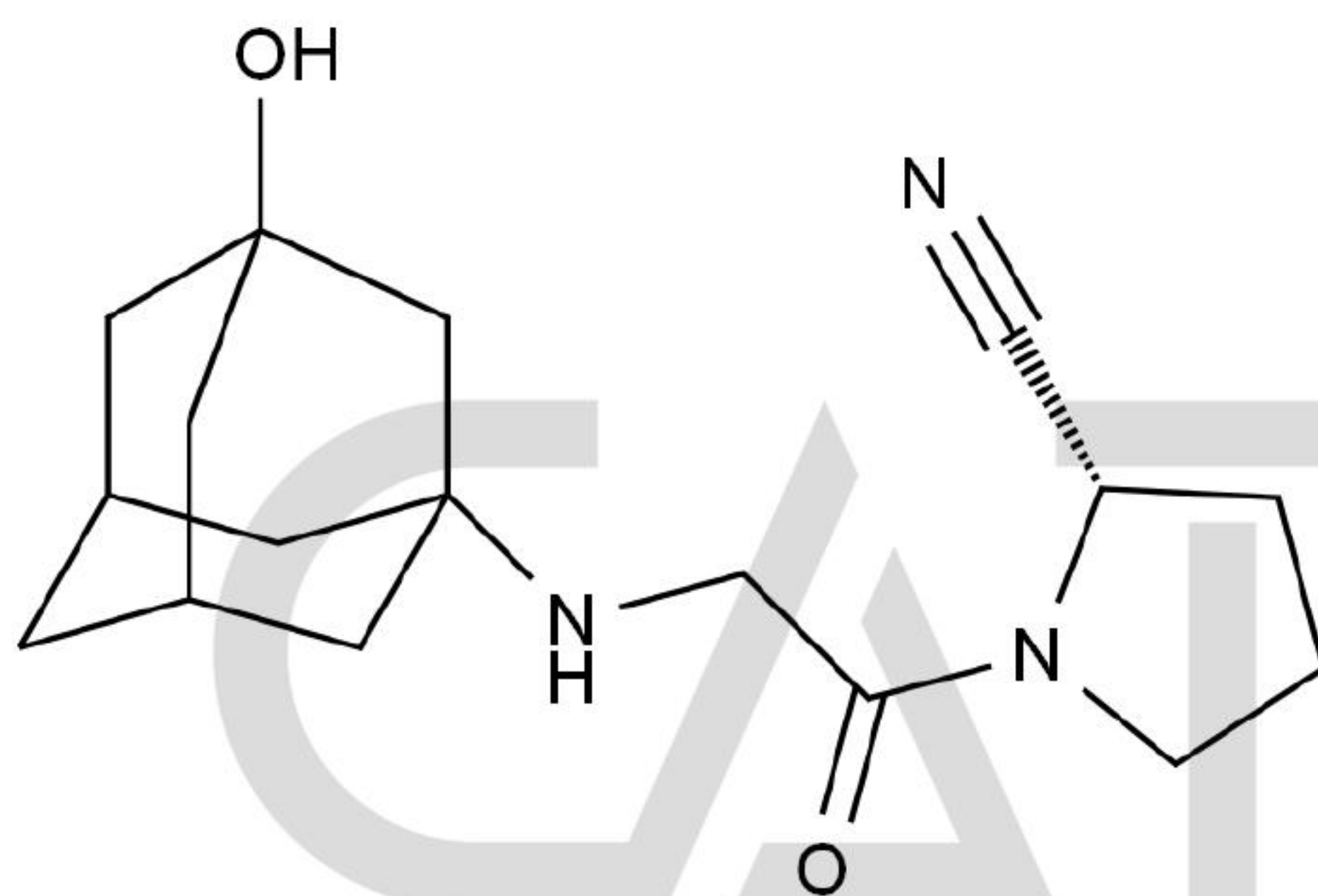


Certificate of Analysis

Reference Material & Standard

Product Name:	Vildagliptin	Catalogue Number:	C4X-1100
Synonyms:	N/A	Lot Number:	0625-RH-0107
CAS Number:	274901-16-5	Expiry Date:	Jul 05, 2030
Molecular Formula:	C ₁₇ H ₂₅ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	303.40	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.5245%
Loss on Drying	TGA	0.1130%
Assay		99.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 06, 2026

Date: Jul 06, 2026

Date: Jul 06, 2026



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