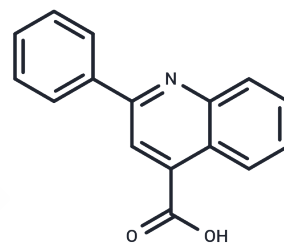


Cinchophen

Chemical Properties

CAS No. :	132-60-5
Formula:	C ₁₆ H ₁₁ NO ₂
Molecular Weight:	249.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cinchophen (Cinconal), an analgesic drug, is utilized in treating gout.
Targets(IC50)	COX
In vivo	Cinchophen is a potent antimicrobial agent. When used in combination with prednisolone in animals, it is effective in the treatment of arthritis.

Solubility Information

Solubility	Ethanol: 5 mg/mL (20.06 mM),Sonication is recommended. DMSO: 50 mg/mL (200.59 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0119 mL	20.0594 mL	40.1188 mL
5 mM	0.8024 mL	4.0119 mL	8.0238 mL
10 mM	0.4012 mL	2.0059 mL	4.0119 mL
50 mM	0.0802 mL	0.4012 mL	0.8024 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

Cutrín Prieto C, et al. Med Clin (Barc), 1991, 97(3), 104-106

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