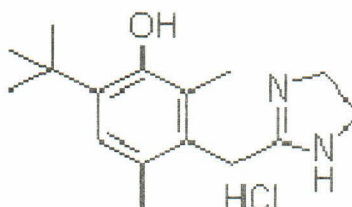


Batch no OMZ-129
Mf date Sep 24 2025
Retest Sep 23 2028

Molecular Structure



Molecular Formula $C_{16}H_{24}N_2O \cdot HCl$
Molecular Weight 296.84
CAS Registry Number 2315-02-8

Feb 10 2026

Tests	Specifications	Results
Appearance	A white to practically off white, fine crystalline powder, hygroscopic	Conforms
Solubility	Soluble in water, in alcohol, practically insoluble in benzene, in chloroform and in ether	Conforms
Identification	IR, HPLC, Chloride test	Positive
Melting point	Should melts at about 300°C with decomposition	Conforms
pH	4.0 ~ 6.5	5.51
Loss on drying	≤ 1.0%	0.11%
Residue on ignition	≤ 0.1%	0.049%
Organic impurities	Related compound A ≤ 0.15% Any individual impurity ≤ 0.1% Total impurities ≤ 0.5%	0.017% 0.036% 0.102%
Residual solvents	Methanol ≤ 1000 ppm Acetone ≤ 1000 ppm Isopropyl alcohol ≤ 1000 ppm Ethyl acetate ≤ 1000 ppm Dimethyl sulfoxide ≤ 1000 ppm Toluene ≤ 500 ppm	50 ppm ND ND ND ND ND
Additional solvent	Benzene ≤ 2 ppm	ND
Assay (odb) HPLC	98.5 ~ 101.5%	99.66%

Packaging & storage	Preserve in well-closed containers
Conclusion	Material complies with USP43