

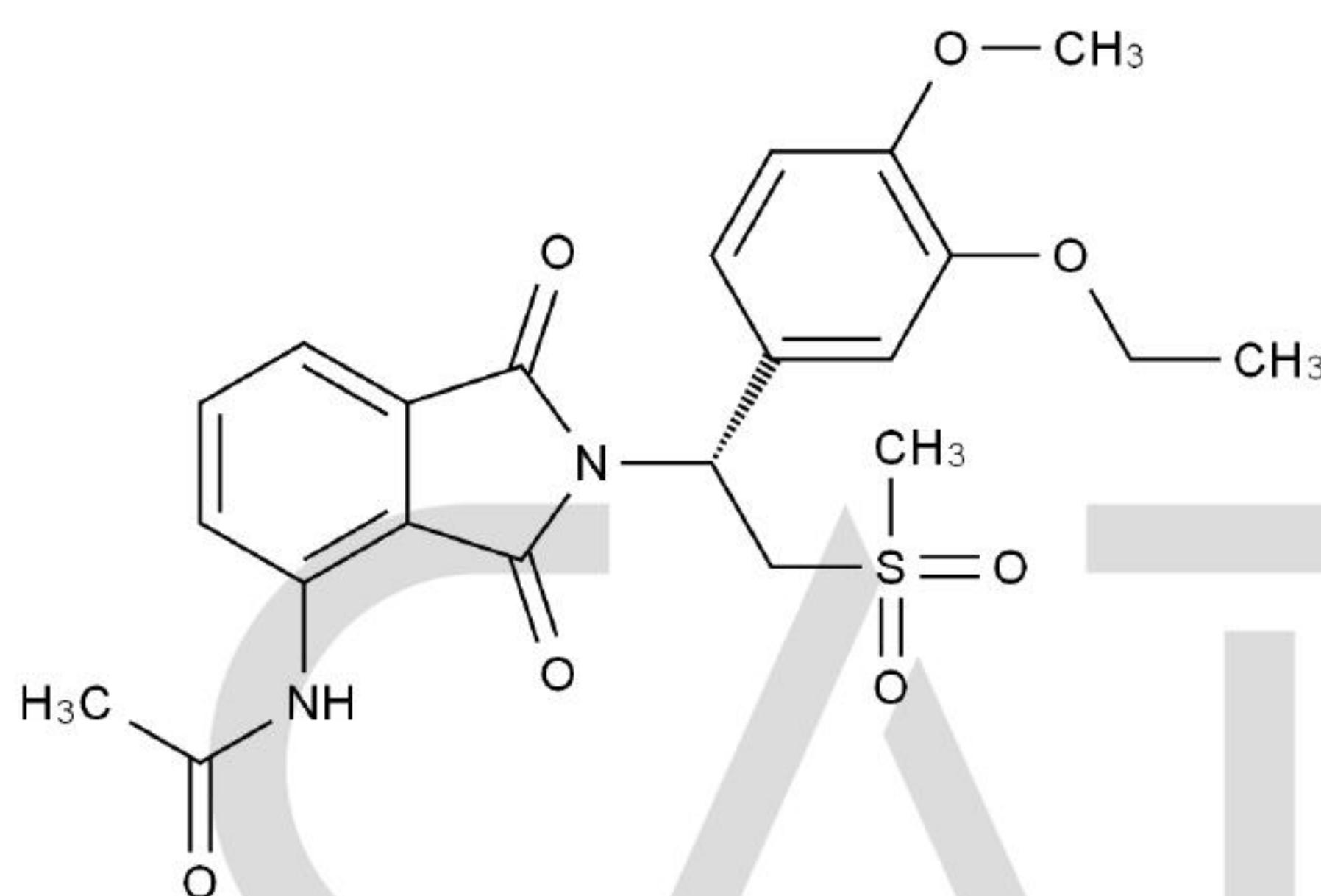
Certificate of Analysis

Reference Material & Standard

Product Name:	Apremilast Impurity 1	Catalogue Number:	C4X-10091
Synonyms:	N/A	Lot Number:	0602-RD-0025
CAS Number:	608141-44-2	Expiry Date:	Jan 21, 2028
Molecular Formula:	C22H24N2O7S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	460.50	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.092%
Loss On Drying	TGA	0.1525%
Assay		98.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 22, 2025

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