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## CERTIFICATE OF ANALYSIS

Analysis Date:

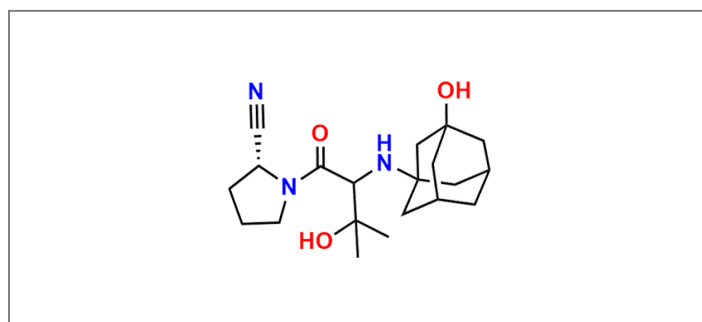
Re-test Date:

**Product Name: Vildagliptin Impurity 76**

### Identification:

Chemical Name: (2R)-1-(3-hydroxy-2-(((1r,3S,5R,7S)-3-hydroxyadamantan-1-yl)amino)-3-methylbutanoyl)pyrrolidine-2-carbonitrile

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-V1117  
Molecular Formula : C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight : 361.49



### 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

Ms Priyanka Salunkhe  
(Manager QC Analytical)

### Approved By

Ms Rohini Gagare  
(QA Head)

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