

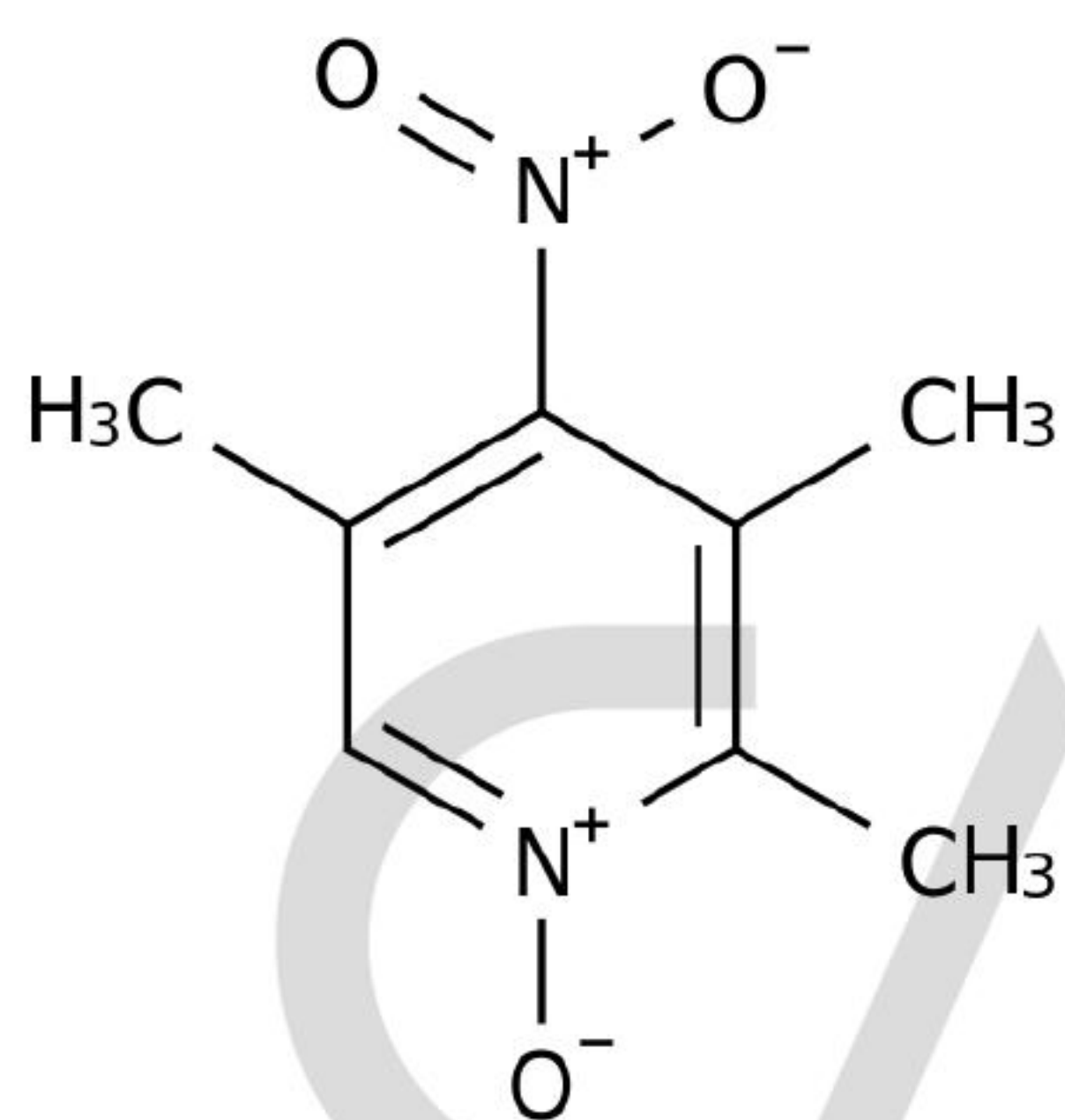
Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole Impurity 109	Catalogue Number:	C4X-1112109
Synonyms:	4-Nitro-2,3,5-Trimethylpyridine-N-Oxide	Lot Number:	1-F-1AF
CAS Number:	86604-79-7	Expiry Date:	Jun 09, 2028
Molecular Formula:	C ₈ H ₁₀ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	182.18	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.2%
Assay	qNMR	91.3%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 10, 2025

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