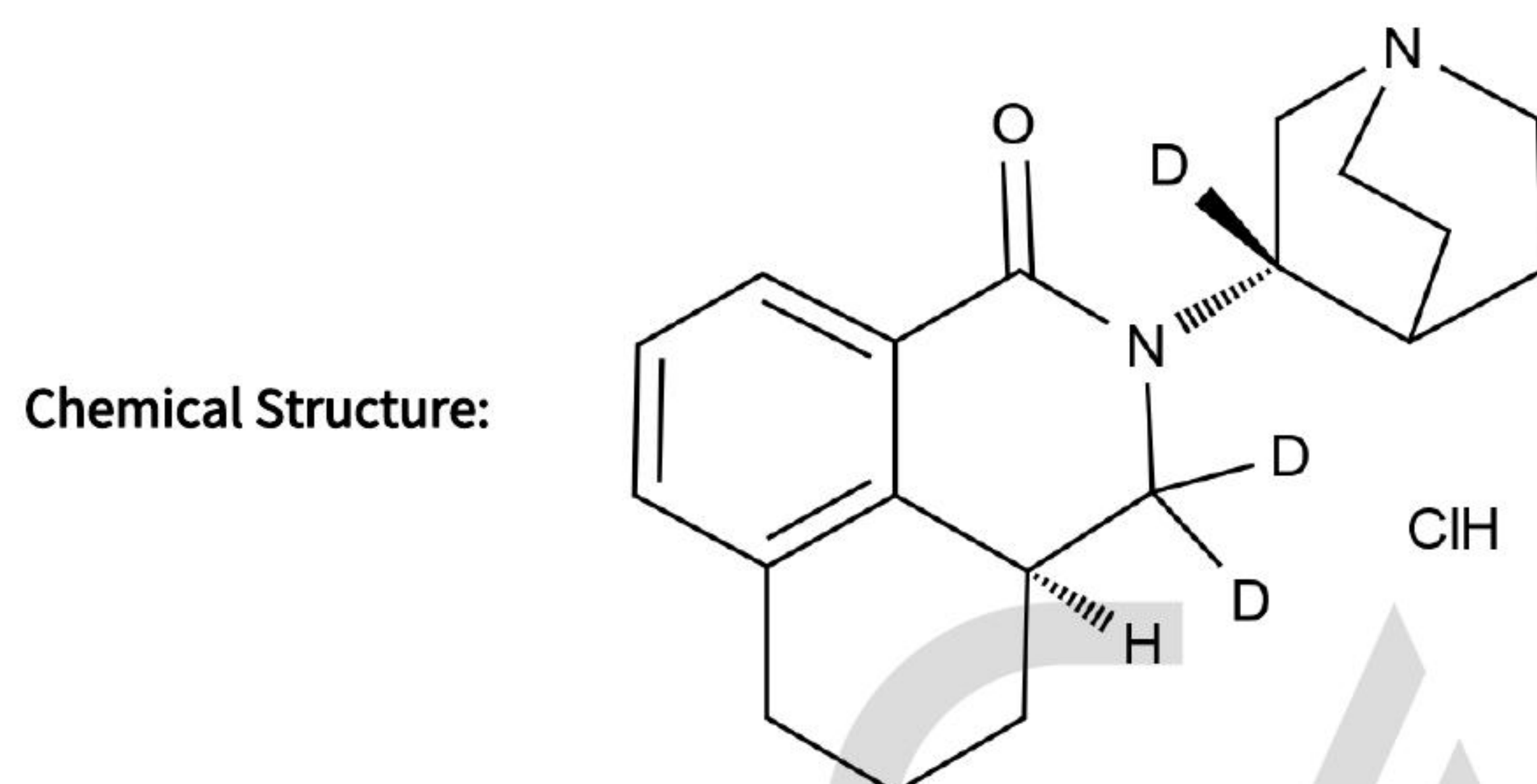


Certificate of Analysis

Reference Material

Product Name:	Palonosetron-d3 HCl	Catalogue Number:	C4X-110526
Chemical Name:	N/A	Lot Number:	0919-RD-0015
CAS Number:	N/A	Expiry Date:	Apr 02, 2024
Molecular Formula:	C19H21D3N2O ClH	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	299.43 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.7%
Isotopic Purity		98.5%
Residual Solvents	NMR	0.2% ethanol and 0.1% dichloromethane
Optical Rotation		[α] _D 25.0(c=0.63,H ₂ O): -89.4°
Assay	qNMR	98.1%

Comment:

Assay was determined by quantitative ^1H -NMR.

Signature:

Prepared by:

Reviewed by:

Aporoved by General manager

Date: Apr 02, 2021

Date: Sep 22, 2022

Date: Sep 22, 2022

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