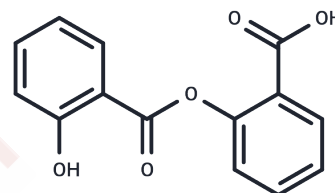


Salsalate

Chemical Properties

CAS No. :	552-94-3
Formula:	C ₁₄ H ₁₀ O ₅
Molecular Weight:	258.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Salsalate (Sasapyrine) is an orally available salicylate and non-steroidal anti-inflammatory drug (NSAID), with anti-inflammatory, analgesic and antipyretic activities.
Targets(IC50)	Reactive Oxygen Species, COX

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 49 mg/mL (189.75 mM), Sonication is recommended. DMSO: 55 mg/mL (212.99 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	3.8725 mL	19.3626 mL	38.7252 mL
5 mM	0.7745 mL	3.8725 mL	7.745 mL
10 mM	0.3873 mL	1.9363 mL	3.8725 mL
50 mM	0.0775 mL	0.3873 mL	0.7745 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

Stichtenoth DO, et al. Med Klin (Munich). 1998 Jul 15;93(7):407-15.

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