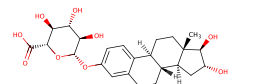


Estriol 3-β-D-Glucuronide (sodium salt)

Chemical Properties

CAS No. :	15087-06-6
Formula:	C ₂₄ H ₃₁ NaO ₉
Molecular Weight:	486.49
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	Estriol 3-β-D-glucuronide is a metabolite of estriol . It is formed from estriol by the UDP-glucuronosyltransferase (UGT) isoform UGT1A10. Estriol 3-β-D-glucuronide binds to basolateral and canalicular liver plasma membranes with K _d values of 85 and 164 μM, respectively. It competitively inhibits the hydrolysis of 4-methylumbelliferyl-β-D-glucuronide and is a substrate for hydrolysis by Klotho-human IgG1 Fc protein (KLFc).
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	Methanol: Slightly soluble DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0555 mL	10.2777 mL	20.5554 mL
5 mM	0.4111 mL	2.0555 mL	4.1111 mL
10 mM	0.2056 mL	1.0278 mL	2.0555 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 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.

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