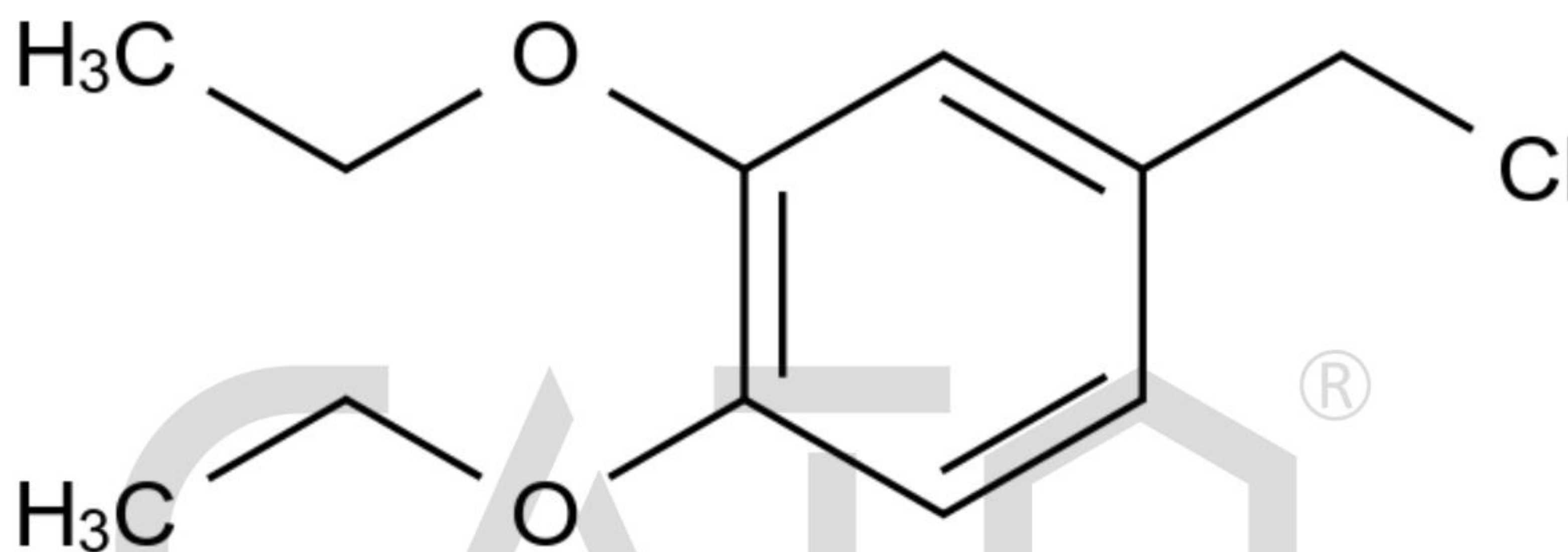


Certificate of Analysis

Reference Material & Standard

Product Name:	Drotaverine Impurity 18	Catalogue Number:	C4X-243518
Synonyms:	N/A	Lot Number:	0722-RG-0026
CAS Number:	27472-20-4	Expiry Date:	Jul 28, 2029
Molecular Formula:	C ₁₁ H ₁₅ ClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	214.69		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Oil
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	GC	100.000%
Loss On Drying	TGA	2.7528%
Assay		97.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 29, 2025

Date: Jul 29, 2025

Date: Jul 29, 2025

