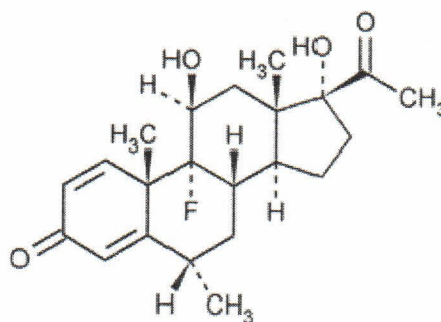


Batch no 250311-8  
Mf date Mar 13 2025  
Exp date Mar 12 2028

Molecular Structure



Molecular Formula  $C_{22}H_{29}FO_4$   
Molecular Weight 376.46  
CAS Registry Number 426-13-1

Jun 26 2025

Tests	Specifications	Results
Appearance	White to almost crystalline powder	Conforms
Identification	IR, UV, TLC	Positive
Melting point	275 ~ 280°C	278°C
Loss on drying	≤ 1.0%	0.13%
Residue on ignition	≤ 0.2%	0.08%
Specific rotation	+52 ~ 60°	+56.2°
Related substances	Single impurity ≤ 1.0%	0.46%
	Total impurities ≤ 2.0%	0.85%
Residual solvents	Dimethylformamide ≤ 880 ppm	Conforms
	Acetone ≤ 5000 ppm	Conforms
	Methanol ≤ 3000 ppm	Conforms
	Dichloromethane ≤ 600 ppm	ND
Particle size	99% < 10 μm	Conforms
Assay (HPLC) odb	97.0 ~ 103.0%	98.8%

Packaging & storage	Preserve in tight, light-resistant containers.
Conclusion	Material complies with USP38