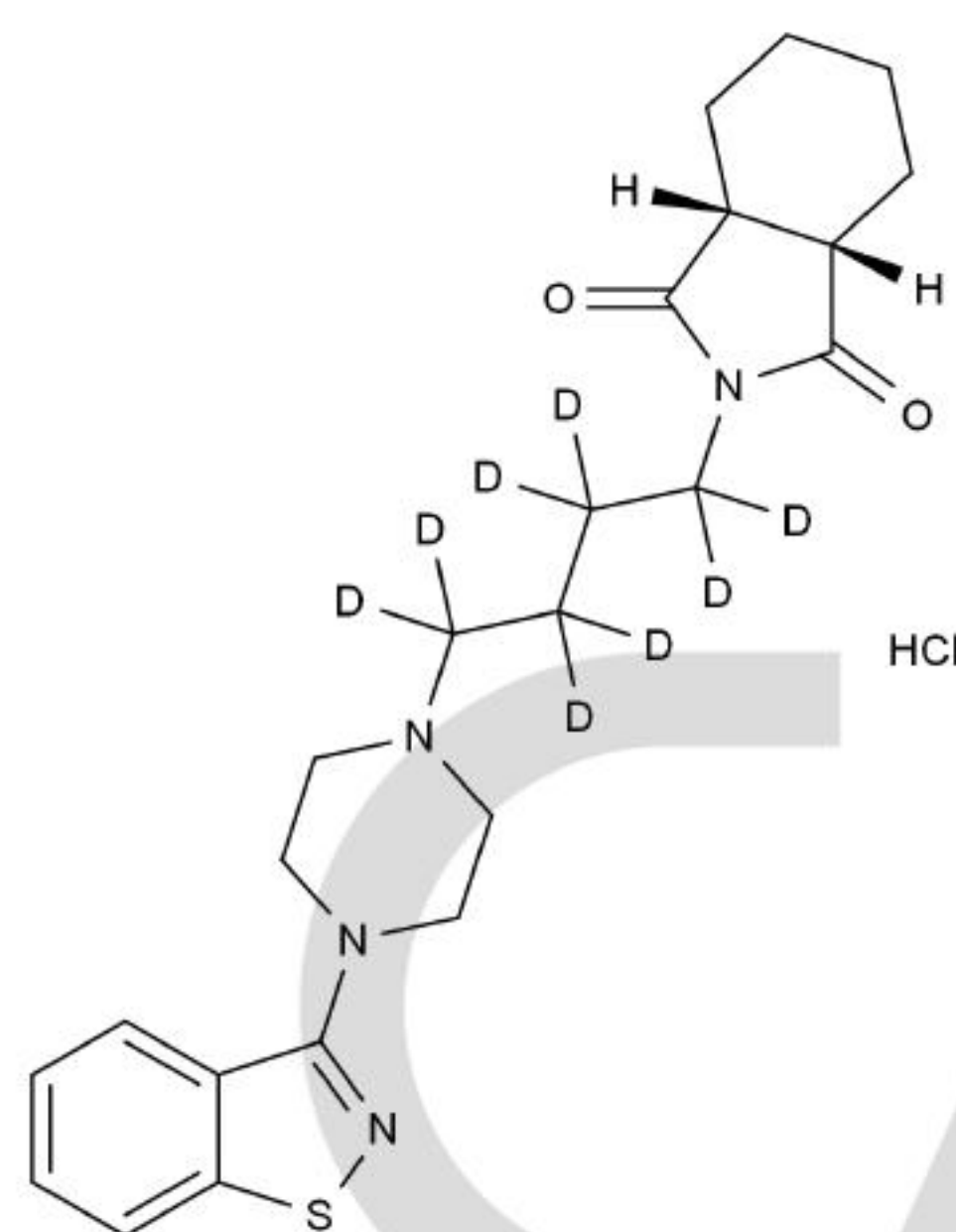


Certificate of Analysis

Reference Material & Standard

Product Name:	Perospirone-d8 HCl	Catalogue Number:	C4X-245830
Synonyms:	N/A	Lot Number:	1014-RD-0002
CAS Number:	129273-38-7 (Unlabeled)	Expiry Date:	Nov 20, 2024
Molecular Formula:	C ₂₃ H ₂₂ D ₈ N ₄ O ₂ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	434.62 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	98.4909%
Isotopic Purity		99.6%
Water Content	Karl Fischer	0.3%
Residual Solvents	NMR	0.5% diethyl ether
Assay		97.7%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

