

Analysis Date: 07-10-2025

Re-test Date: 07-10-2028

SAXAGLIPTIN IMPURITY 19

Identification

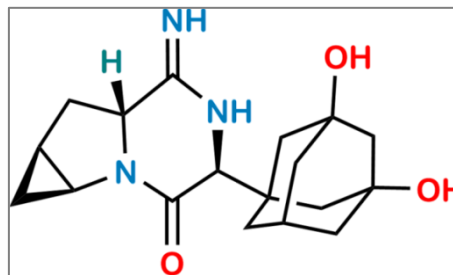
Chemical Name : (1aS,4S,6aR,7aS)-4-((1r,3R,5S,7S)-3,5-Dihydroxyadamantan-1-yl)-6-iminohexahydro-1H-cyclopropa[4,5]pyrrolo[1,2-a]pyrazin-3(1aH)-one; (1aS,4S,6aR,7aS)-4-((1r,3R,5S,7S)-3,5-dihydroxyadamantan-1-yl)-6-iminoctahydro-3H-cyclopropa[4,5]pyrrolo[1,2-a]pyrazin-3-one;

CAT No : ALL-SAX-74

CAS No : 1429782-93-3

Molecular Formula : C₁₈H₂₅N₃O₃

Molecular Weight : 331.4



Analytical Information

Batch No	: ALL-SAX-74	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%	¹H NMR	: Confirm
Residue Of Ignition	: 0.744%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.196+0.744) × 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