

Certificate of Analysis

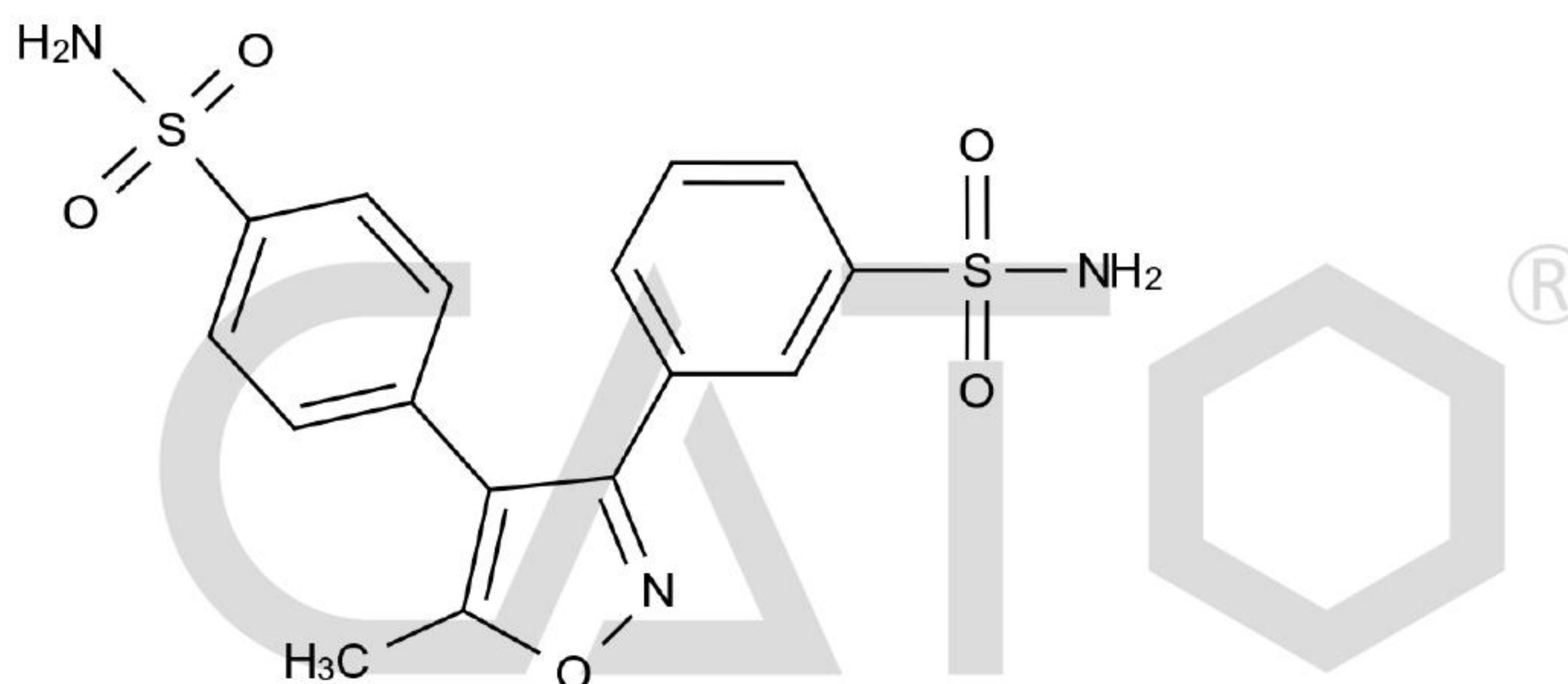
Reference Material & Standard

Product Name:	Parecoxib Impurity 43	Catalogue Number:	C4X-159143
Synonyms:	N/A	Lot Number:	1112-RG-0060
CAS Number:	1373038-59-5	Expiry Date:	Nov 11, 2029
Molecular Formula:	C ₁₆ H ₁₅ N ₃ O ₅ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	393.44	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.0281%
Loss On Drying	TGA	0.232%
Assay		94.8%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

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Approved by General Manager:

David

Date: Nov 13, 2025

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