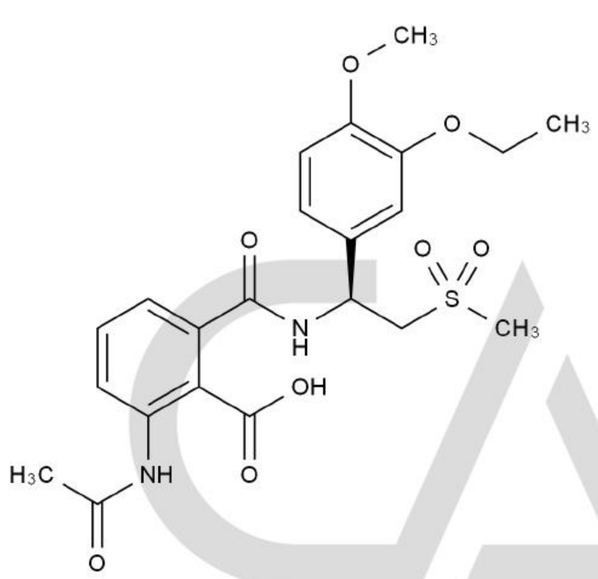
Certificate of Analysis

Reference Material & Standard

Product Name:	Apremilast Impurity 6	**Catalogue Number:**	C4X-10096
Synonyms:	N/A	**Lot Number:**	0813-RH-0054
CAS Number:	1809170-71-5	**Expiry Date:**	Sep 23, 2029
Molecular Formula:	$C_{22}H_{26}N_2O_8S$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	478.52	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.017%
Water Content	Karl Fischer	3.17%
Residual Solvents	NMR	Not detected in NMR
Assay		94.9%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%*
Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Sep 24, 2026

Reviewed by: Lisa Date: Sep 24, 2026

Approved by General Manager: David Date: Sep 24, 2026

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