

Certificate of Analysis

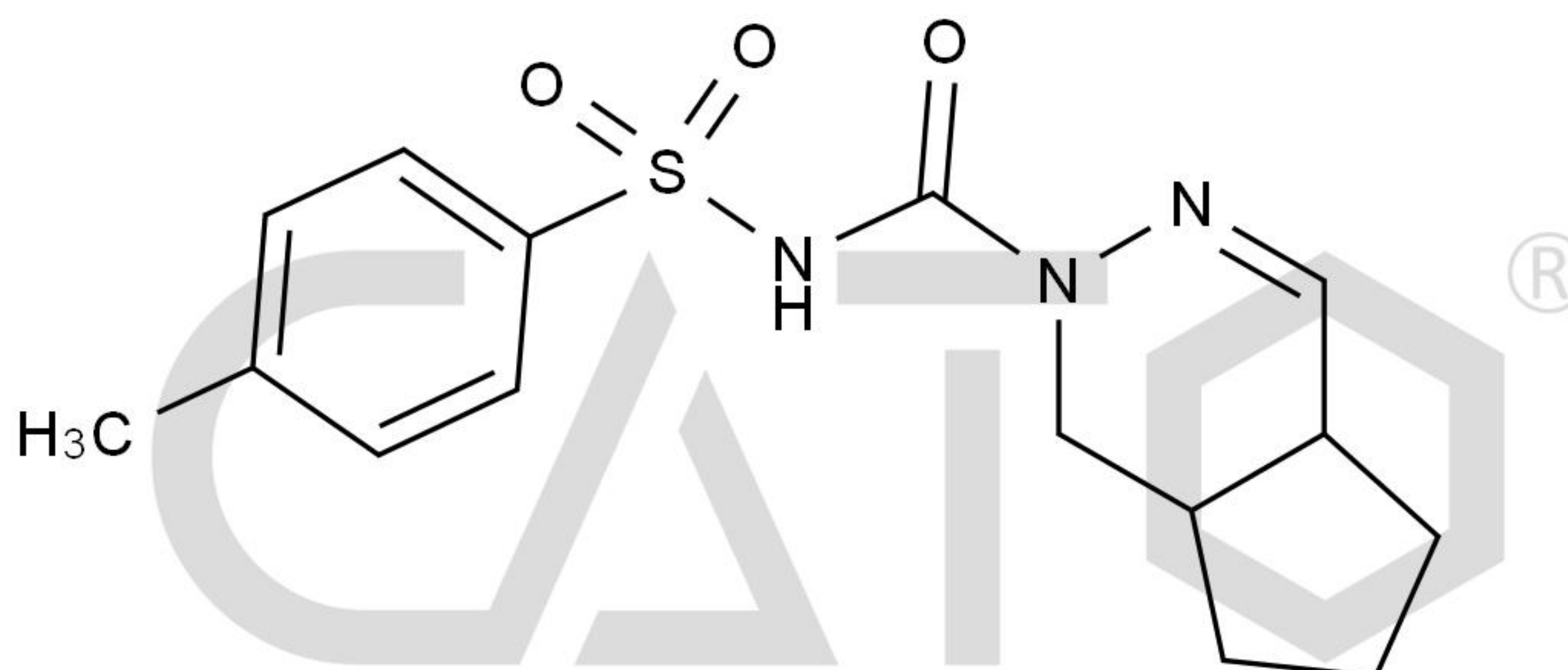
Reference Material & Standard

Product Name:	Gliclazide EP Impurity G	Catalogue Number:	C4X-14497
Synonyms:	N/A	Lot Number:	0310-RG-0105
CAS Number:	N/A	Expiry Date:	Mar 13, 2028
Molecular Formula:	C ₁₅ H ₁₉ N ₃ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	321.39	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.764%
Loss On Drying	TGA	0.27%
Assay		99.5%

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:

Reviewed by:

Approved by General Manager:

Date: Jan 20, 2026

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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>

