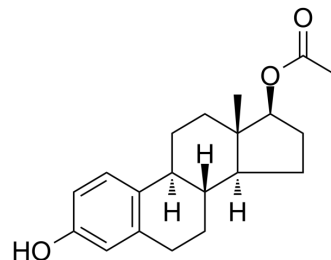


β-Estradiol 17-acetate

Cat. No.:	HY-B0708		
CAS No.:	1743-60-8		
Molecular Formula:	C ₂₀ H ₂₆ O ₃		
Molecular Weight:	314.42		
Target:	Estrogen Receptor/ERR		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 37.5 mg/mL (119.27 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1805 mL	15.9023 mL	31.8046 mL
	5 mM	0.6361 mL	3.1805 mL	6.3609 mL
	10 mM	0.3180 mL	1.5902 mL	3.1805 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 1.88 mg/mL (5.98 mM); Suspended solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1.88 mg/mL (5.98 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1.88 mg/mL (5.98 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

β-Estradiol 17-acetate is a metabolite of estradiol. Target: Others β-Estradiol 17-acetate is a metabolite of estradiol.

REFERENCES

[1]. <http://en.wikipedia.org/wiki/Estradiol>

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