

Certificate of Analysis

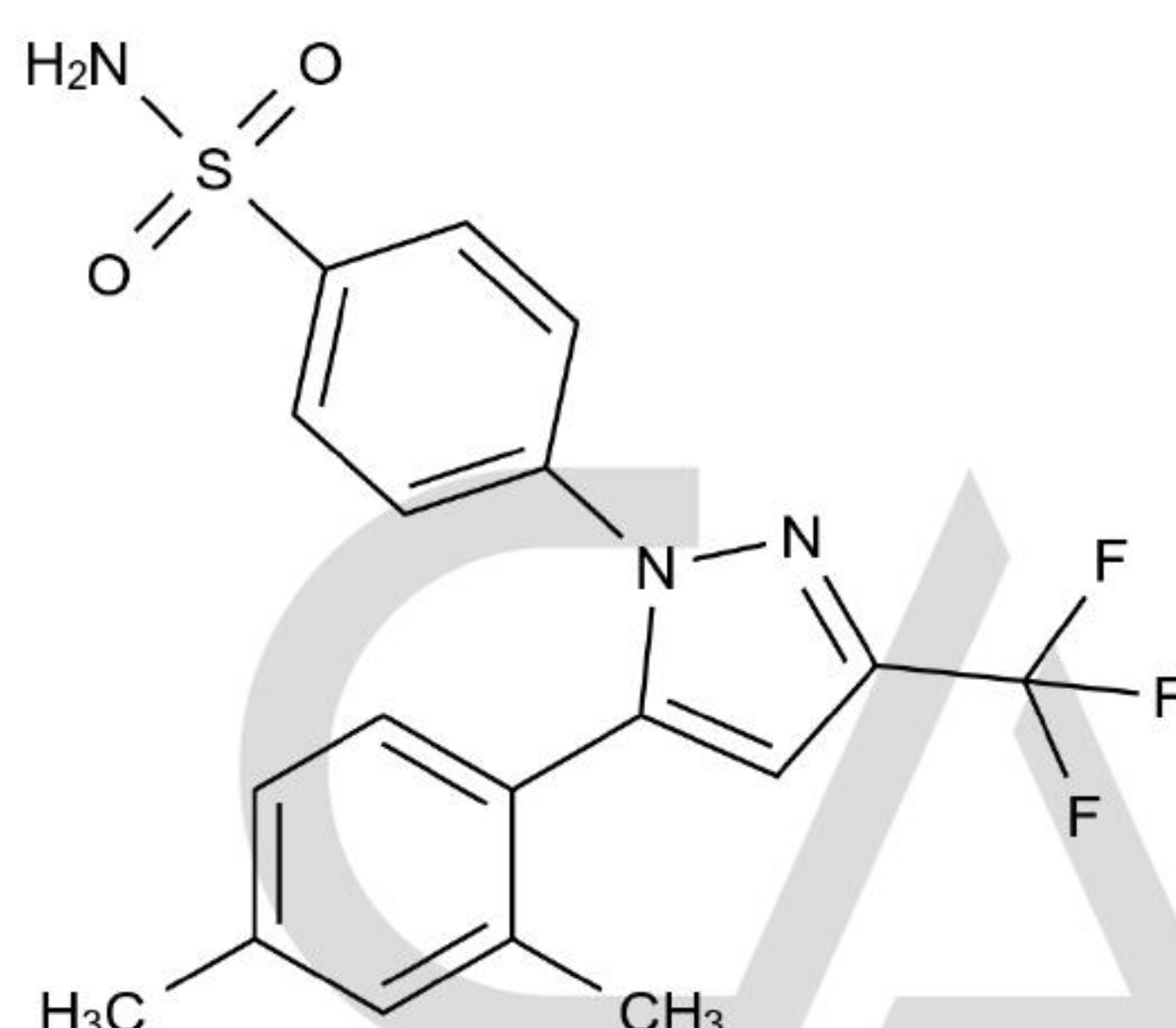
Reference Material & Standard

Product Name:	Celecoxib USP Related Compound C	Catalogue Number:	C4X-104310
Synonyms:	N/A	Lot Number:	1103-RG-0051
CAS Number:	170570-09-9	Expiry Date:	Sep 21, 2029
Molecular Formula:	C ₁₈ H ₁₆ F ₃ N ₃ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	395.40	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.916%
Water Content	Karl Fischer	0.65%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Nov 04, 2025

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Page 1 of 6



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