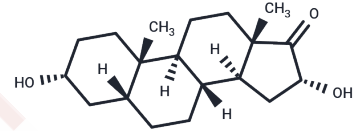


16 α -Hydroxyetiocholanolone

Chemical Properties

CAS No. :	14167-50-1
Formula:	C19H30O3
Molecular Weight:	306.446
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	16 α -Hydroxyetiocholanolone is a metabolite of 16 α -hydroxydehydroisoandrosterone (16 α -DHEA) and androstenedione. ^{1,2}
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	Acetonitrile: 1 mg/mL (3.26 mM),Sonication is recommended. Ethanol: 1 mg/mL (3.26 mM),Sonication is recommended. Methanol: 1 mg/mL (3.26 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2632 mL	16.3159 mL	32.6318 mL
5 mM	0.6526 mL	3.2632 mL	6.5264 mL
10 mM	0.3263 mL	1.6316 mL	3.2632 mL
50 mM	0.0653 mL	0.3263 mL	0.6526 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.

Reference

- Lai, E.Y., and Solomon, S.The in vivo metabolism of 16-hydroxydehydroisoandrosterone in man *Biochemistry*6(7) 2040-2052(1967)
- Christakoudi, S., Cowan, D.A., Christakudis, G., et al.21-hydroxylase deficiency in the neonate - trends in steroid anabolism and catabolism during the first weeks of life. *Steroid Biochem. Mol. Biol.*138334-347(2013)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481