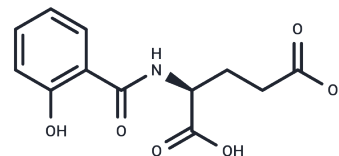


Salicylglutamic acid

Chemical Properties

CAS No. : 3441-69-8
Formula: C₁₂H₁₃NO₆
Molecular Weight: 267.23
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Salicylglutamic acid, as a conjugate of salicylic acid and glutamic acid, can be used to prolong the blood concentration of salicylic acid.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7421 mL	18.7105 mL	37.4209 mL
5 mM	0.7484 mL	3.7421 mL	7.4842 mL
10 mM	0.3742 mL	1.871 mL	3.7421 mL
50 mM	0.0748 mL	0.3742 mL	0.7484 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

Nakamura J, Asai K, Nishida K, Sasaki H. A novel prodrug of salicylic acid, salicylic acid-glutamic acid conjugate utilizing hydrolysis in rabbit intestinal microorganisms. Chem Pharm Bull (Tokyo). 1992 Aug;40(8):2164-8. PubMed

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