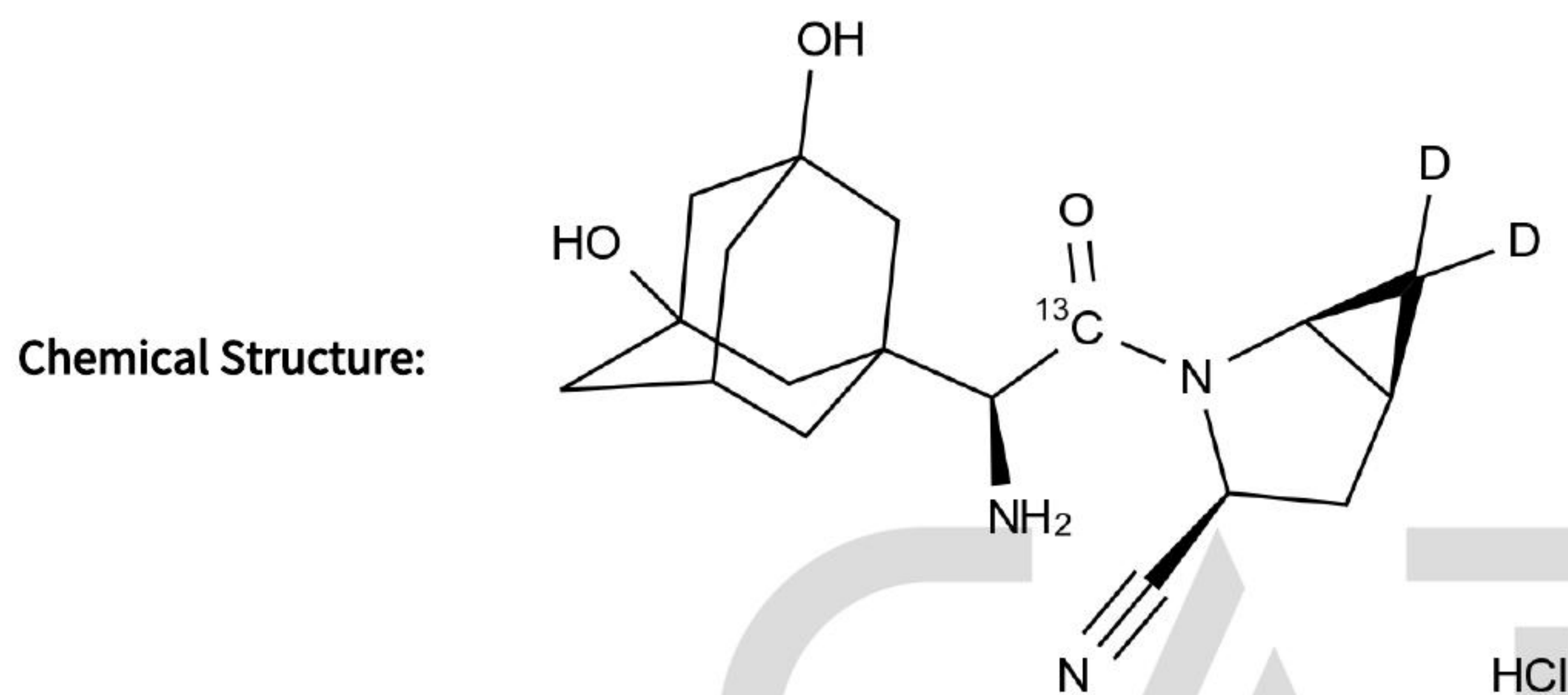


Certificate of Analysis

Reference Material

Product Name:	5-Hydroxy Saxagliptin-13C-d2 HCl	Catalogue Number:	C4X-104959
Chemical Name:	N/A	Lot Number:	0818-RE-0006
CAS Number:	N/A	Expiry Date:	Dec 08, 2024
Molecular Formula:	C17[13C]H23D2N3O3 HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	334.41 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		99.6% D; 99.0% 13C
Optical Rotation		[α] _D 20.0(c=0.30,CH3OH): -3.7°
Assay	qNMR	92.5%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Dec 09, 2021

Date: Aug 22, 2023

Date: Aug 22, 2023

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