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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

**Product Name: Gliclazide EP Impurity G**

### Identification:

Chemical Name: N-[(4-Methylphenyl)sulfonyl]-1,4a,5,6,7,7a-hexahydro-2H-cyclopenta[d] pyridazine-2-carboxamide

Synonyms : Gliclazide BP Impurity G

CAS Number : NA

CAT Number : CP-G1007

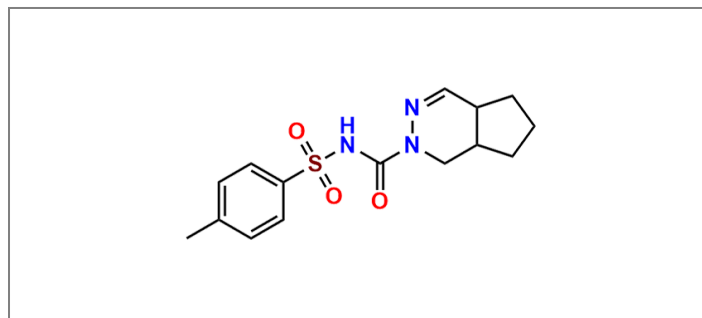
Molecular Formula : C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight : 321.40

Batch Number : CP-GLI-G-0824

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	95.39%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.333%
8)	Potency by TGA	95.05%



**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.