinfectants. 1,4-Dichlorobenzene is also employed as a moth control agent ^[1] .
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REFERENCES

[1]. M. Tschickardt. Dichlorobenzene isomers (1,2-dichlorobenzene, 1,3-dichlorobenzene and 1,4 dichlorobenzene).

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

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