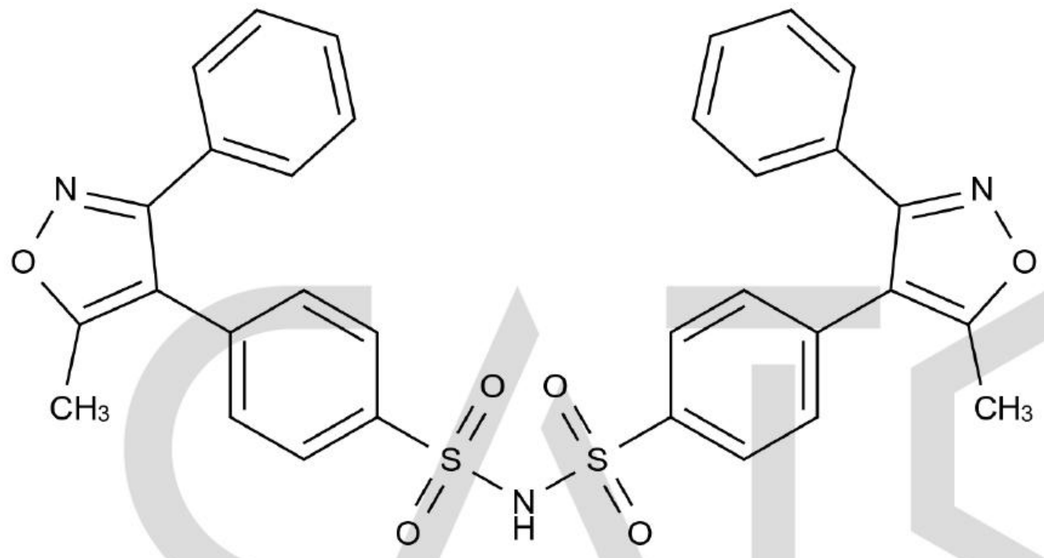
Certificate of Analysis

Reference Material & Standard

Product Name:	Parecoxib Impurity 68	**Catalogue Number:**	C4X-159168
Synonyms:	N/A	**Lot Number:**	0903-RH-0004
CAS Number:	1373038-60-8	**Expiry Date:**	Sep 06, 2030
Molecular Formula:	$C_{32}H_{25}N_3O_6S_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	611.69	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.241%
Loss on Drying	TGA	1.9935%
Assay		93.3%

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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: Alice Date: Sep 07, 2026

Reviewed by: Koi Date: Sep 07, 2026

Approved by General Manager: David Date: Sep 07, 2026

CATO Research Chemicals Inc.