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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Vildagliptin Impurity 55**

### Identification:

Chemical Name: 2-{2-[(2-aminopyrimidin-4-yl)(3-hydroxyadamantan-1-yl)amino]acetyl}pyrazolidine-3-carbonitrile

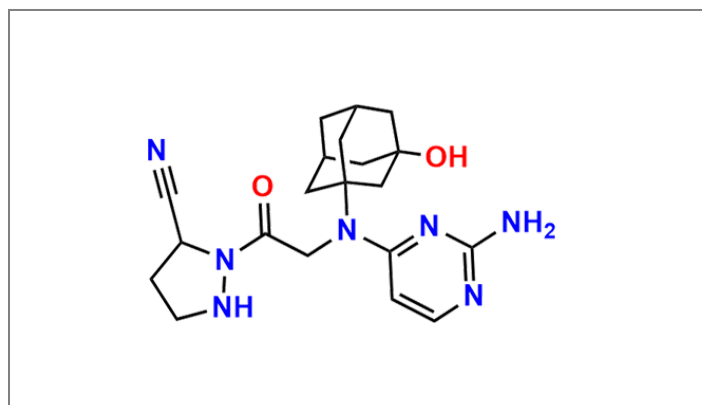
Synonyms : NA

CAS Number : NA

CAT Number : CP-V1061

Molecular Formula : C<sub>20</sub>H<sub>27</sub>N<sub>7</sub>O<sub>2</sub>

Molecular Weight : 397.48



### 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.