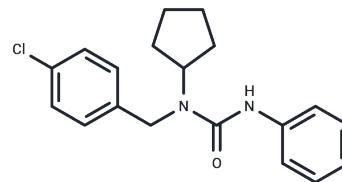


Pencycuron

Chemical Properties

CAS No. : 66063-05-6
Formula: C₁₉H₂₁ClN₂O
Molecular Weight: 328.84
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pencycuron (Monceren) is a phenylurea fungicide.
Targets(IC50)	Others
In vitro	Pencycuron is a non-systemic protective fungicide for controlling sheath blight of rice[1].

Solubility Information

Solubility	DMSO: 10 mg/mL (30.41 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.041 mL	15.205 mL	30.4099 mL
5 mM	0.6082 mL	3.041 mL	6.082 mL
10 mM	0.3041 mL	1.5205 mL	3.041 mL
50 mM	0.0608 mL	0.3041 mL	0.6082 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Pal R , Chakrabarti K , Chakraborty A , et al. Dissipation of pencycuron in rice plant[J]. Journal of Zhejiang University-Science B(Biomedicine & Biotechnology), 2005, 6(8):756-758.
Wang Y S , Huang Y J , Chen W C , et

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