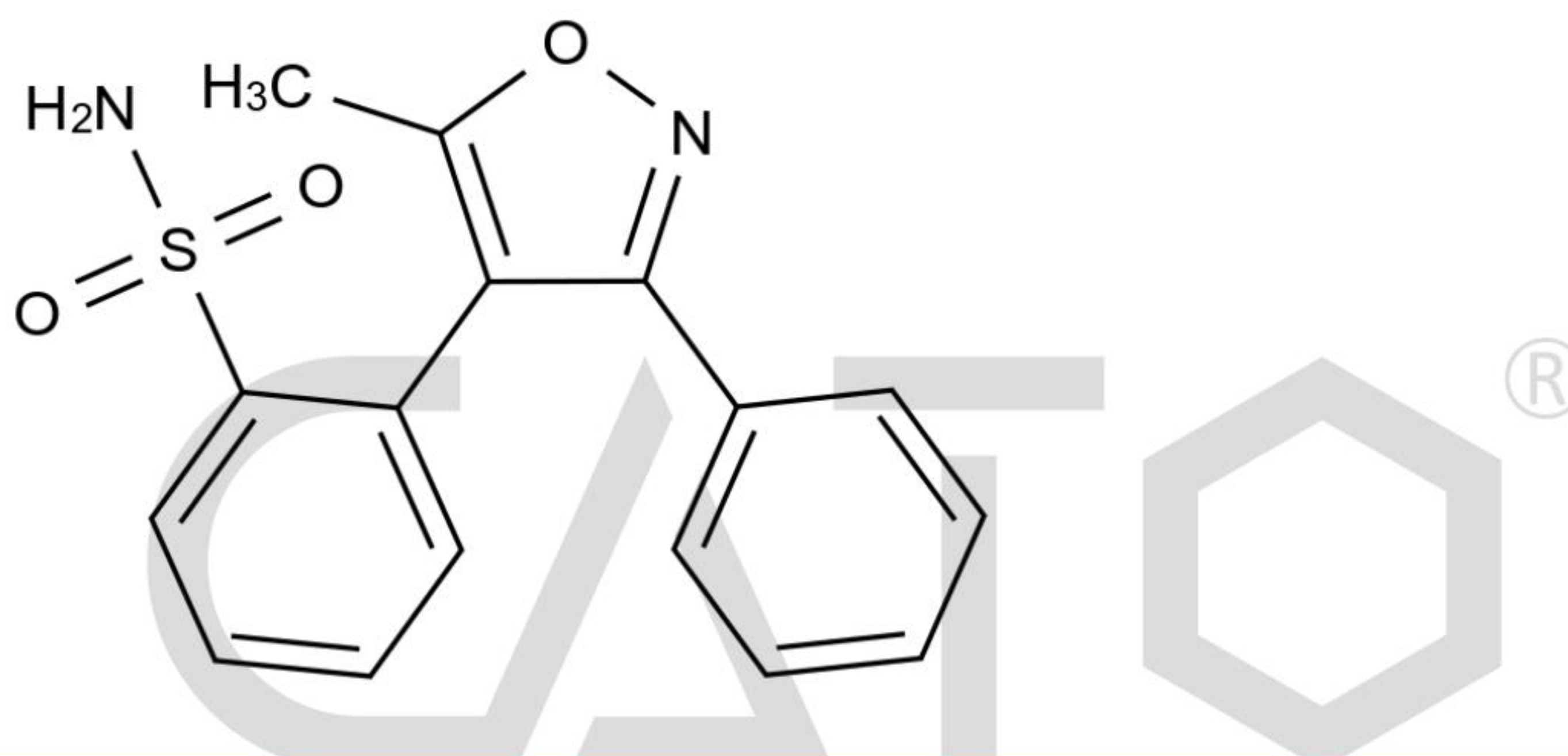


Certificate of Analysis

Reference Material & Standard

Product Name:	Parecoxib Impurity 51	Catalogue Number:	C4X-159151
Synonyms:	N/A	Lot Number:	1222-RG-0052
CAS Number:	2304623-35-4	Expiry Date:	Oct 15, 2028
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.36	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.825%
Water Content	Karl Fischer	0.52%
Residual Solvents	NMR	0.28% acetonitrile
Assay		99.0%

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:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 22, 2025

Date: Dec 22, 2025

Date: Dec 22, 2025



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>

