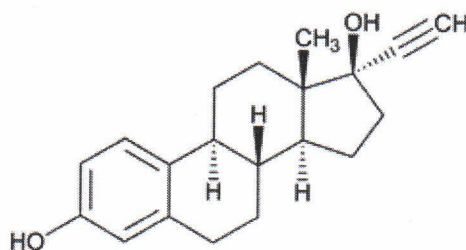


Batch no 73804402405002  
 Mf date May 05 2024  
 Retest May 04 2026  
 Batch size 19.32 kg

Molecular Structure



Molecular Formula  $C_{20}H_{24}O_2$   
 Molecular Weight 296.40  
 CAS Registry Number 57-63-6

May 13 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or slightly yellowish-white crystalline powder	Conforms
Identification	IR	Positive
Melting point	Absorptivities at 281nm $\leq 3.0\%$ 180 ~ 186°C	0 181 ~ 184°C
Specific optical rotation	+28.0 ~ +29.5°	+29.1°
Clarity of solution	It should be clarified & no insoluble solid	Conforms
Loss on drying	$\leq 1.0\%$	0.22%
Residual solvents	Acetone $\leq 5000$ ppm Ethanol $\leq 5000$ ppm Tetrahydrofuran $\leq 720$ ppm	236 ppm ND ND
Particle size	d(0.9) < 10 $\mu$ m	Conforms
Assay (odb)	97.0 ~ 102.0% of $C_{20}H_{24}O_2$	99.9%

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