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## CERTIFICATE OF ANALYSIS

Analysis Date:

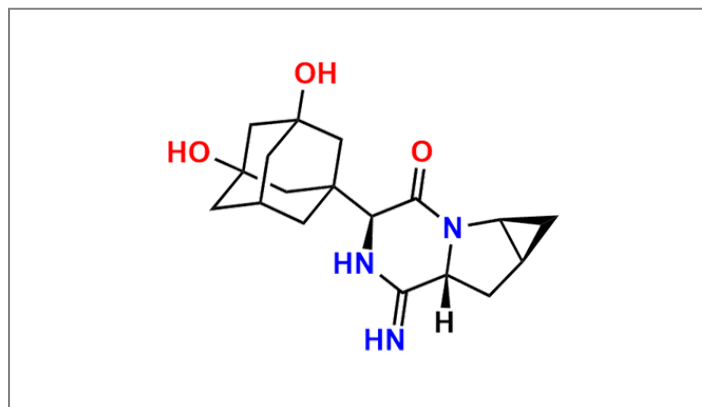
Re-test Date:

**Product Name: 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-iminooctahydro-3H-cyclopropa[4,5]pyrrolo[1,2-a]pyrazin-3-one;

Synonyms : NA  
CAS Number : 1429782-93-3  
CAT Number : CP-S19045  
Molecular Formula : C<sub>18</sub>H<sub>25</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight : 331.42



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

### Prepared and Reviewed By

### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.