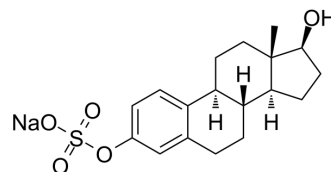


17β-Estradiol sulfate sodium

Cat. No.:	HY-141672
CAS No.:	4999-79-5
Molecular Formula:	C ₁₈ H ₂₃ NaO ₅ S
Molecular Weight:	374.43
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°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

Methanol : 10.07 mg/mL (26.89 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6707 mL	13.3536 mL	26.7073 mL
	5 mM	0.5341 mL	2.6707 mL	5.3415 mL
	10 mM	0.2671 mL	1.3354 mL	2.6707 mL

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

BIOLOGICAL ACTIVITY

Description

17β-Estradiol sulfate (sodium), also known as β-Estradiol 3-sulfate sodium salt, is a neuroactive steroid^{[1][2]}.

In Vitro

17β-Estradiol sulfate (sodium) is a neuroactive steroid^{[1][2]}.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Research Square Preprint. 2021 Oct.
- Research Square Preprint. 2021 Oct.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Li W, et al. Neuroactive steroids and human recombinant rho1 GABAC receptors. J Pharmacol Exp Ther. 2007;323(1):236-247.

[2]. Schneider C, et al. A novel enzyme-linked immunosorbent assay for ethynylestradiol using a long-chain biotinylated EE2 derivative. Steroids. 2004;69(4):245-253.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA