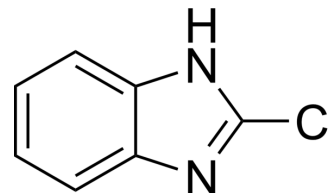


2-Chlorobenzimidazole

Cat. No.:	HY-W015575	
CAS No.:	4857-06-1	
Molecular Formula:	C ₇ H ₅ ClN ₂	
Molecular Weight:	152.58	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (655.39 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	6.5539 mL	32.7697 mL	65.5394 mL
5 mM	1.3108 mL	6.5539 mL	13.1079 mL
10 mM	0.6554 mL	3.2770 mL	6.5539 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (16.38 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.38 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2-Chlorobenzimidazole is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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