PRODUCT INFORMATION

Testosterone Decanoate
Item No. 22544

CAS Registry No.: 5721-91-5
Formal Name: 17β-[(1-oxodecyl)oxy]-androst-4-en-3-one
Synonym: NSC 26642
MF: C_{29}H_{46}O_{3}
FW: 442.7
Purity: ≥98%
UV/Vis.: λ_{max}: 241 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Testosterone decanoate (Item No. 22544) is an analytical reference standard categorized as an anabolic androgenic steroid that can be detected in urine, blood, and hair.\(^1\) It is an ester of the naturally occurring androgen, testosterone (Item Nos. 15645 | ISO60154) with a longer half-life. Testosterone decanoate reduces mortality and proteinuria in a murine model of lupus.\(^4\) Formulations containing testosterone decanoate in combination with etonogestrel (Item No. 21062) have been investigated for use as a long-acting male contraceptive.\(^5\) Anabolic steroids, including testosterone decanoate, have been used to enhance physical performance in racehorses and athletes.\(^6,7\) This product is intended for research and forensic applications.

References


WARNING

This product is for research only - not for human or veterinary diagnostic or therapeutic use.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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