

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

(S)-ALOGLIPTIN HYDROCHLORIDE

Identification

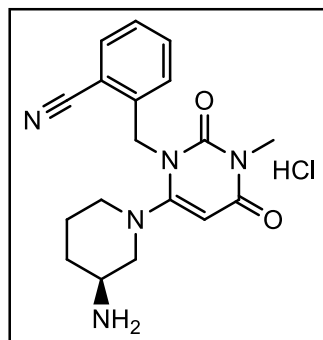
Chemical Name : (S)-2-((6-(3-Aminopiperidin-1-yl)-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzonitrile hydrochloride

CAT No : ALL-ALO-1223

CAS No : N.A

Molecular Formula : C₁₈H₂₁N₅O₂ : HCl

Molecular Weight : 339.4 : 36.5



Analytical Information

Batch Code	: ALL-ALO-1223	HPLC Purity	: 98.16%
Solubility	: MeOH: ACN	Potency	: 96.93 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.128 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.120 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Residue \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.128 + 0.120) \times 98.16] / 100 = 96.93 \%$$

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

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