

Certificate of Analysis

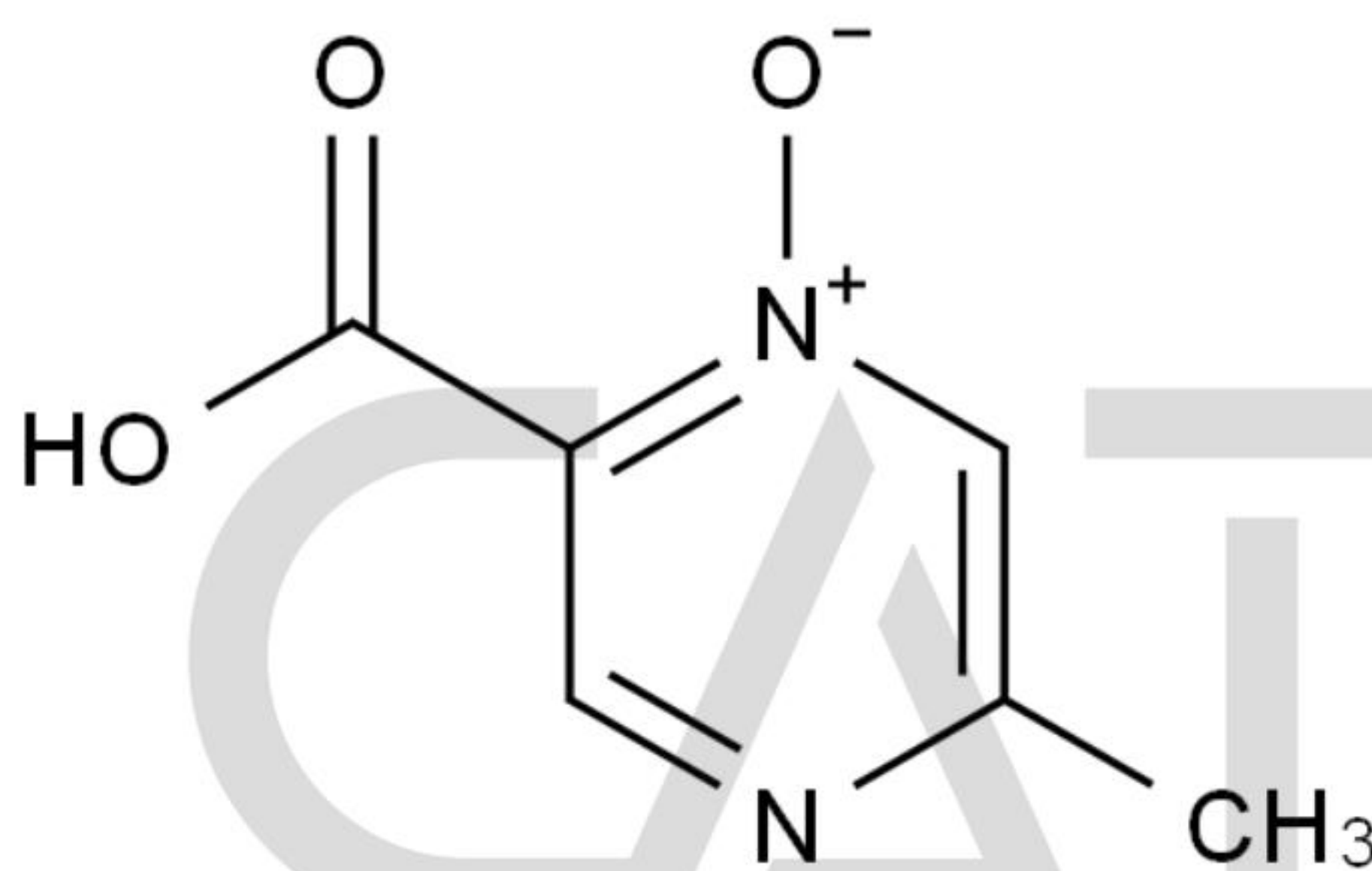
Reference Material & Standard

Product Name:	Acipimox Impurity 2	Catalogue Number:	C4X-18662
Synonyms:	2-Carboxy-5-methylpyrazine 1-oxide	Lot Number:	0821-RE-0091
CAS Number:	98502-96-6	Expiry Date:	Nov 20, 2029
Molecular Formula:	C ₆ H ₆ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	154.12	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.838%
Loss On Drying	TGA	0.2588%
Assay		99.6%

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:

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Reviewed by:

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Approved by General Manager:

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Date: Nov 21, 2025

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