Certificate of Analysis

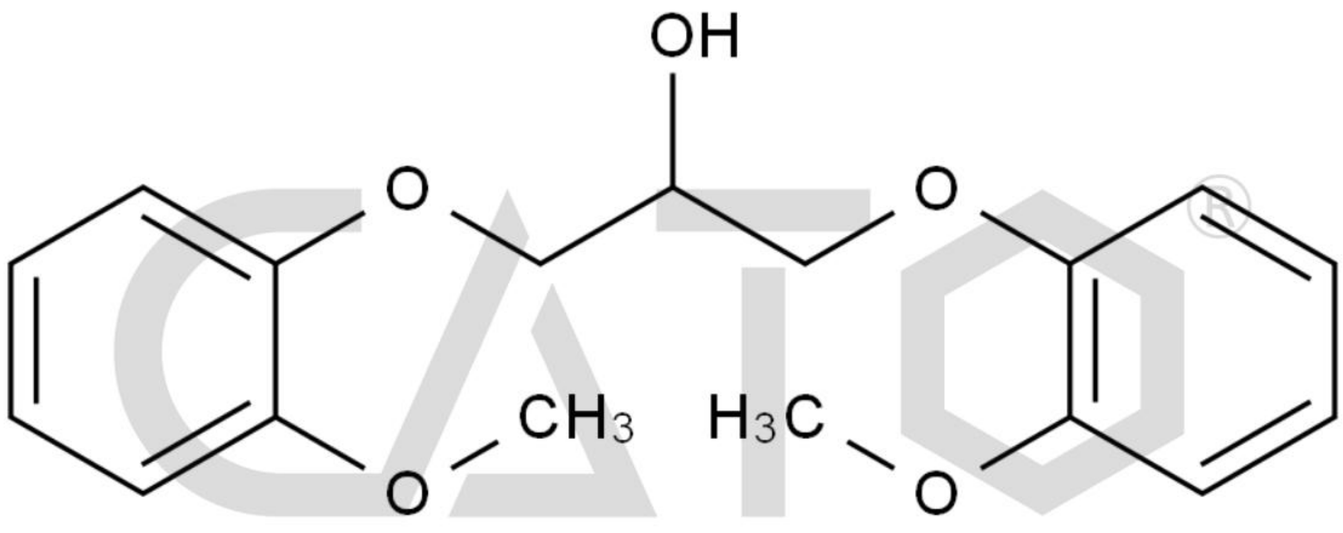
Reference Material & Standard

Product Name:	Guaifenesin EP Impurity D	**Catalogue Number:**	C4X-12944
Synonyms:	N/A	**Lot Number:**	1016-RG-0102
CAS Number:	16929-60-5	**Expiry Date:**	Oct 19, 2029
Molecular Formula:	$C_{17}H_{20}O_5$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	304.34		

Warning:



Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.2%
Assay	qNMR	96.4%

Signature:

Prepared by: Alice Date: Oct 20, 2025

Reviewed by: Koi Date: Oct 20, 2025

Approved by General Manager: David Date: Oct 20, 2025

CATO Research Chemicals Inc.