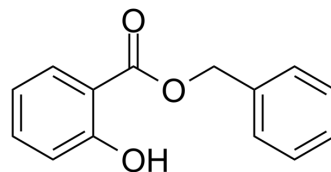


Benzyl salicylate

Cat. No.:	HY-B1556
CAS No.:	118-58-1
Molecular Formula:	C ₁₄ H ₁₂ O ₃
Molecular Weight:	228.24
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (438.14 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.3814 mL	21.9068 mL	43.8135 mL
		5 mM	0.8763 mL	4.3814 mL	8.7627 mL
		10 mM	0.4381 mL	2.1907 mL	4.3814 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Benzyl salicylate is a salicylic acid benzyl ester. It can be used as a fragrance additive or UV light absorber.
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REFERENCES

[1]. María A Pastor-Nieto, et al. Sensitization to benzyl salicylate and other allergens in patients with frontal fibrosing alopecia. Contact Dermatitis. 2021 Jun;84(6):423-430.

Caution: Product has not been fully validated for medical applications. For research use only.

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