

## Estradiol

Catalog No: #S1048

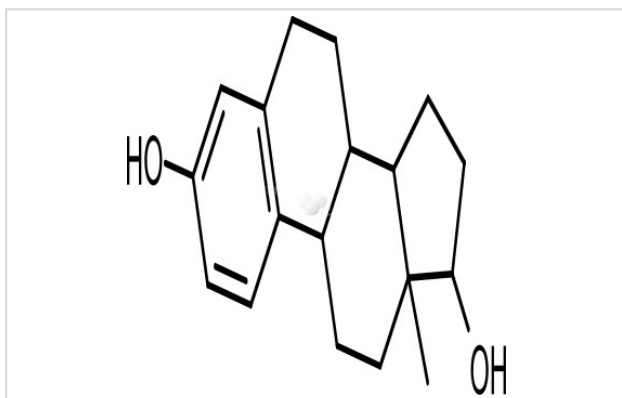
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## Description

Product Name	Estradiol
Brief Description	Inhibitors
Purification	99.50%
Target Name	Estrogen/progestogen Receptor agonist
Calculated MW	272.38
Formulation	C18H24O2
Storage	3 years -20°C powder;2 years -80°C in solvent;

## Images



## Product Description

Research Area:Endocrine

systemSMILES:C[C@]12CC[C@H]3[C@H]([C@@H]1CC[C@@H]2O)CCC4=C3C=CC(=C4)O  
 Pathways:Endocrinology/HormonesReceptor:ER  
 Boling pt:445.9C  
 Melting pt:178-179C  
 Solubility:Ethanol: 5 mg/mL (18.35 mM); DMSO: 54 mg/mL (198.25 mM)  
 Appearance:White Powder  
 Remark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.  
 Stock solution can be stored below -20 °C for several month.

## References

1. Takabe K, et al. J Biol Chem, 2010, 285(14), 10477-10486.

Note: This product is for in vitro research use only