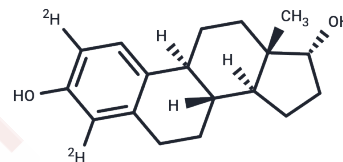


17alpha-Estradiol-2,4-D2

Chemical Properties

CAS No. :	81586-94-9
Formula:	C ₁₈ H ₂₂ D ₂ O ₂
Molecular Weight:	274.39
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	17alpha-Estradiol-2,4-D2 is a deuterated compound of 17alpha-Estradiol. 17alpha-Estradiol (T3378) has a CAS number of 57-91-0. Endogenous estrogen receptor ligand (K _i values are 0.2 and 1.2 nM for ER α and ER β receptors respectively).
Targets(IC50)	Reductase,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6444 mL	18.2222 mL	36.4445 mL
5 mM	0.7289 mL	3.6444 mL	7.2889 mL
10 mM	0.3644 mL	1.8222 mL	3.6444 mL
50 mM	0.0729 mL	0.3644 mL	0.7289 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

Santos RS, et al. The effects of 17 alpha-estradiol to inhibit inflammation in vitro. Biol Sex Differ. 2017 Sep 6;8:30.

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