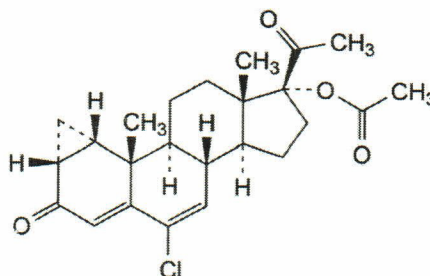


Batch no 6010-260501
Mf date May 05 2026
Retest May 04 2031

Molecular Structure



Molecular Formula $C_{24}H_{29}ClO_4$
Molecular Weight 416.9
CAS Registry Number 427-51-0

Jun 29 2026

Tests	Specifications	Results
Appearance	White or almost white crystalline powder	Conforms
Solubility	Practically insoluble in water, very soluble in methylene chloride, freely soluble in acetone, soluble in methanol, sparingly soluble in ethanol	Conforms
Identification	IR	Positive
Melting point	About 210°C	210.4°C
Specific optical rotation	+152 ~ +157°	+155°
Loss on drying	≤ 0.5%	0.1%
Related substances	Impurity E ≤ 0.2%	ND
	Impurity G ≤ 0.15%	ND
	Impurity F ≤ 0.4%	0.05%
	Impurity B ≤ 0.15%	ND
	Impurity C ≤ 0.15%	ND
	Unspecified impurity ≤ 0.1%	0.04%
	Total impurities ≤ 0.5%	0.16%
Residual solvents	Chloroform ≤ 60 ppm	< 22 ppm
	Methanol ≤ 3000 ppm	ND
	Ethyl acetate ≤ 5000 ppm	< 5 ppm
	Methylene chloride ≤ 600 ppm	ND
Sulfated ash	≤ 0.1%	0.05%
Assay (odb)	97.0 ~ 103.0%	100.3%

Packaging & storage	Protected from light
Conclusion	Material complies with EP11