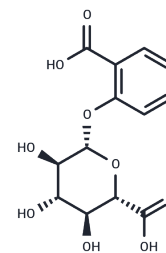


1-Salicylate Glucuronide

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 7695-70-7 |
| Formula: | C ₁₃ H ₁₄ O ₉ |
| Molecular Weight: | 314.25 |
| Storage: | Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | 1-Salicylate Glucuronide (Salicylic Acid b-D-O-Glucuronide) is a metabolite of salicylic acid after glucuronidation, promoting excretion. |
| Targets(IC50) | Drug Metabolite |

Solubility Information

| | |
|------------|---|
| Solubility | H ₂ O: < 1 mg/mL (insoluble or slightly soluble) Methanol: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.1822 mL | 15.9109 mL | 31.8218 mL |
| 5 mM | 0.6364 mL | 3.1822 mL | 6.3644 mL |
| 10 mM | 0.3182 mL | 1.5911 mL | 3.1822 mL |
| 50 mM | 0.0636 mL | 0.3182 mL | 0.6364 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

Kuehl, G.E., Bigler, J., Potter, J.D., et al. Glucuronidation of the aspirin metabolite salicylic acid by expressed UDP-glucuronosyltransferases and human liver microsomes *Drug Metab. Dispos.* 34(2)199-202(2006)

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