

Certificate of Analysis

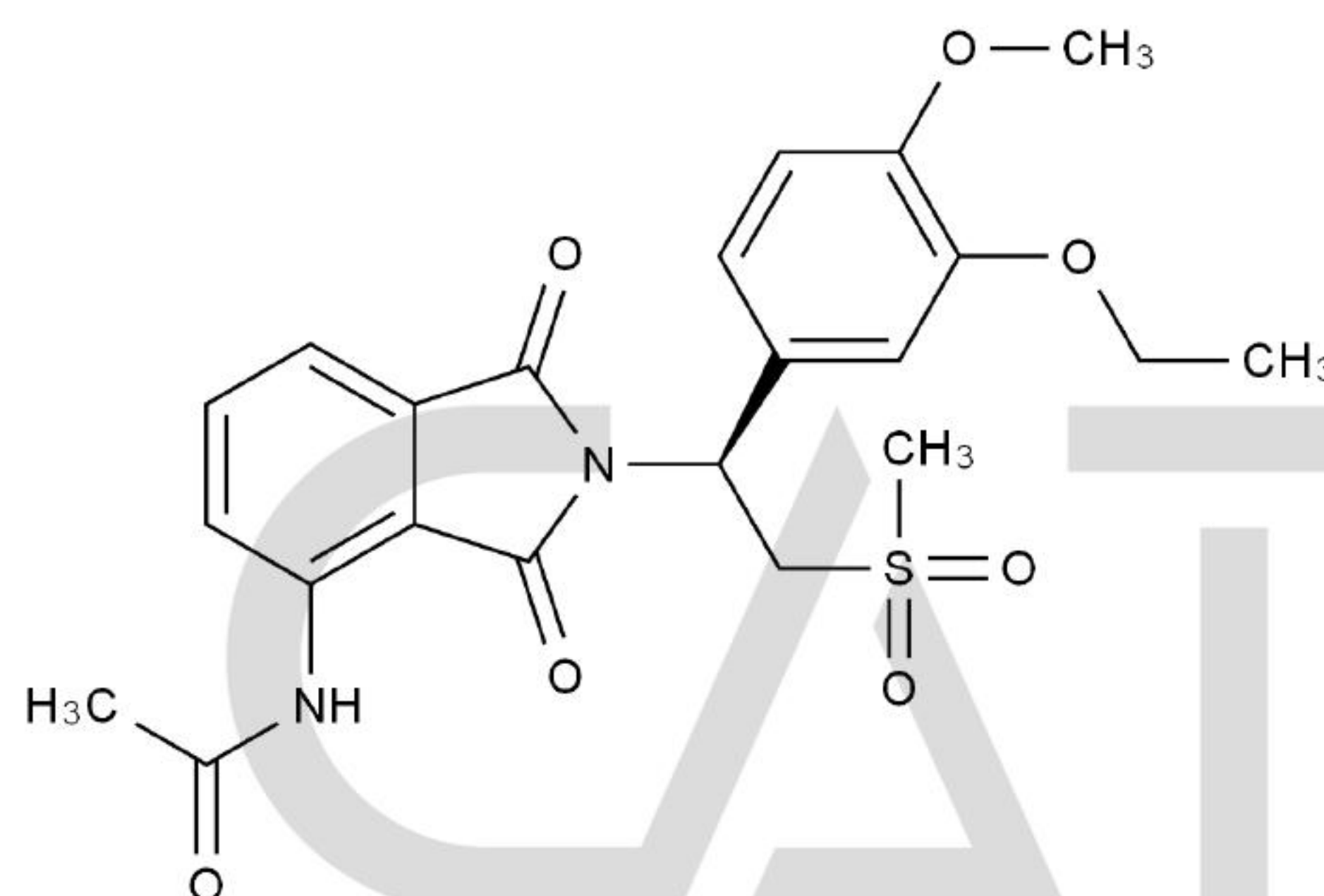
Reference Material & Standard

Product Name:	Apremilast	Catalogue Number:	C4X-1009
Synonyms:	N/A	Lot Number:	0618-RH-0030
CAS Number:	608141-41-9	Expiry Date:	Jun 17, 2030
Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₇ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	460.50	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.906%
Residue on Ignition	TGA	0.5585%
Loss on Drying	TGA	0.0497%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 18, 2026

Date: Jun 18, 2026

Date: Jun 18, 2026



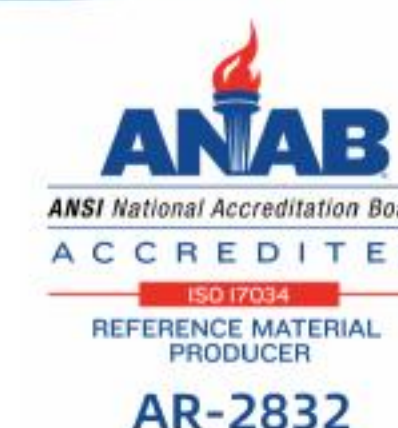
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 8



Official
WeChat