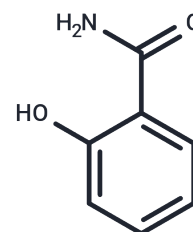


Salicylamide

Chemical Properties

CAS No. :	65-45-2
Formula:	C7H7NO2
Molecular Weight:	137.14
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Salicylamide (2-Hydroxybenzamide) is an over-the-counter drug with analgesic and antipyretic properties, which has similar medicinal properties to aspirin. In the over-the-counter pain remedies, Salicylamide is used in combination with both aspirin and caffeine.
Targets(IC50)	COX

Solubility Information

Solubility	DMSO: 55 mg/mL (401.05 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.2918 mL	36.4591 mL	72.9182 mL
5 mM	1.4584 mL	7.2918 mL	14.5836 mL
10 mM	0.7292 mL	3.6459 mL	7.2918 mL
50 mM	0.1458 mL	0.7292 mL	1.4584 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

Manin AN, et al. J Phys Chem B. 2014 Jun 19;118(24):6803-14.

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