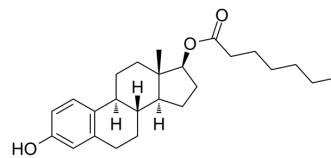


Estradiol enanthate

Cat. No.:	HY-B1830
CAS No.:	4956-37-0
Molecular Formula:	C ₂₅ H ₃₆ O ₃
Molecular Weight:	384.55
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (325.06 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6004 mL	13.0022 mL	26.0044 mL
	5 mM	0.5201 mL	2.6004 mL	5.2009 mL
	10 mM	0.2600 mL	1.3002 mL	2.6004 mL

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

BIOLOGICAL ACTIVITY

Description

Estradiol enanthate is a shorter-acting estrogen. The combination of Estradiol enanthate and dihydroxyprogesterone acetophenide can be used as a monthly injectable contraceptive^{[1][2]}.

REFERENCES

[1]. Coutinho EM, et al. Comparison of two regimens of a monthly injectable contraceptive containing dihydroxyprogesterone acetophenide and estradiol enanthate. *Contraception*. 2006;73(3):249-252.

[2]. Thomas DB, et al. Monthly injectable steroid contraceptives and cervical carcinoma. *Am J Epidemiol*. 1989;130(2):237-247.

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

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