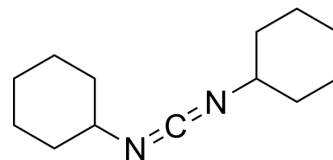


## N,N-Dicyclohexylcarbodiimide(DCC)

Cat. No.:	HY-Y1092
CAS No.:	538-75-0
Molecular Formula:	C <sub>13</sub> H <sub>22</sub> N <sub>2</sub>
Molecular Weight:	206.33
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (484.66 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.8466 mL	24.2330 mL	48.4660 mL
		5 mM		0.9693 mL	4.8466 mL	9.6932 mL
		10 mM		0.4847 mL	2.4233 mL	4.8466 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 (12.12 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.12 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.12 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	N,N-Dicyclohexylcarbodiimide(DCC) is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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