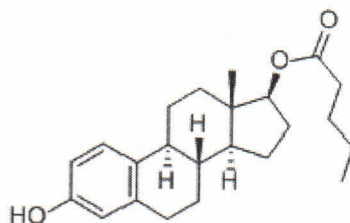


Batch no 250101
Mf date Jan 21 2025
Expiry Jan 20 2029

Molecular Structure



Molecular Formula $C_{23}H_{32}O_3$
Molecular Weight 356.5
CAS Registry Number 979-32-8

Apr 08 2025

Tests	Specifications	Results
Appearance	White powder	Conforms
Identification	IR	Positive
Melting point	143 ~ 150°C	149.2 ~ 149.5°C
Specific optical rotation	+41 ~ +47°	+43.8°
Water	≤ 0.1%	0.07%
Limit of Estradiol	≤ 1.0%	0.01%
Ordinary impurities	≤ 2.0%	0.32%
Free acid	≤ 0.5%	Conforms
Residual solvents	Methanol ≤ 3000 ppm Methylene chloride ≤ 600 ppm	223.14 ppm ND
Particle size	----	100% ≤ 20 µm
Assay (oab)	98.0 ~ 102.0% of $C_{23}H_{32}O_3$	100.99%

Packaging & storage	Preserve in tight, light-resistant containers
Conclusion	Material complies with USP43