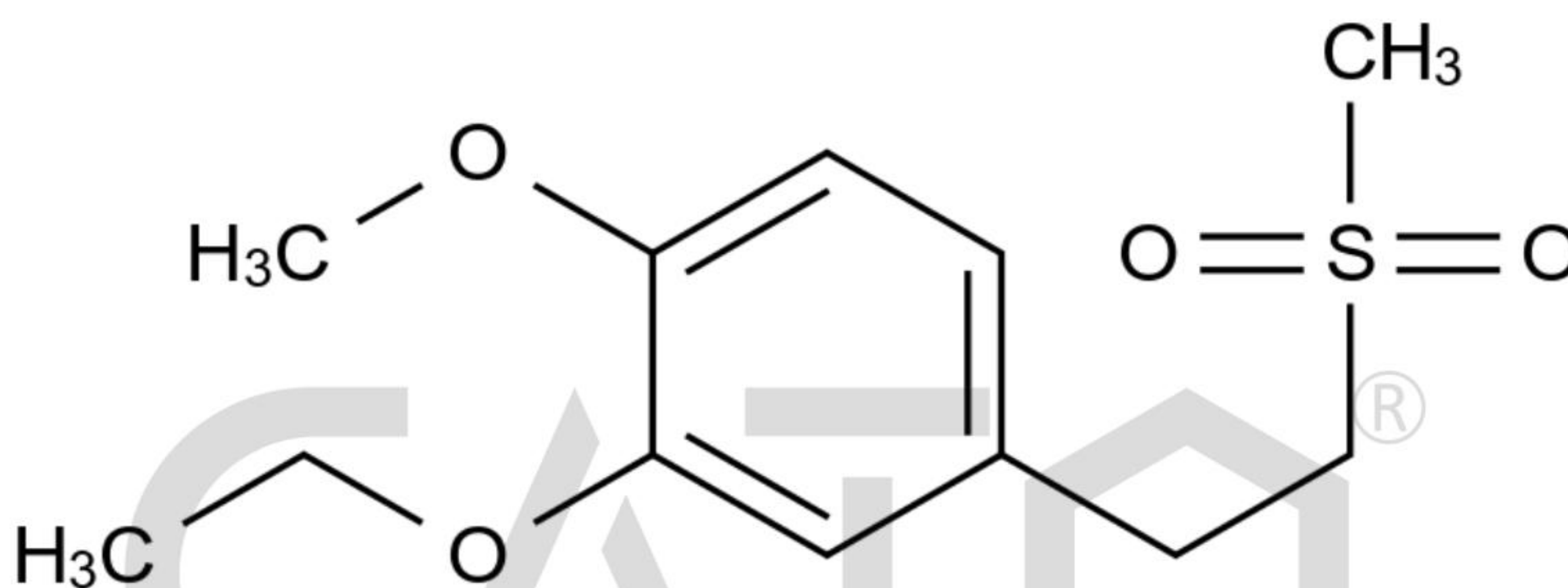


Certificate of Analysis

Reference Material & Standard

Product Name:	Apremilast Impurity 113	Catalogue Number:	C4X-1009113
Synonyms:	N/A	Lot Number:	0410-RF-0058
CAS Number:	N/A	Expiry Date:	Apr 15, 2027
Molecular Formula:	C ₁₂ H ₁₈ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	258.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.8%
Assay	qNMR	96.9%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 14, 2024

Date: Sep 14, 2024

Date: Sep 14, 2024

