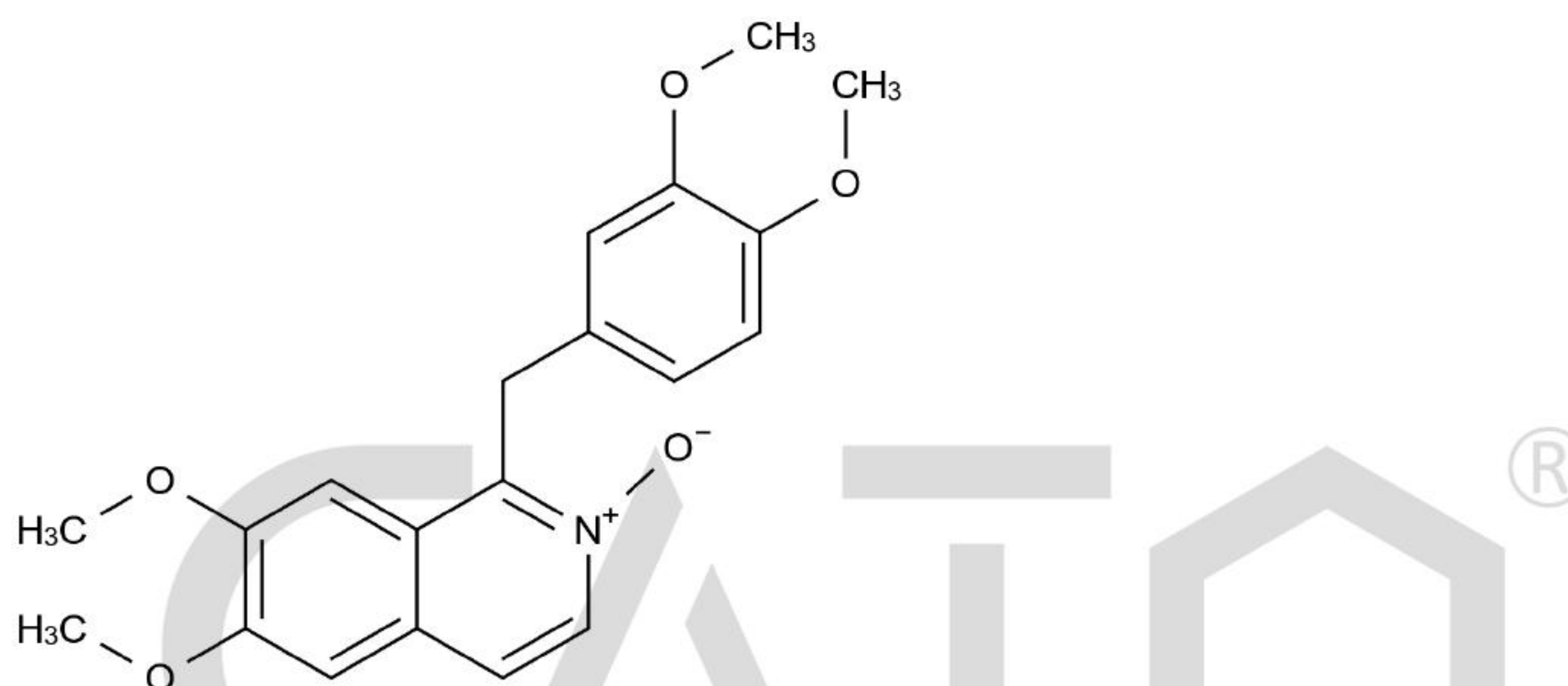


Certificate of Analysis

Reference Material & Standard

Product Name:	Papaverine impurity 25	Catalogue Number:	C4X-206725
Synonyms:	N/A	Lot Number:	0901-RG-0079
CAS Number:	33520-96-6	Expiry Date:	Sep 02, 2029
Molecular Formula:	C ₂₀ H ₂₁ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	355.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.689%
Loss On Drying	TGA	3.9630%
Assay		95.7%

Comment:

The calculation of the 100% 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: Sep 03, 2025

Date: Sep 04, 2025

Date: Sep 04, 2025

