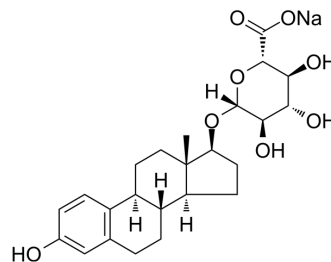


Estradiol 17-(β-D-Glucuronide) (sodium)

Cat. No.:	HY-129987
CAS No.:	15087-02-2
Molecular Formula:	C ₂₄ H ₃₁ NaO ₈
Molecular Weight:	470.49
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 66.67 mg/mL (141.70 mM; ultrasonic and adjust pH to 3 with 1M HCl)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.1254 mL	10.6272 mL	21.2544 mL	
5 mM	0.4251 mL	2.1254 mL	4.2509 mL	
10 mM	0.2125 mL	1.0627 mL	2.1254 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Estradiol 17-(β-D-Glucuronide) sodium, a metabolite of estrogen, is well known to cause intrahepatic cholestasis in humans [1].

REFERENCES

[1]. Kinbara S, et al. Improvement of estradiol-17 beta-D-glucuronide-induced cholestasis by sodium tauroursodeoxycholate therapy in rats. Scand J Gastroenterol. 1997;32(9):947-952.

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

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