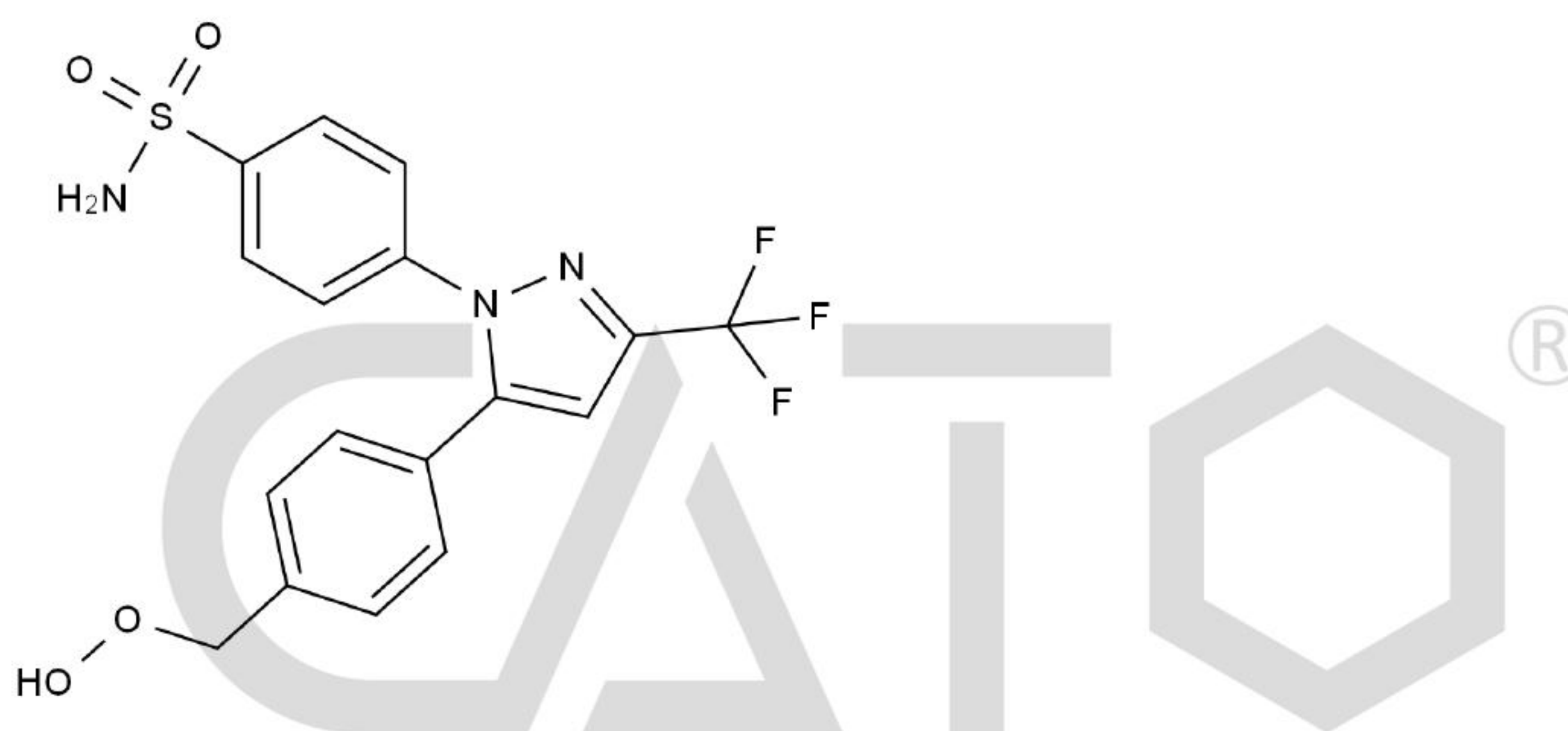


Certificate of Analysis

Reference Material & Standard

Product Name:	Celecoxib Impurity 23	Catalogue Number:	C4X-104323
Synonyms:	N/A	Lot Number:	0626-RH-0081
CAS Number:	2247197-65-3	Expiry Date:	Apr 21, 2029
Molecular Formula:	C ₁₇ H ₁₄ F ₃ N ₃ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	413.37	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.427%
Loss on Drying	TGA	0.17%
Assay		99.3%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Jun 30, 2026

Date: Jun 30, 2026

Date: Jun 30, 2026



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