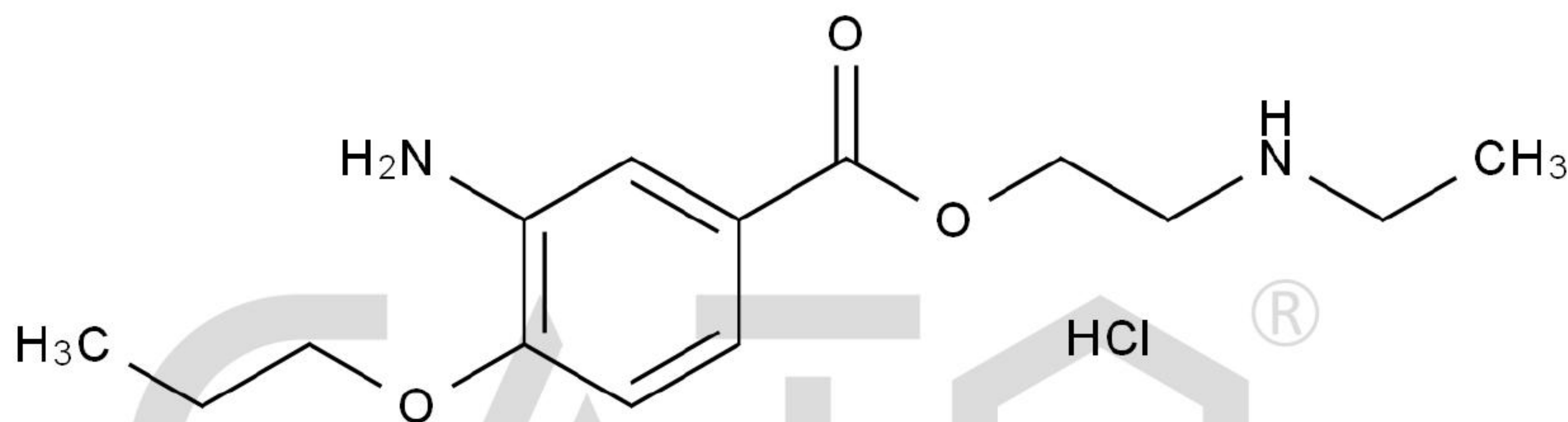


Certificate of Analysis

Reference Material & Standard

Product Name:	Proparacaine Impurity 25 HCl	Catalogue Number:	C4X-202725
Synonyms:	N/A	Lot Number:	0905-RD-0071
CAS Number:	1081544-05-9	Expiry Date:	Sep 03, 2029
Molecular Formula:	C ₁₄ H ₂₂ N ₂ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.34 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.453%
Loss On Drying	TGA	5.4913%
Assay		90.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 10, 2025

Date: Sep 10, 2025

Date: Sep 10, 2025



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