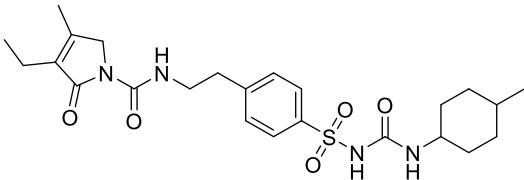




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317971	Glimepiride	T8C05I15

Chemical name	
4-ethyl-3-methyl-N-[2-[4-[(4-methylcyclohexyl)carbonylsulfamoyl]phenyl]ethyl]-5-oxo-2H-pyrrole-1-carboxamide	
Synonyms	
Glimepiride; Amaryl; Amarel; Glimepirida; Glimepiridum; Hoechst brand of glimepiride; Lacer brand of glimepiride; Roname; HOE 490; HOE-490	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317971 Name: Glimepiride Lot#: T8C05I15 CAS#: 93479-97-1 Chemical Formula: C ₂₄ H ₃₄ N ₄ O ₅ S Exact Mass: 490.22499 Molecular Weight: 490.62

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE