

Isoamyl salicylate

Chemical Properties

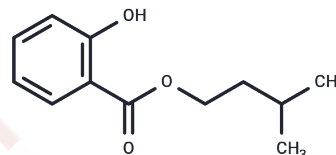
CAS No. : 87-20-7

Formula: C₁₂H₁₆O₃

Molecular Weight: 208.25

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Isoamyl salicylate is an ester compound widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8019 mL	24.0096 mL	48.0192 mL
5 mM	0.9604 mL	4.8019 mL	9.6038 mL
10 mM	0.4802 mL	2.401 mL	4.8019 mL
50 mM	0.096 mL	0.4802 mL	0.9604 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chemsa AE, et al. Chemical composition, antioxidant, anticholinesterase, antimicrobial and antibiofilm activities of essential oil and methanolic extract of *Anthemis stiparum* subsp. *sabulicola* (Pomel) Oberpr. *Microb Pathog.* 2018 Jun;119:233-240.

Api AM, et al. RIFM fragrance ingredient safety assessment, isoamyl salicylate, CAS registry number 87-20-7. *Food Chem Toxicol.* 2015 Oct;84 Suppl:S110-21.

de Nicolaï P. A smelling trip into the past: the influence of synthetic materials on the history of perfumery. *Chem Biodivers.* 2008 Jun;5(6):1137-46.

Jiang T, et al. Preparation of mesoporous titania solid superacid and its catalytic property. *J Hazard Mater.* 2008 Nov 30;159(2-3):204-9.

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