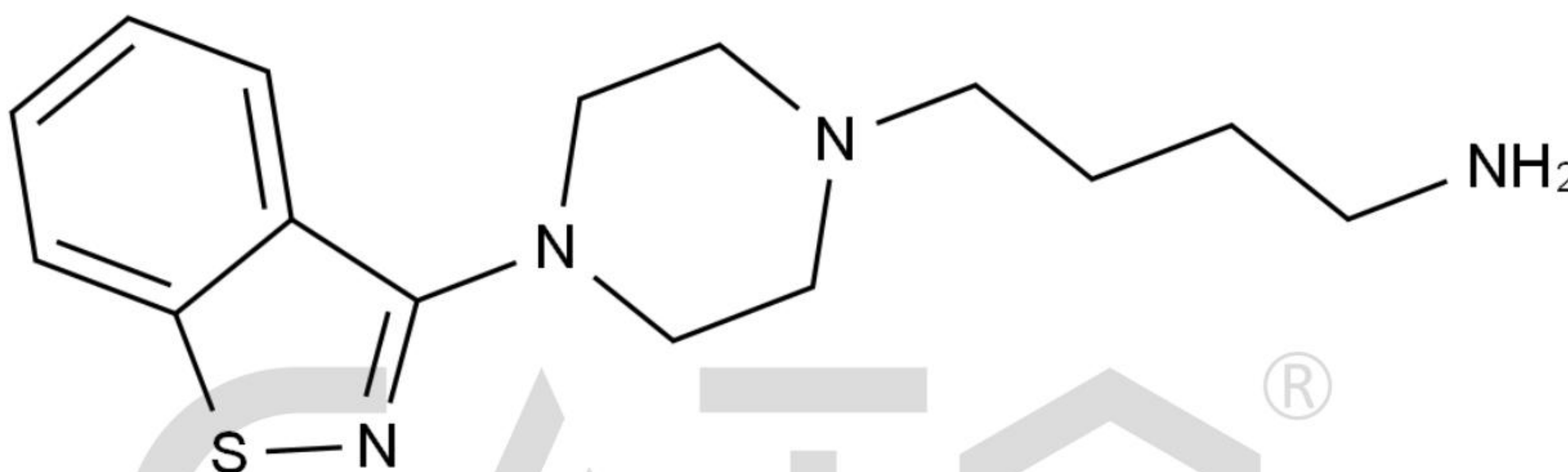


Certificate of Analysis

Reference Material & Standard

Product Name:	Perospirone Impurity 8	Catalogue Number:	C4X-24588
Synonyms:	N/A	Lot Number:	0711-RG-0019
CAS Number:	105981-34-8	Expiry Date:	Jul 10, 2029
Molecular Formula:	C ₁₅ H ₂₂ N ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	290.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.689%
Residue on Ignition	TGA	1.4429%
Loss On Drying	TGA	2.9706%
Assay		91.5%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 11, 2025

Date: Jul 11, 2025

Date: Jul 11, 2025

