

Certificate of Analysis

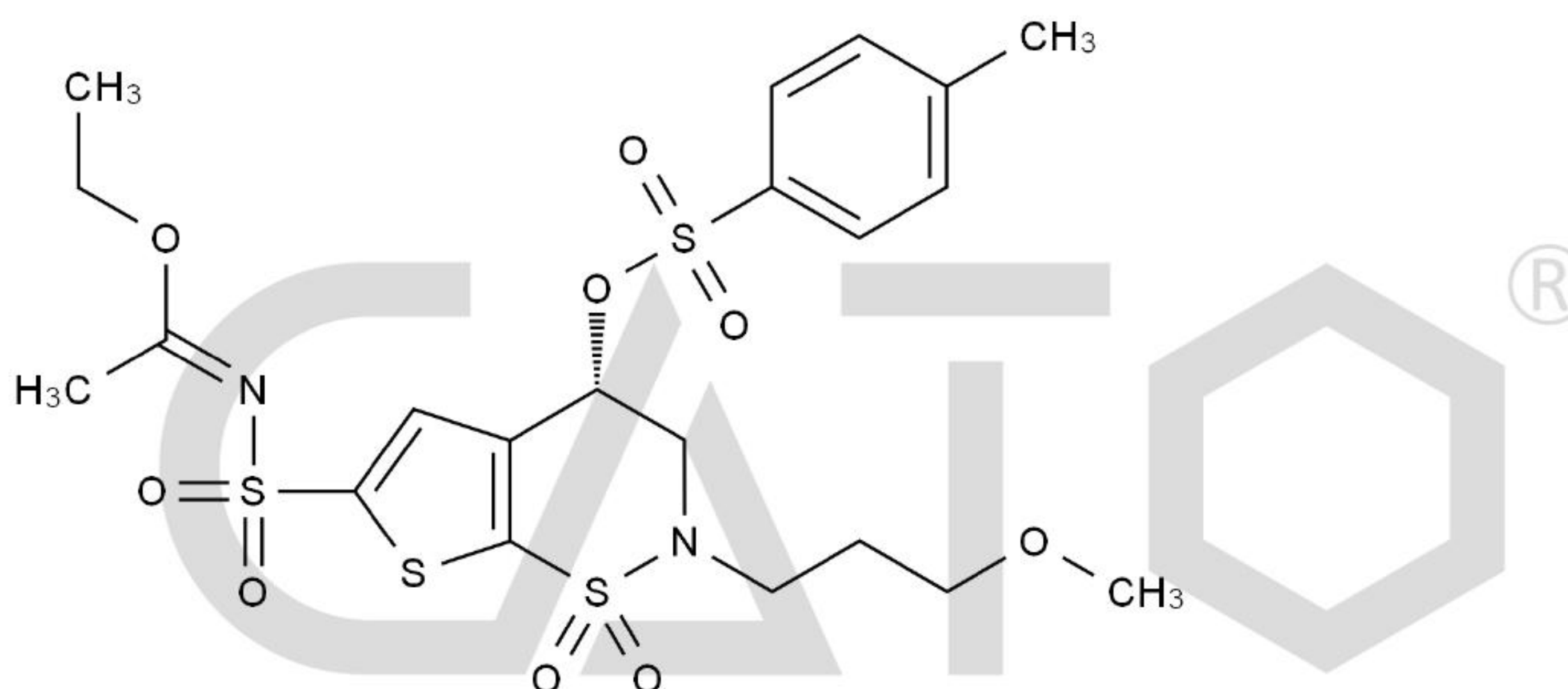
Reference Material & Standard

Product Name:	Brinzolamide Impurity 5	Catalogue Number:	C4X-19405
Synonyms:	N/A	Lot Number:	1020-RG-0089
CAS Number:	N/A	Expiry Date:	Oct 22, 2029
Molecular Formula:	C ₂₁ H ₂₈ N ₂ O ₉ S ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	580.72	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Sticky Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.48%
Loss On Drying	TGA	9.5142%
Assay		87.3%

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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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 29, 2025

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