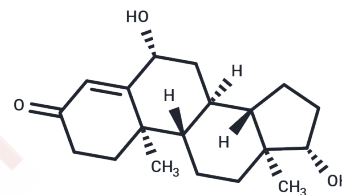


6 β -hydroxy Testosterone

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 62-99-7 |
| Formula: | C ₁₉ H ₂₈ O ₃ |
| Molecular Weight: | 304.42 |
| Storage: | Store at low temperature, Keep away from moisture 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 | 6 β -hydroxy Testosterone (4-Androsten-6 β ,17 β -diol-3-one) is a 17 β -hydroxy steroid, an androgen and endogenous metabolite, obtained by metabolizing testosterone. |
| Targets(IC50) | Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2849 mL | 16.4247 mL | 32.8494 mL |
| 5 mM | 0.657 mL | 3.2849 mL | 6.5699 mL |
| 10 mM | 0.3285 mL | 1.6425 mL | 3.2849 mL |
| 50 mM | 0.0657 mL | 0.3285 mL | 0.657 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

Yoshimoto FK, Guerrero SQ, Ho TM, Arman HD. Synthesis of 6 β -hydroxy androgens from a 3,5-diene steroid precursor to test for cytochrome P450 3A4-catalyzed hydroxylation of androstenedione. Steroids. 2023 Nov;199:109298.

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