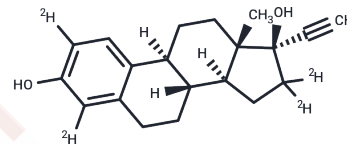


17 α -Ethinylestradiol-2,4,16,16-D4

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

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