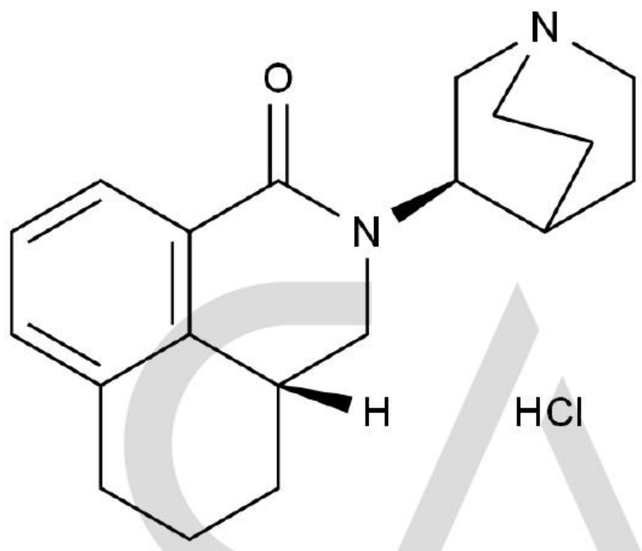
Certificate of Analysis

Reference Material & Standard

Product Name:	(R,R)Palonosetron HCl	**Catalogue Number:**	C4X-11051
Synonyms:	N/A	**Lot Number:**	1229-RG-0083
CAS Number:	135729-75-8	**Expiry Date:**	Dec 24, 2029
Molecular Formula:	$C_{19}H_{24}N_2O$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	296.41 36.46	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.5545%
Loss on Drying	TGA	0.138%
Assay	Mass Balance	98.4%

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Comment:

The calculation of the mass balance 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: Date: Nov 12, 2026

Reviewed by: Date: Nov 12, 2026

Approved by General Manager: Date: Nov 12, 2026

CATO Research Chemicals Inc.