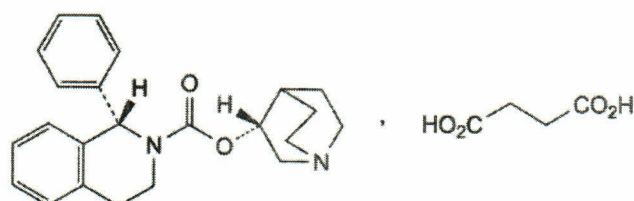


Batch no 260103
Mf date Jan 29 2026
Retest Jan 28 2031
Batch size 113.9 kg

Molecular Structure



Molecular Formula $C_{27}H_{32}N_2O_6$
Molecular Weight 480.6
CAS Registry Number 242478-38-2

Mar 31 2026

Tests	Specifications	Results
Appearance	White or light yellow powder	Conforms
Solubility	Very soluble or freely soluble in water, soluble in ethanol 96%, practically insoluble in heptane	Conforms
Identification	IR, RRT	Positive
Related substances (HPLC)	Unspecified impurities $\leq 0.1\%$ Total impurities $\leq 0.3\%$	$< 0.02\%$ $< 0.02\%$
Isomeric purity	Impurity F $\leq 0.15\%$ Impurity G $\leq 0.15\%$ Impurity H $\leq 0.15\%$	ND ND ND
Impurity E (TLC)	$\leq 0.1\%$	$< 0.1\%$
Loss on drying	$\leq 0.5\%$	0.13%
Sulfated ash	$\leq 0.1\%$	0.01%
Residual solvents (GC)	Ethanol ≤ 5000 ppm Acetone ≤ 5000 ppm Methyl tert-butyl ether ≤ 5000 ppm Ethyl acetate ≤ 5000 ppm N,N-Dimethylformamide ≤ 880 ppm	79 ppm ND ND 110 ppm ND
Assay (odb)	99.0 ~ 101.0% of $C_{27}H_{32}N_2O_6$	100.5%
Packaging & storage	In an airtight container	
Conclusion	Material complies with EP12	