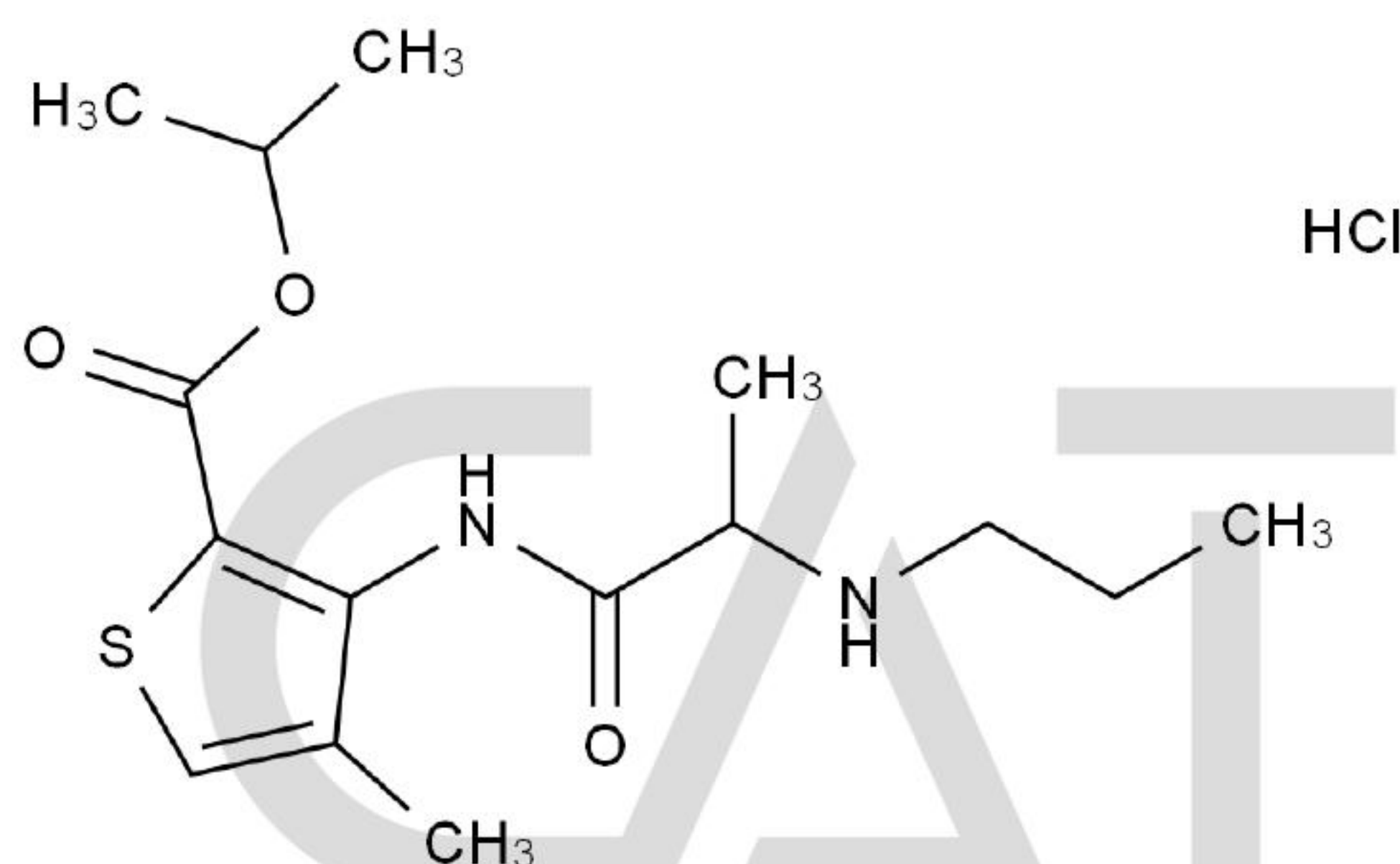


Certificate of Analysis

Reference Material & Standard

Product Name:	Articaine EP Impurity C	Catalogue Number:	C4X-19124
Synonyms:	N/A	Lot Number:	1031-RG-0074
CAS Number:	2984093-98-1	Expiry Date:	Nov 02, 2029
Molecular Formula:	C ₁₅ H ₂₄ N ₂ O ₃ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	312.43 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.294%
Loss on Drying	TGA	2.2758%
Assay		97.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 03, 2025

Date: Nov 03, 2025

Date: Nov 03, 2025



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