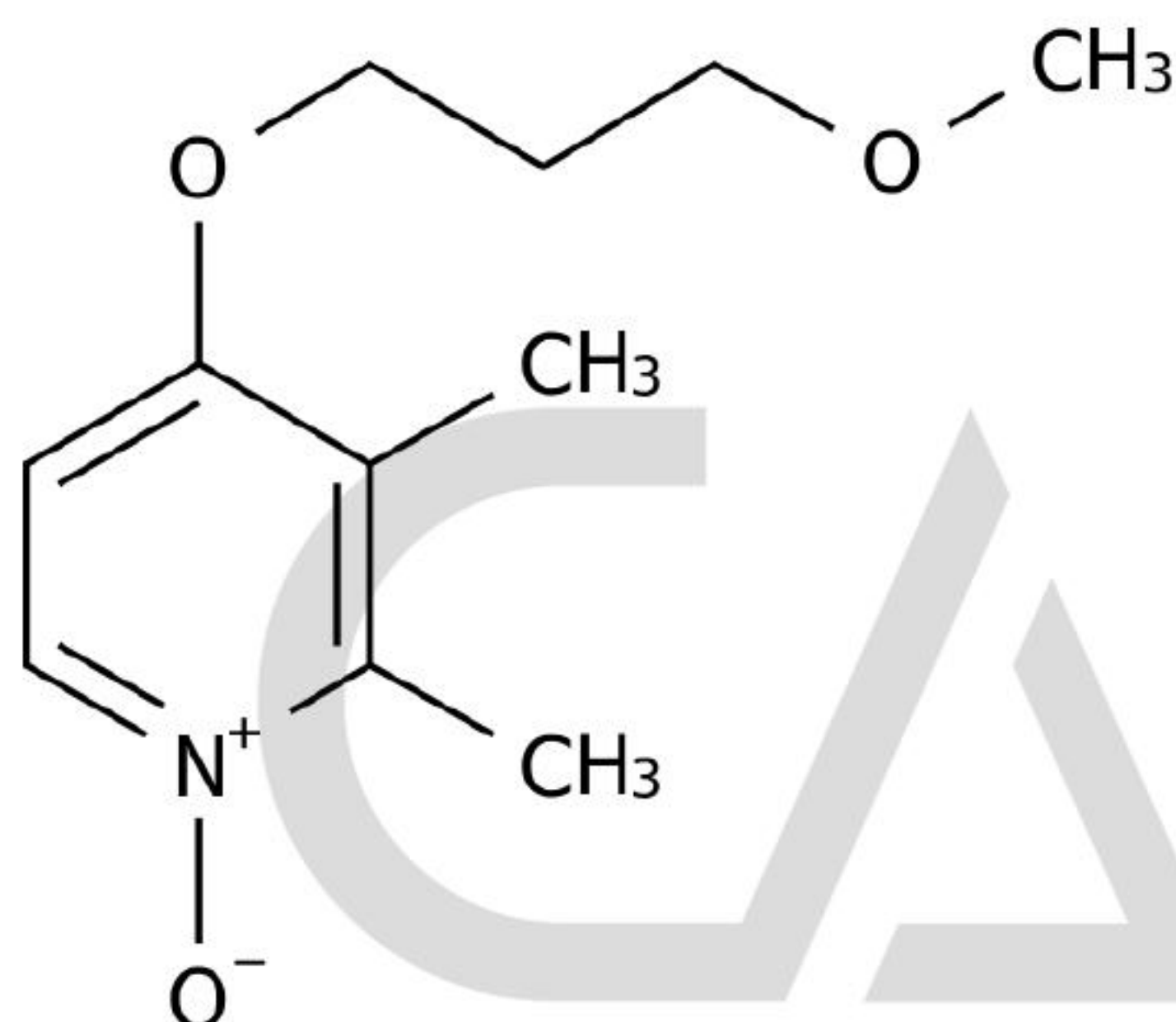


Certificate of Analysis

Reference Material & Standard

Product Name:	Rabeprazole Impurity 41	Catalogue Number:	C4X-112141
Synonyms:	4-(3-Methoxypropoxy)-2,3-dimethylpyridine 1-oxide	Lot Number:	1229-RG-0099
CAS Number:	117977-18-1	Expiry Date:	Dec 30, 2029
Molecular Formula:	C ₁₁ H ₁₇ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	211.26	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.476%
Loss On Drying	TGA	12.0869%
Assay		86.6%

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: Dec 31, 2025

Date: Dec 31, 2025

Date: Dec 31, 2025



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