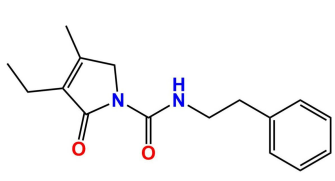


# CERTIFICATE OF ANALYSIS

Date: 05-11-2024

<b>Product Name</b>	<b>Glimepiride Phenylethyl Impurity</b>		
<b>Chemical Name</b>	3-Ethyl-4-methyl-2-oxo-N-phenethyl-2,5-dihydro-1H-pyrrole-1-carboxamide ; 4-[2-[(3-Ethyl-4-methyl-2-oxo-3-pyrrolin-1-yl)carboxamido]ethyl]benzene		
<b>Structure</b>	 <p>The chemical structure shows a 3-ethyl-4-methyl-2-oxo-3-pyrrolin-1-yl group attached to a carboxamide group, which is further linked to a phenylethyl group. The pyrrole ring has an ethyl group at position 3 and a methyl group at position 4. The carboxamide group is attached to the nitrogen of the pyrrole ring. The phenylethyl group consists of a benzene ring attached to an ethyl chain.</p>		
<b>Inv. Status</b>	-	<b>CAS No.</b>	247098-18-6
<b>Analysis Date</b>	-	<b>Retest Date</b>	-
<b>Mol. Formula</b>	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>	<b>Molecular Wt.</b>	272.4
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

<b>Test</b>	<b>Result</b>
Appearance	-
Solubility	-
<sup>1</sup> H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.**

	<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>
<b>Signature</b>			
<b>Date</b>			

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