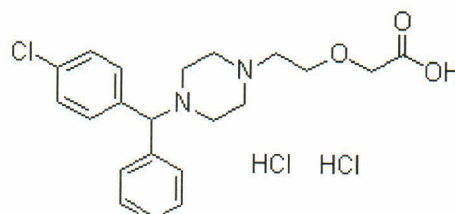


Molecular Structure



Molecular Formula $C_{21}H_{25}ClN_2O_3 \cdot 2HCl$

Molecular Weight 461.81

CAS Registry Number 83881-52-1

Jun 22 2026

Tests	Specifications	Results
Appearance	White or off-white powder	Conforms
Solubility	Soluble in water, almost insoluble in dichloromethane or acetone	Conforms
Identification	IR, UV	Positive
Related substances	Impurity A	ND
	Impurity B	ND
	Impurity C	ND
	Impurity D	ND
	Impurity E	ND
	Impurity F	ND
	Individual unknown impurity	ND
	Total impurity	ND
Loss on drying	≤ 0.5%	0.4%
Residue on ignition	≤ 0.2%	0.1%
pH	1.2 ~ 1.8	1.5
Residual solvents	Acetone	< 0.23%
	Methylene chloride	< 0.03%
	Benzene	ND
	Toluene	0.007%
	N, n-Dimethylformamide	0.018%
Assay (odb)	99.0 ~ 101.0% of $C_{21}H_{25}ClN_2O_3 \cdot 2HCl$	99.4%

Packaging & storage	Preserve in tight containers and store in a dry place
Conclusion	Material complies with EP10.0 