



## CERTIFICATE OF ANALYSIS



Date: 14-02-2026

<b>Product Name</b>	<b>Lacosamide Impurity 9</b>		
<b>Chemical Name</b>	(R)-3-(benzylamino)-2-(3-((R)-1-(benzylamino)-3-methoxy-1-oxopropan-2-yl)ureido)-3-oxopropyl acetate		
<b>Structure</b>	<p>The chemical structure shows a complex molecule with a central pyrrolidine ring. It features a benzylamino group (a benzyl group attached to an amino group) at position 3 and a 3-((R)-1-(benzylamino)-3-methoxy-1-oxopropan-2-yl)ureido group at position 2. The ureido group is linked to a 3-oxopropyl acetate side chain at position 3 of the pyrrolidine ring.</p>		
<b>Batch No.</b>	-	<b>CAS No.</b>	NA
<b>Analysis Date</b>	-	<b>Retest Date</b>	5
<b>Mol. Formula</b>	C <sub>24</sub> H <sub>30</sub> N <sub>4</sub> O <sub>6</sub>	<b>Molecular Wt.</b>	470.5
<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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