



## CERTIFICATE OF ANALYSIS



Date: 14-02-2026

<b>Product Name</b>	<b>Ramipril D5</b>		
<b>Chemical Name</b>	(2S,3aS,6aS)-1-(((S)-1-ethoxy-1-oxo-4-(phenyl-d5)butan-2-yl)-L-alanyl)octahydrocyclopenta[b]pyrrole-2-carboxylic acid		
<b>Structure</b>	<p>The chemical structure of Ramipril D5 is a complex molecule. It features a cyclopenta[b]pyrrole-2-carboxylic acid core. Attached to the 1-position is a (2S)-butyl group, which is further substituted with a (2S)-butyl group at the 1-position. The molecule also contains a phenyl group substituted with deuterium (D) atoms at the 1, 2, 4, and 5 positions. There are several hydroxyl (OH) and carbonyl (C=O) groups, as well as a tryptamine-like side chain.</p>		
<b>Batch No.</b>	-	<b>CAS No.</b>	1132661-86-9
<b>Analysis Date</b>	-	<b>Retest Date</b>	1
<b>Mol. Formula</b>	C <sub>23</sub> H <sub>27</sub> D <sub>5</sub> N <sub>2</sub> O <sub>5</sub>	<b>Molecular Wt.</b>	421.6
<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	-
1H-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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