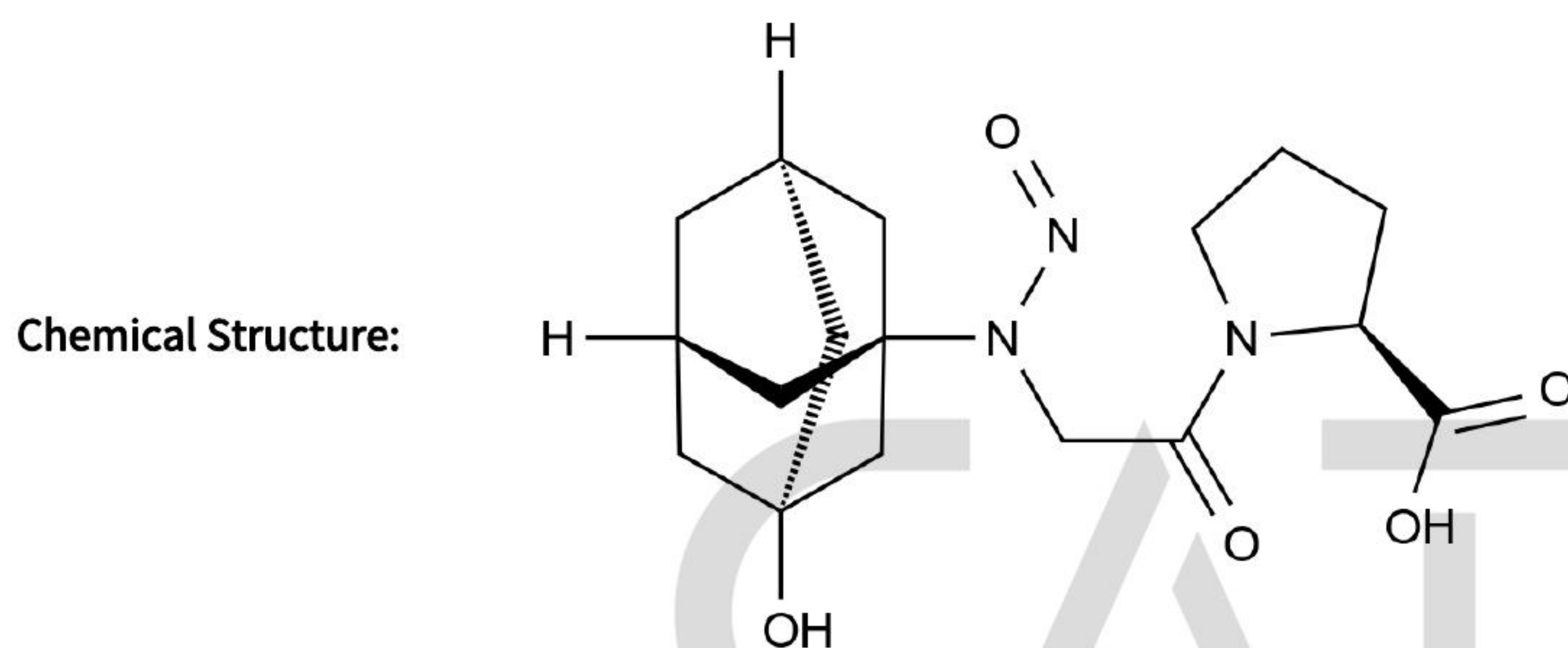


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso Vildagliptin Carboxylic Acid	Catalogue Number:	C4X-110083
Synonyms:	N/A	Lot Number:	0612-RG-0017
CAS Number:	N/A	Expiry Date:	Jun 17, 2028
Molecular Formula:	C ₁₇ H ₂₅ N ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	351.40		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.982%
Loss On Drying	TGA	3.8546%
Assay		94.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 18, 2025

Date: Jun 18, 2025

Date: Jun 18, 2025

