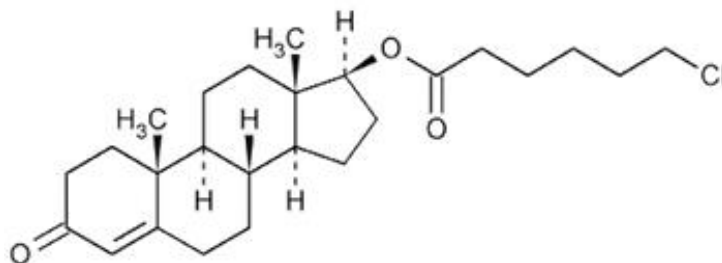


Testosterone Enanthate USP



Batch no TSE/26011
Mf date Jun 2026
Retest May 2029

Molecular Structure



Molecular Formula $C_{26}H_{40}O_3$
Molecular Weight 400.59
CAS Registry Number 315-37-7

Jul 07 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or creamy white crystalline powder, is odorless or has a faint odor characteristic of heptanoic acid	White crystalline powder
Solubility	Very soluble in ether; soluble in vegetable oils; insoluble in water	Conforms
Identification	IR, UV	Positive
Melting range	34 ~ 39°C	36°C
Specific rotation (20 mg/mL in dioxane)	+77 ~ +82°	+80.6°
Water	≤ 0.5%	0.43%
Free heptanoic acid	≤ 0.6 mL of 0.01N sodium hydroxide required	0.5 mL
Related substances	The single impurity ≤ 1.0% Total impurities ≤ 2.0%	Conforms Conforms
Assay	97.0 ~ 103.0% of $C_{26}H_{40}O_3$	99.1%

Packaging & storage	Preserve in well-closed containers, and store in a cool place, store at 2 ~ 8°C
Conclusion	Material complies with USP

