

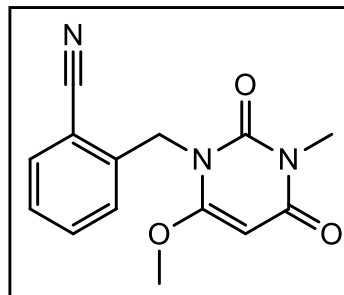
Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALOGLIPTIN IMPURITY 20
Identification
Chemical Name : 2-((6-Methoxy-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzonitrile

CAT No : ALL-ALO- 3789

CAS No : 2514763-78-9

Molecular Formula : C₁₄H₁₃N₃O₃
Molecular Weight : 271.3

Analytical Information

Batch Code	: ALL-ALE- 3789	HPLC Purity	: 98.19 %
Solubility	: MeOH: ACN	Potency	: 97.09 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.015 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.099 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =
 [100 - (1.015+0.099) × 98.19]/100 = 97.09 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office