

Dihydrotestosterone (DHT) Biochemical

Dihydrotestosterone (DHT)

CATALOG #
AAA201952

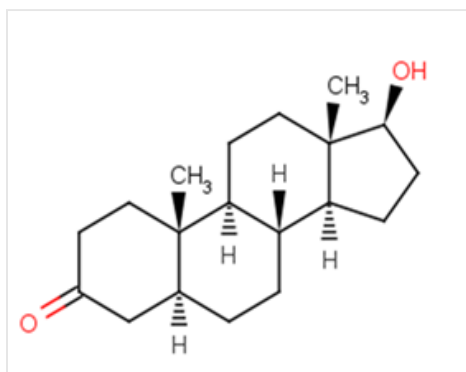
PRODUCT SYNONYMS

Dihydrotestosterone (DHT); androstanolone; stanolone; 5alpha-DHT; Dihydrotestosterone (DHT) biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	Analytical data HPLC: 98%
Solubility	DMSO: 50mg/mL (172.15mM) Ethanol: 50mg/mL (172.15mM) Water: Insoluble
Target	Androgen Receptor (AR)
Receptor	Androgen Receptor
Pathway	Endocrinology/Hormones
NMR	Consistent with structure
Chemical Name	5-alpha-Androstan-3-one 17-beta-hydroxy
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>
Molecular Formula	C ₁₉ H ₃₀ O ₂
CAS Number	521-18-6
Preparation and Storage	Store at -20 degrees C.

IMAGES



Structure
Dihydrotestosterone(DHT) ; CAS No. 521-18-6

ADDITIONAL INFORMATION

Related Product Information for
Dihydrotestosterone (DHT) biochemical

Dihydrotestosterone is a potent androgenic metabolite of testosterone. It is an agonist of the androgen receptor.

Product Categories/Family for Dihydrotestosterone (DHT) biochemical	Hypogonadism ; Endocrinology/Hormones ; Metabolic Disease
References	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.

NCBI AND UNIPROT INFORMATION

Molecular Weight	290.44
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/dihydrotestosterone-dht/201952>