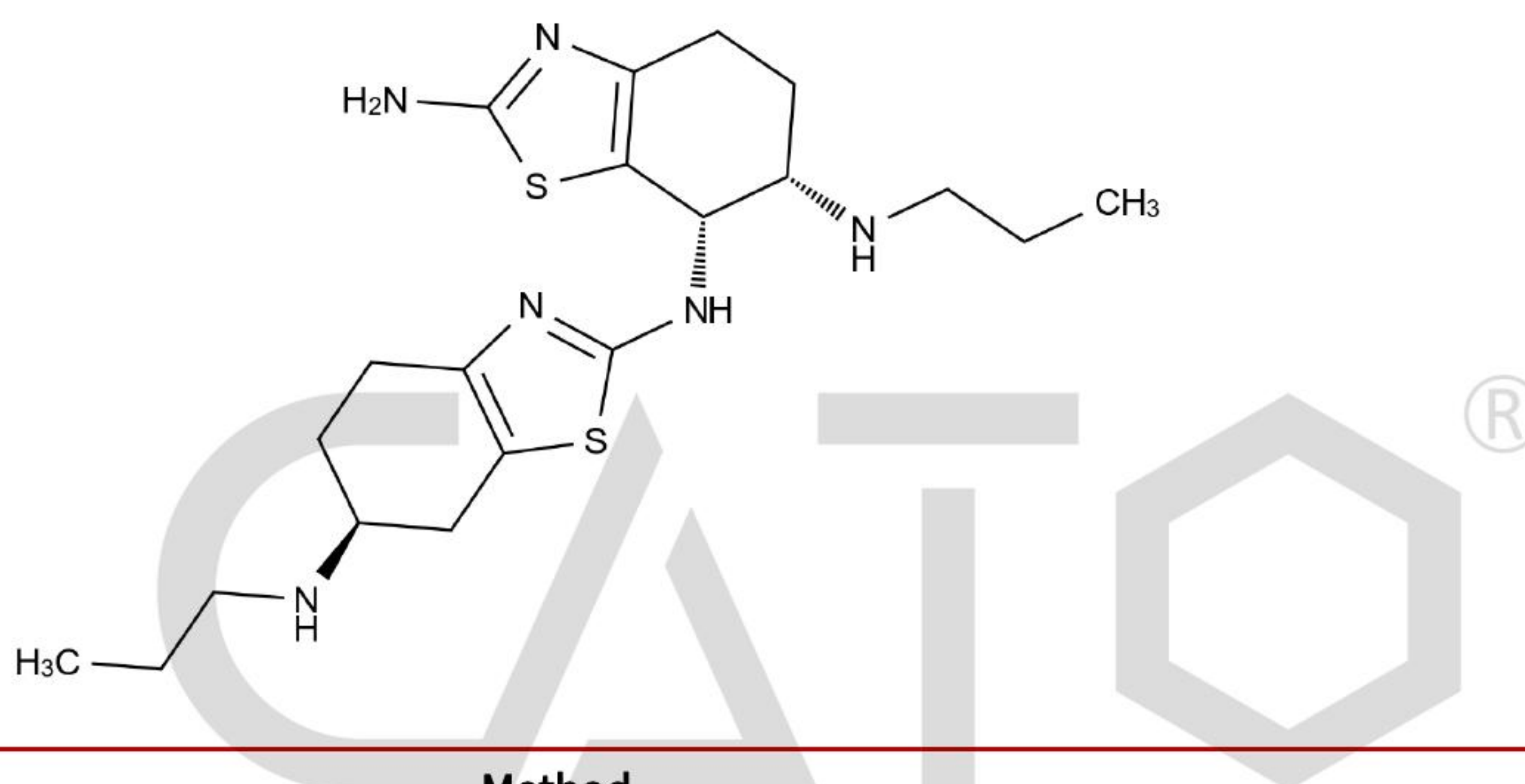


Certificate of Analysis

Reference Material & Standard

Product Name:	Pramipexole Impurity 71	Catalogue Number:	C4X-110771
Synonyms:	N/A	Lot Number:	1223-RF-0090
CAS Number:	N/A	Expiry Date:	Dec 16, 2027
Molecular Formula:	C ₂₀ H ₃₂ N ₆ S ₂	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	420.64		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.65%
Loss On Drying	TGA	5.11%
Assay		94.6%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 23, 2024

Date: Dec 23, 2024

Date: Dec 23, 2024

