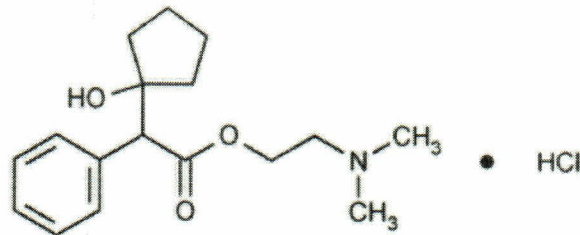


Molecular Structure



Molecular Formula $C_{17}H_{25}NO_3 \cdot HCl$

Molecular Weight 327.85

CAS Registry Number 5870-29-1

Oct 30 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>	
Appearance	White or almost white crystalline powder	White crystalline powder	
Solubility	Very soluble in water, freely soluble in ethanol	96% Conforms	
Identification	IR, HPLC, chloride test	Positive	
Loss on drying	≤ 0.5%	0.39%	
pH (1% solution)	4.5 ~ 5.5	4.9	
Residue on ignition	≤ 0.05%	0.01%	
Chromatographic purity (HPLC)	Individual impurity	≤ 1.0%	0.177%
	Total impurities	≤ 2.0%	0.410%
Residual solvents	Diethyl ether	≤ 5000 ppm	185 ppm
	Acetone	≤ 5000 ppm	1807 ppm
	Hexane	≤ 290 ppm	BDL
	Toluene	≤ 890 ppm	49 ppm
Assay (HPLC) odb	98.0 ~ 102.0% of $C_{17}H_{25}NO_3 \cdot HCl$	99.55%	

Packaging & storage	Preserve in tight containers, and store in a cold place.
Conclusion	Material complies with USP