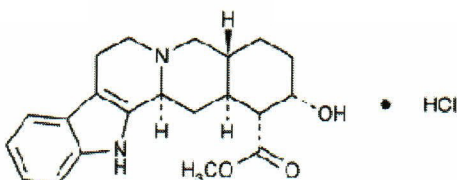


Batch no YN20260310
Mf date Mar 10 2026
Retest Mar 09 2028

Molecular Structure



Molecular Formula $C_{21}H_{26}N_2O_3 \cdot HCl$
Molecular Weight 390.91
CAS Registry Number 65-19-0

Apr 22 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Description	White to light yellow powder, characteristic	Conforms
Solubility	Soluble in boiling water; slightly soluble in water and in alcohol	Conforms
Identification	IR, UV, TLC, chemical method	Positive
Optical rotation	+100 ~ +150°	+103.4°
Loss on drying	≤ 1.0%	0.55%
Residual solvents	Methanol ≤ 3000 ppm Ethylene dichloride ≤ 1870 ppm Chloroform ≤ 60 ppm	Conforms Conforms Conforms
Chromatographic purity	≤ 1.0%	Conforms
Individual sum of purity	≤ 2.0%	Conforms
Related substances	Single impurity ≤ 1.0% Total impurities ≤ 2.0%	Conforms Conforms
Microbiology limits	Total plate count ≤ 1000 cfu/gr Yeast & mold ≤ 100 cfu/gr E. Coli Negative Salmonella Negative Staphy aureus Negative	Conforms Conforms Negative Negative Negative
Assay (HPLC) odb	98.0 ~ 102.0%	99.5%

Packaging & storage	Preserve in tight containers, and store at controlled room temperature
Conclusion	Material complies with USP42