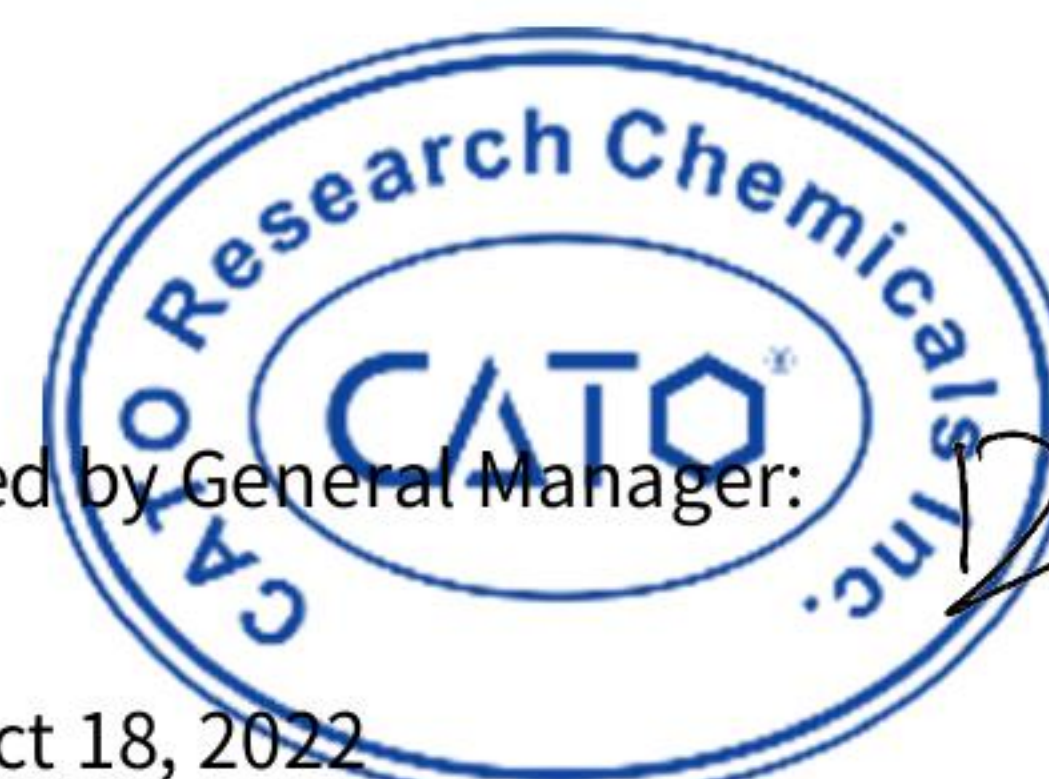
Approved by General Manager:

David

Date: Nov 25, 2020

Date: Oct 18, 2022

Date: Oct 18, 2022



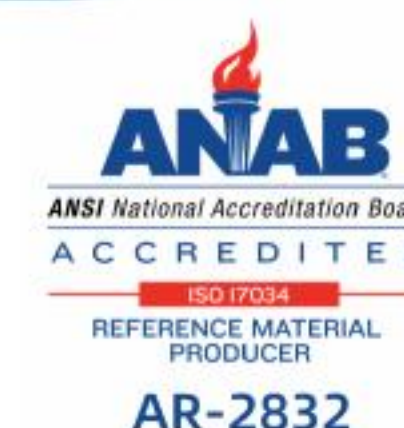
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