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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Glycopyrronium bromide Impurity 1

Identification:

Chemical Name: (R)-1-methylpyrrolidin-3-yl (R)-2-cyclopentyl-2-hydroxy-2-phenylacetate

Synonyms	: NA	
CAS Number	: 616866-21-8	
CAT Number	: CP-G29015	
Molecular Formula	: C18H25NO3	
Molecular Weight	: 303.4	

Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical)

Approved By

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.