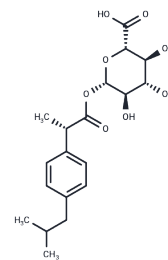


(S)-Ibuprofen acyl- β -D-glucuronide

Chemical Properties

CAS No. :	98649-76-4
Formula:	C ₁₉ H ₂₆ O ₈
Molecular Weight:	382.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(S)-Ibuprofen acyl- β -D-glucuronide ((S)-Ibuprofen glucuronide) serves as a crucial analytical tool in examining the metabolic pathways and pharmacokinetic profile of S-ibuprofen, a widely used non-steroidal anti-inflammatory drug. This compound is specifically an acylglucuronic acid metabolite of S-ibuprofen, synthesized primarily in the liver [1].
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6151 mL	13.0753 mL	26.1506 mL
5 mM	0.523 mL	2.6151 mL	5.2301 mL
10 mM	0.2615 mL	1.3075 mL	2.6151 mL
50 mM	0.0523 mL	0.2615 mL	0.523 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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