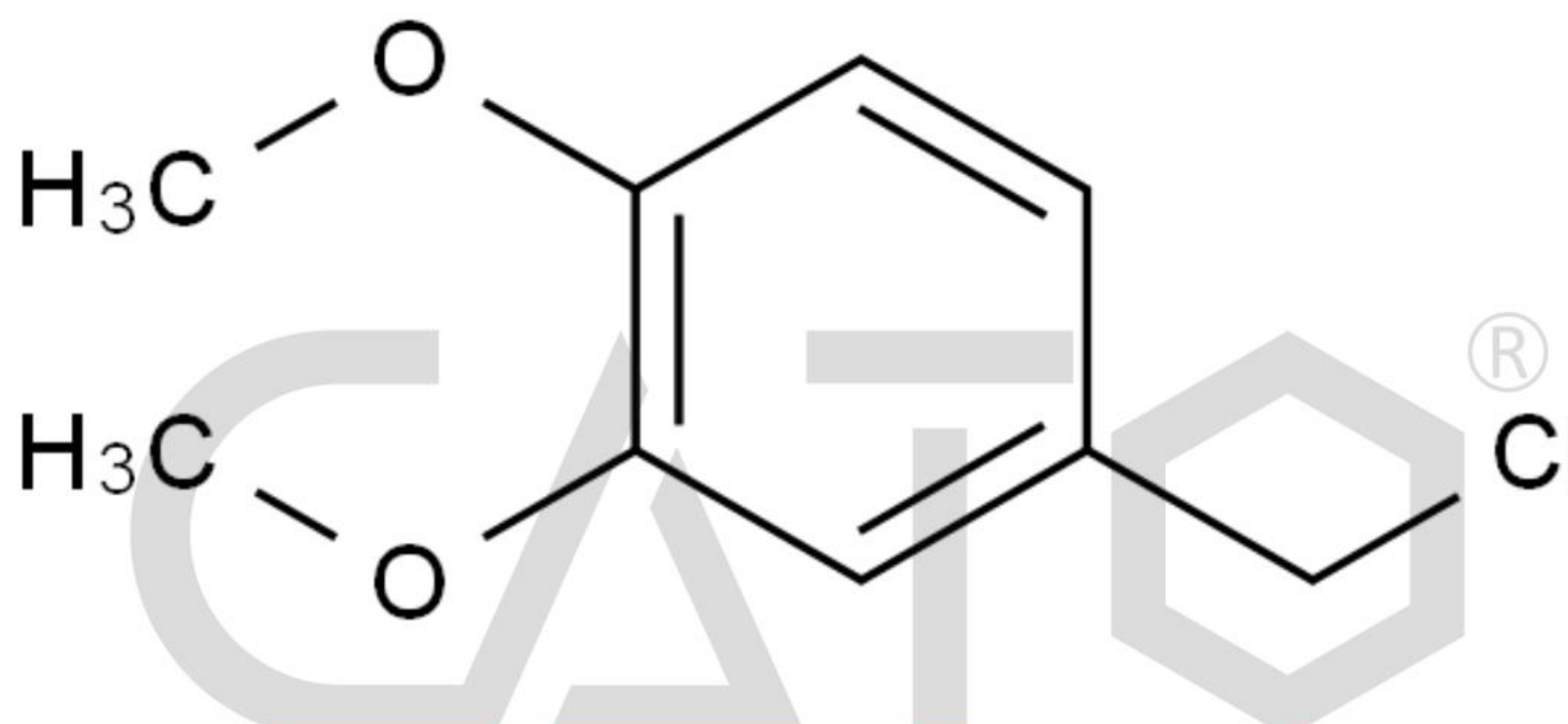


Certificate of Analysis

Reference Material & Standard

Product Name:	Verapamil Impurity 27	Catalogue Number:	C4X-177827
Synonyms:	N/A	Lot Number:	0421-RH-0011
CAS Number:	7306-46-9	Expiry Date:	Apr 22, 2030
Molecular Formula:	C ₉ H ₁₁ ClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	186.64	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.079%
Loss on Drying	TGA	1.0452%
Assay		98.0%

Comment:

The calculation of the mass balance 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:

Lisa

Approved by General Manager:

David

Date: Apr 28, 2026

Date: Apr 28, 2026

Date: Apr 28, 2026



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