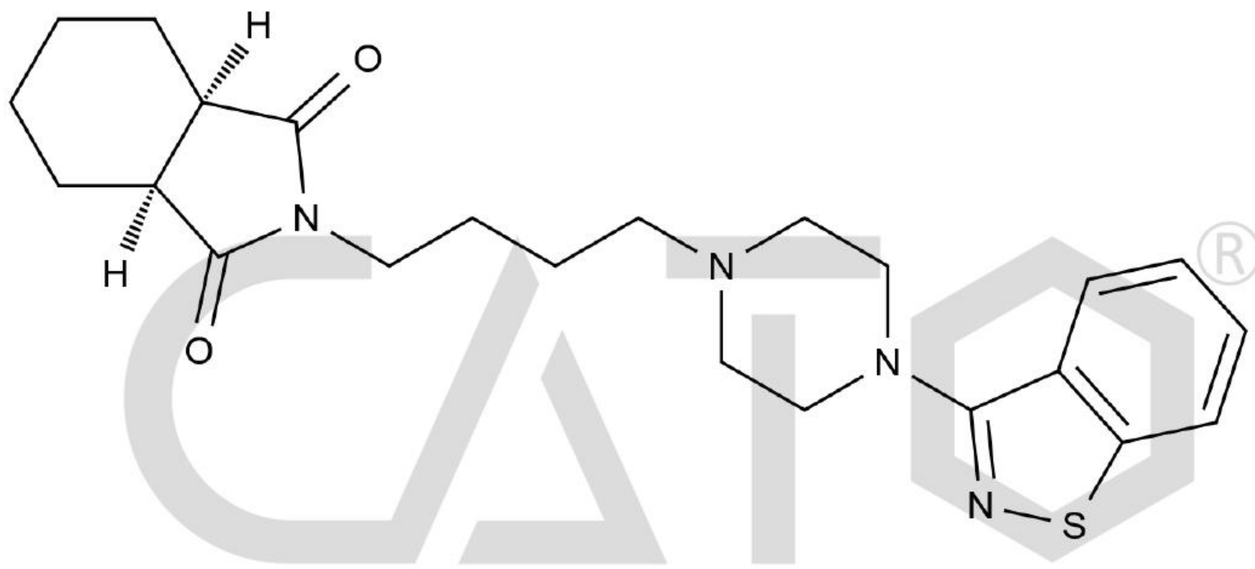
Certificate of Analysis

Reference Material & Standard

Product Name:	Perospirone	**Catalogue Number:**	C1326953
Synonyms:	N/A	**Lot Number:**	1015-RH-0042
CAS Number:	150915-41-6	**Expiry Date:**	Oct 19, 2030
Molecular Formula:	$C_{23}H_{30}N_4O_2S$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	426.57	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.933%
Residue on Ignition	TGA	1.2197%
Loss on Drying	TGA	2.8720%
Assay	qNMR	95.5%
Assay (Assigned Value)	Mass Balance	95.8%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Oct 20, 2026

Reviewed by: Koi Date: Oct 20, 2026

Approved by General Manager: David Date: Oct 20, 2026

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