

Product Data Sheet

Product Name: 11 α -hydroxy Testosterone

Cat. No.: GC40528

Chemical Properties

Cas. No. 3066-12-4

SMILES O[C@H]1CC[C@@]2([H])[C@]3([H])CCC([C@@](CC4)(C)[C@@]3([H])[C@H](O)C[C@@]21C)=CC4=O

Formula C₁₉H₂₈O₃

M.Wt 304.4

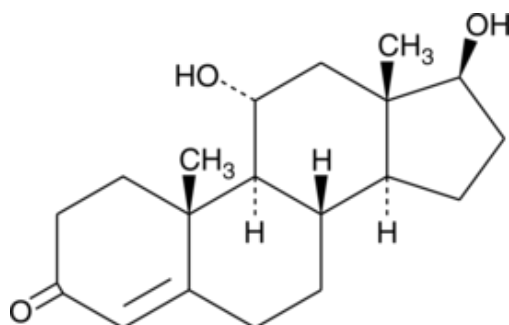
Solubility Ethanol: 1 mg/ml

Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

11 α -hydroxy Testosterone is a metabolite of testosterone, produced by the cytochrome P450 (CYP) isoform CYP3A. It can also be generated from testosterone by a mutant of CYP107A1 and from 11 α -hydroxy progesterone by the fungus *B. bassiana*. The biological activity of this metabolite has not been elucidated.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA