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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2022

Re-test Date: Jun 2025

**Product Name: Glimepiride EP Impurity C**

### Identification:

Chemical Name: methyl ((4-(2-(3-ethyl-4-methyl-2-oxo-2,5-dihydro-1H-pyrrole-1-carboxamido)ethyl)phenyl)sulfonyl)carbamate

Synonyms : Glimepiride BP Impurity C ;  
Glimepiride USP Related  
Compound C ; Glimepiride Ester

CAS Number : 119018-30-3

CAT Number : CP-G9003

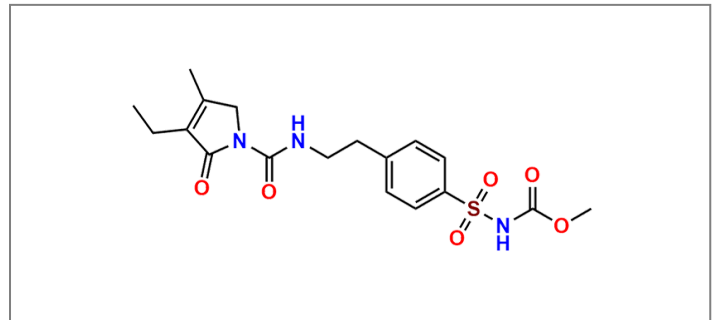
Molecular Formula : C<sub>18</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight : 409.46

Batch Number : CHEM-GLI-C-001

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.48%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.