

Certificate of Analysis

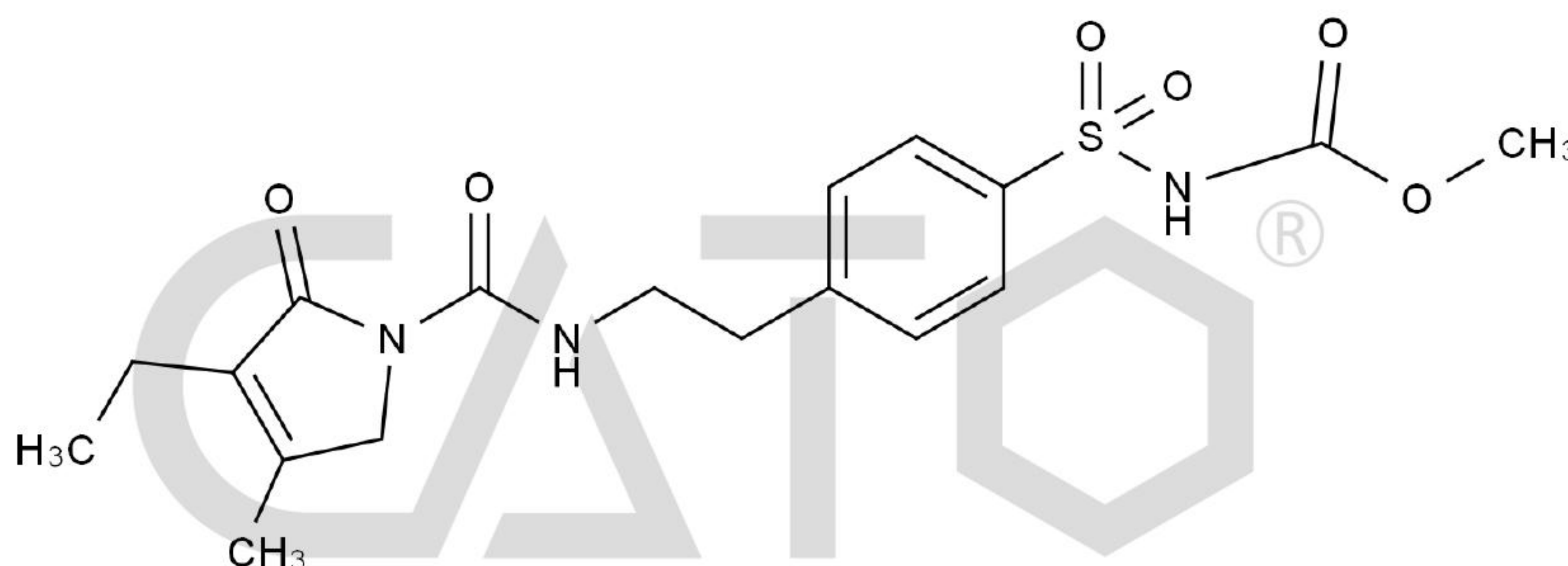
Reference Material & Standard

Product Name:	Glimepiride EP Impurity C	Catalogue Number:	C4X-11023
Synonyms:	N/A	Lot Number:	0514-RG-0120
CAS Number:	119018-30-3	Expiry Date:	May 13, 2028
Molecular Formula:	C ₁₈ H ₂₃ N ₃ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	409.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.014%
Loss on Drying	TGA	0.1121%
Assay		98.9%

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:

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Date: May 14, 2025

Date: May 15, 2025

Date: May 15, 2025



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