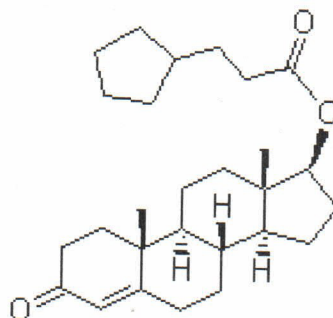


Batch no TSC/925002
Mf date Jan 2025
Retest Dec 2027
Batch size 10.032 kg

Molecular Structure



Molecular Formula $C_{27}H_{40}O_3$
Molecular Weight 412.61
CAS Registry Number 58-20-8

May 20 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or practically white crystalline powder	White crystalline powder
Identification	IR	Positive
Specific rotation	$+85 \sim +92^\circ$ (C=2, chloroform)	$+90^\circ$
Melting point	$98 \sim 104^\circ\text{C}$	$101 \sim 102^\circ\text{C}$
Loss on drying	$\leq 0.5\%$	0.2%
Free cyclopentanepropionic acid	$\leq 0.2\%$	0.02%
Residue on ignition	$\leq 0.2\%$	0.09%
Assay (odb) HPLC	$97.0 \sim 103.0\%$ of $C_{27}H_{40}O_3$	100.4%

Packaging & storage	Preserve in tight and light-resistant containers. Store at room temperature.
Conclusion	Material complies with USP44