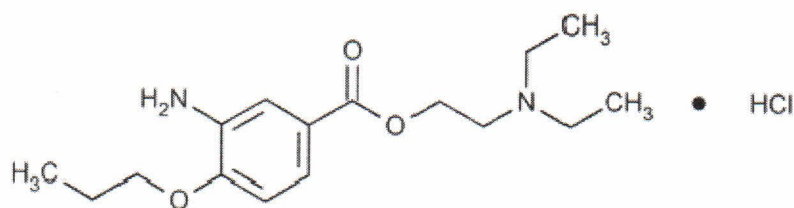


Proparacaine HCl

Batch no 20240901
Mf date Sep 10 2024
Retest Sep 09 2026

Molecular Structure



Molecular Formula $C_{16}H_{26}N_2O_3 \cdot HCl$
Molecular Weight 330.85
CAS Registry Number 5875-06-9

Oct 18 2024

Tests	Specifications	Results
Appearance	White or almost white powder	Almost white powder
Solubility	Slightly soluble in ethanol, soluble in water, practically insoluble in ethyl acetate	Conforms
Identification	UV, reaction of chloride	Positive
Melting point	178 ~ 185°C, and the range $\leq 2^\circ C$	181.5 ~ 182.1°C
Loss on drying	$\leq 0.5\%$	0.1%
Residual on ignition	$\leq 0.1\%$	0.02%
Heavy metals (Pb)	≤ 10 ppm	Conforms
pH	5.7 ~ 6.4	6.2
Related substances	Maximum single impurity $\leq 0.1\%$ Total impurities $\leq 0.5\%$	0.03% 0.05%
Assay (odb)	97.0 ~ 103.0% of $C_{16}H_{26}N_2O_3 \cdot HCl$	99.8%

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