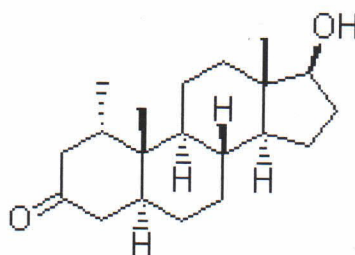




Batch no 20230101
Mf date Jan 20 2023
Expiry Jan 19 2026

Molecular Structure



Molecular Formula $C_{20}H_{32}O_2$
Molecular Weight 304.47
CAS Registry Number 1424-00-6

Mar 21 2023

Tests	Specifications	Results
Appearance	White or yellowish crystalline powder	White crystalline powder
Solubility	Practically insoluble in water, sparingly soluble in acetone, in ethyl acetate and in methanol	Conforms
Identification	IR	Positive
Melting range	206 ~ 211°C	206 ~ 208°C
Heavy metals	≤ 20 ppm	< 10 ppm
Loss on drying	≤ 0.5%	0.2%
Specific rotation	+20 ~ +24°	+23.5°
Residue on ignition	≤ 0.1%	0.02%
Related substances (by HPLC)	17β-hydroxy-1α-methylandroster-4-en-3-one ≤ 0.5% Any other impurity ≤ 0.25%	0.23% 0.2%
Impurity B (by TLC)	Total impurities ≤ 0.75%	0.5%
Assay (odb)	1α-methyl-5α-androstane-3β,17β-diol ≤ 0.5% 98.0 ~ 102.0%	Conforms 98.9%

Packaging and storage	Preserve in well-closed, light-resistant containers
Conclusion	Material complies with BP2015

