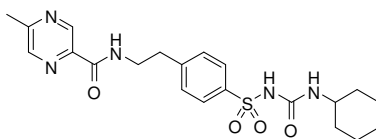




## Certificate of Analysis

**Axon Catalogue ID:** 3503 **Batch Number:** 1  
**Product Name:** Glipizide  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(4-(N-(Cyclohexylcarbamoyl)sulfamoyl)phenethyl)-5-methylpyrazine-2-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 29094-61-9  
**Molecular Formula:** C<sub>21</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>S **Molecular Weight:** 445.54  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>S **Batch Molecular Weight:** 445.54  
**Appearance:** White solid **Observed mp:** 210 - 213 °C  
**TLC (R<sub>f</sub>):** 0.57 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 56.61, H 6.11, N 15.72; Found: C 56.54, H 6.16, N 15.90  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	10.0	22.4	
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	44.6	>100 mM	
	EtOH	0.0	0.0	Insoluble

**Remarks:** Electrostatic.

**QC Date:** 28-10-2021

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**