

Product Information

Cat. No. F7751
FLUOXYMESTERONE--DEA SCHEDULE III
ANDROFLUORENE

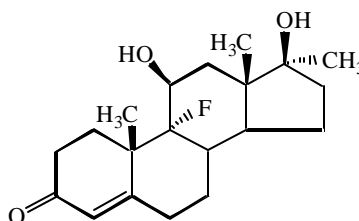
Androgen.

Mol. Formula: C₂₀H₂₉FO₃

Mol. Wt.: 336.45 (anhyd.)

m.p.: 288-290°C

CAS Registry No.: 76-43-7



Chemical Name: 4-Androsten-9 α -fluoro-17 α -methyl-11 β ,17 β -diol-3-one

Physical Properties: White photosensitive solid. $[\alpha]_D^{22} = +102.34^\circ$ (c = 0.47, EtOH).

Caution: Due care should be exercised to prevent skin contact, ingestion or inhalation of this compound.

Storage: Store tightly sealed at room temperature, protected from exposure to light.

Solubility: Soluble in ethanol (7.3 mg/ml) or water (< 0.5 mg/ml). Solubility in 45% aqueous (w/v) 2-hydroxypropyl- β -cyclodextrin (Cat. No. H-107): 6.4 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. *Merck Index 11th Ed.*, No. 4113.
2. Saborido, A., Vila, J., Molano, F., Megias, A. "Effect of steroids on mitochondria and sarcotubular system of skeletal muscle." *J. Appl. Physiol.* **70(3)**, 1038 (1991).
3. Fernandez, L., Chirino, R., Boada, L.D., Navarro, D., Cabrera, N., del Rio, I., Diaz-Chico, B.N. "Stanozolol and danazol, unlike natural androgens, interact with the low affinity glucocorticoid-binding sites from male rat liver microsomes." *Endocrinology* **134(3)**, 1401 (1994).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (III)

Rev. 1/95