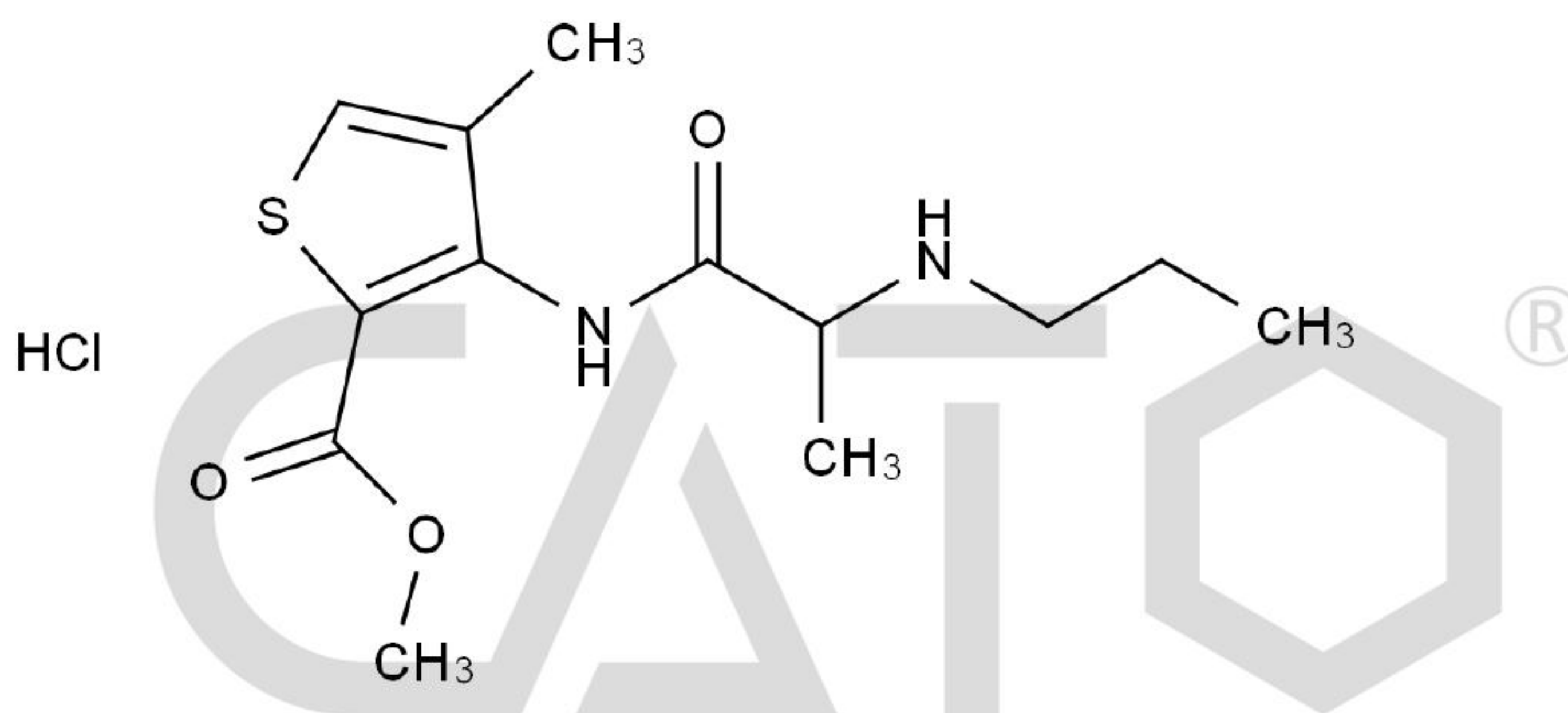


Certificate of Analysis

Reference Material & Standard

Product Name:	Articaine Hydrochloride	Catalogue Number:	C4X-1912
Synonyms:	N/A	Lot Number:	0226-RH-0042
CAS Number:	23964-57-0	Expiry Date:	Feb 27, 2030
Molecular Formula:	C ₁₃ H ₂₀ N ₂ O ₃ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	284.37 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.6374%
Loss On Drying	TGA	0.0385%
Assay		99.3%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 28, 2026

Date: Feb 28, 2026

Date: Feb 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>

