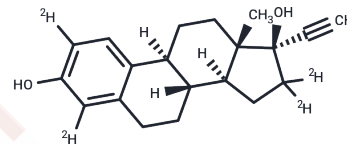


17 α -Ethinylestradiol-2,4,16,16-D4

Chemical Properties

CAS No. :	350820-06-3
Formula:	C ₂₀ H ₂₀ D ₄ O ₂
Molecular Weight:	300.43
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	17 α -Ethinylestradiol-2,4,16,16-D4 is a deuterated compound of 17 α -Ethinylestradiol. 17 α -Ethinylestradiol (T1424) has a CAS number of 57-63-6. Ethinyl estradiol is a semisynthetic alkylated ESTRADIOL with a 17-alpha-ethinyl substitution. It has high estrogenic potency when administered orally, and is often used as the estrogenic component in ORAL CONTRACEPTIVES.
Targets(IC50)	Estrogen Receptor/ERR,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3286 mL	16.6428 mL	33.2856 mL
5 mM	0.6657 mL	3.3286 mL	6.6571 mL
10 mM	0.3329 mL	1.6643 mL	3.3286 mL
50 mM	0.0666 mL	0.3329 mL	0.6657 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.

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