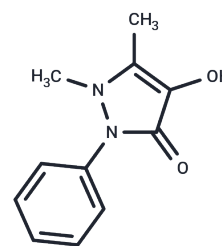


4-Hydroxyantipyrine

Chemical Properties

CAS No. :	1672-63-5
Formula:	C ₁₁ H ₁₂ N ₂ O ₂
Molecular Weight:	204.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	4-Hydroxyantipyrine is formed during oxidative deamination of aminopyrine.
Targets(IC50)	COX

Solubility Information

Solubility	DMSO: 45 mg/mL (220.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8964 mL	24.4822 mL	48.9644 mL
5 mM	0.9793 mL	4.8964 mL	9.7929 mL
10 mM	0.4896 mL	2.4482 mL	4.8964 mL
50 mM	0.0979 mL	0.4896 mL	0.9793 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

Brune K, Neubert A. Clin Exp Rheumatol. 2001 Nov-Dec;19(6 Suppl 25):S51-7.

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