

Product Information

Cat. No. T-162

TESTOSTERONE, 17 β -DECANOATE

TESTOSTERONE CAPRINATE; 17 β -HYDROXYANDROST-4-EN-3-ONE DECANOATE

Androgen.

Mol. Formula:

C₂₉H₄₆O₃

Mol. Wt.:

442.68 (anhyd.)

m.p.:

47-48°C

CAS Registry No.:

5721-91-5

Chemical Name:

(17 β)-17-[(1-Oxodexyl)oxy]-androst-4-en-3-one

Physical Properties:

White photosensitive solid. $[\alpha]_D^{22} = +74.34^\circ$ (c = 0.49, dioxane).

Caution:

The pharmacology of this compound is incompletely characterized and due care should be exercised in its use. Avoid skin contact, ingestion or inhalation.

Storage:

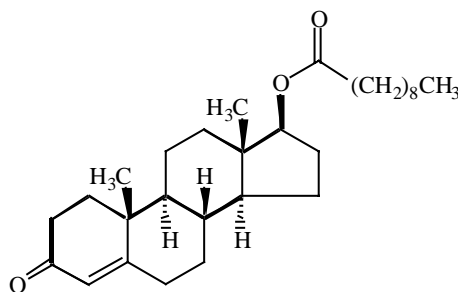
Store tightly sealed at 4°C, protected from exposure to light.

Solubility:

Soluble in ethanol (32 mg/ml) or water (< 0.5 mg/ml). Solubility in 45% aqueous (w/v) 2-hydroxypropyl- β -cyclodextrin (Cat. No. H-107): 1.53 mg/ml.

Disposal:

Dissolve or mix the compound with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. This product is controlled by the Drug Enforcement Administration. Appropriate security must be maintained until the substance is destroyed. Records must be kept which detail the ultimate disposition of the material.



References:

1. Ahima, R.S., Harlan, R.E. "Regulation of glucocorticoid receptor immunoreactivity in the rat hippocampus by androgenic-anabolic steroids." *Brain Res.* **585(1-2)**, 311 (1992).
2. Rivas-Arancibia, S., Vazquez-Pereyra, F. "Hormonal modulation of extinction responses induced by sexual steroid hormones in rats." *Life Sci.* **54(21)**, PL363 (1994).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (III)

11/94