

Certificate of Analysis

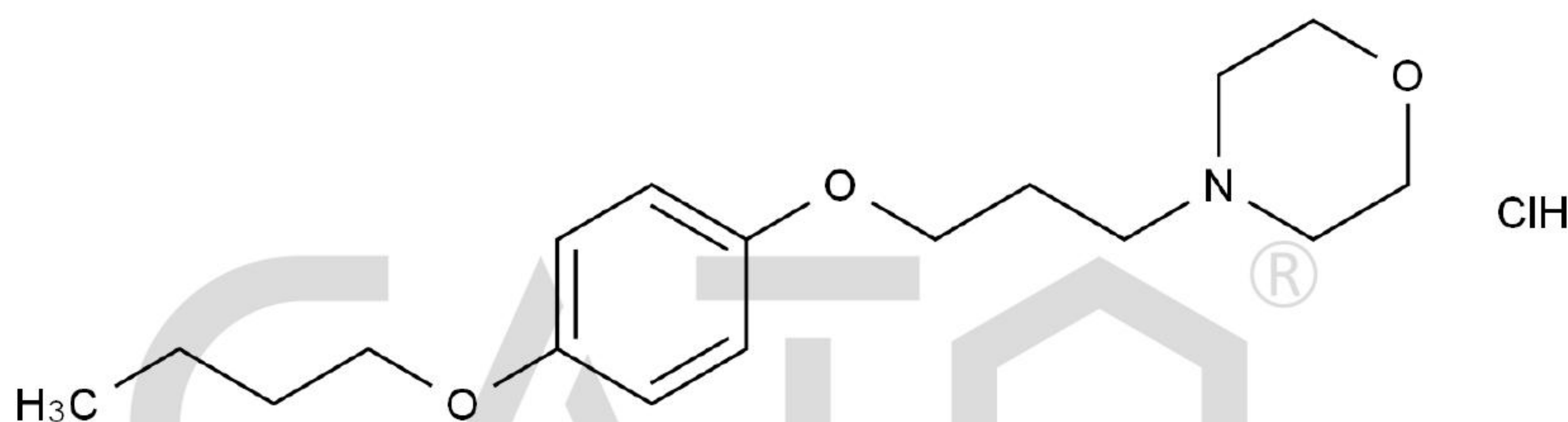
Reference Material & Standard

Product Name:	Pramocaine Hydrochloride	Catalogue Number:	CCAD301711
Synonyms:	N/A	Lot Number:	0818-RC-0114
CAS Number:	637-58-1	Expiry Date:	Aug 27, 2030
Molecular Formula:	C ₁₇ H ₂₇ NO ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	293.40 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0000%
Residue on Ignition	TGA	0.4194%
Loss on Drying	TGA	0.0273%
Assay		99.6%
Uncertainty		±0.1%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 28, 2026

Date: Aug 28, 2026

Date: Aug 28, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official WeChat