

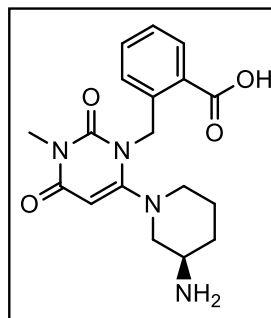
Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALOGLIPTIN IMPURITY 16
Identification
Chemical Name : (R)-2-((6-(3-Aminopiperidin-1-yl)-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzoic acid

CAT No : ALL-ALO- 7699

CAS No : 2748587-69-9

Molecular Formula : C₁₈H₂₂N₄O₄
Molecular Weight : 358.4

Analytical Information

Batch Code	: ALL-ALE- 7699	HPLC Purity	: 98.14 %
Solubility	: MeOH: ACN	Potency	: 96.89 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ^o C	IR Analysis	: Confirm
Water Content By TGA	: 1.142 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.124 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =
 [100 - (1.142+0.124) × 98.14]/100 = 96.89 %

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