

Analysis Date: 07-10-2025

Re-test Date: 07-10-2028

3-DESHYDROXY 3-KETO SAXAGLIPTIN

Identification

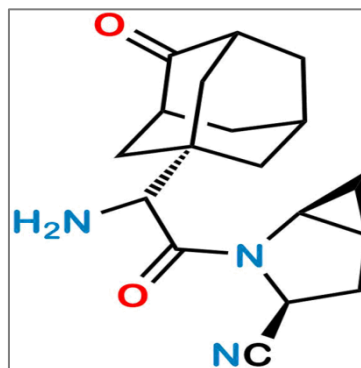
Chemical Name : (1S,3S,5S)-2-((S)-2-Amino-2-(4-oxoadamantan-1-yl)acetyl)-2-azabicyclo[3.1.0]hexane-3-carbonitrile

CAT No : ALL-SAX-70

CAS No : 2173146-34-2

Molecular Formula : C₁₈H₂₃N₃O₂

Molecular Weight : 313.4



Analytical Information

| | | | |
|------------------------------|-----------------------------------|-------------------------|-----------|
| Batch No. | : ALL-SAX-70 | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 97.26% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20°C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.275% | ¹HNMR | : Confirm |
| Residue Of Ignition | : 0.476% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.275+0.476) × 98.00]/100 = 97.26%

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, IR, TGA

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

Corporate Office