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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

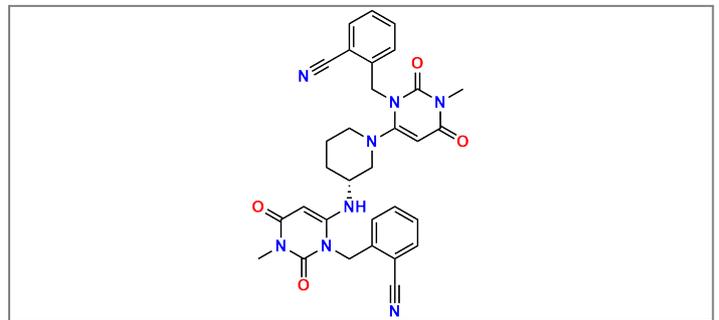
Re-test Date: Nov 2028

Product Name: Alogliptin Benzoate Dimer Impurity

Identification:

Chemical Name: (R)-2-((6-((3-((3-(2-cyanobenzyl)-1-methyl-2,6-dioxo-1,2,3,6-tetrahydropyrimidin-4-yl)amino)piperidin-1-yl)-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzotrile

Synonyms : NA
CAS Number : 1268836-55-0
CAT Number : CP-A13002
Molecular Formula : C₃₁H₃₀N₈O₄
Molecular Weight : 578.62
Batch Number : CHEM-ALO-D
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.54%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.027%
7)	Potency by TGA	96.51%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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