

Product Name	: Dihydrotestosterone(DHT)
Synonyms	: androstanolone; stanolone; 5 α -DHT
Cat No.	: M20270
CAS Number	: 521-18-6
Molecular Formula	: C ₁₉ H ₃₀ O ₂
Formula Weight	: 290.44
Chemical Name	: 5-alpha-Androstan-3-one 17-beta-hydroxy-
Description	: Dihydrotestosterone is a potent androgenic metabolite of testosterone. It is an agonist of the androgen receptor.
Pathway	: Endocrinology/Hormones
Target	: Androgen Receptor (AR)
Receptor	: Androgen Receptor
Solubility	: DMSO: 50 mg/mL (172.15 mM); Ethanol: 50 mg/mL (172.15 mM); Water: Insoluble
SMILES	: <chem>[H][C@@]12CC[C@H](O)[C@@]1(C)CC[C@@]1([H])[C@@]2([H])CC[C@@]2([H])CC(=O)CC[C@]12C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zheng Y et al. Dihydrotestosterone upregulates the expression of epidermal growth factor receptor and ERBB2 in androgen receptor-positive bladder cancer cells. *Endocr Relat Cancer*. 2011 Jul 4; 18(4):451-64.