



Certificate of analysis

Productname: Vildagliptin

Cas number: 274901-16-5

Molecular Formula: $C_{17}H_{25}N_3O_2$

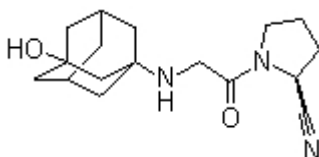
Molecular Weight: 303.40

Date of production: Nov. 06, 2013

Batch No: 20131106

Exp Date: Nov. 05, 2015

Chemical structure:



Items	Specifications	Results
Appearance	White or off-white crystalline powder	confirms
Assay	>99.0%	99.6%
Loss on drying	Not more than 0.50% w/w	0.50%
Residue on ignition	Not more than 1.0% w/w	0.2%
Max impurity	Not more than 1.0%	0.3%
EE value	0.99	0.99
Melt point	147-152°C	150.2-150.7°C
Specific rotation	-80~-90	-87.8
chloride	Not more than 0.50% w/w	confirms
sulfate	Not more than 0.20% w/w	none

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F