

Analysis Date: 08-10-2025

Re-test Date: 08-10-2028

SAXAGLIPTIN IMPURITY 36

Identification

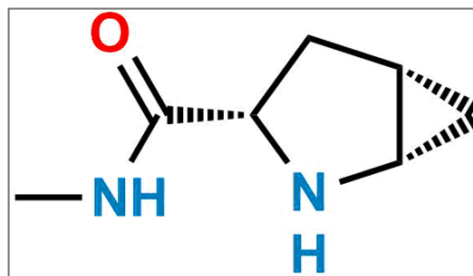
Chemical Name : (1S,3S,5S)-N-Methyl-2-Azabicyclo[3.1.0]hexane-3-carboxamide

CAT No : ALL-SAX-84

CAS No : 1849427-12-8

Molecular Formula : C7H12N2O

Molecular Weight : 140.2



Analytical Information

Batch No : ALL-SAX-84

HPLC Purity : 98.00%

Solubility : MeOH: ACN

Potency : 96.09%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Loss By TGA : 1.196%

1HNMR : Confirm

Residue Of Ignition : 0.744%

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.196 + 0.744) \times 98.00] / 100 = 96.09\%$$

Recommendation : Released

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

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

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

Corporate Office