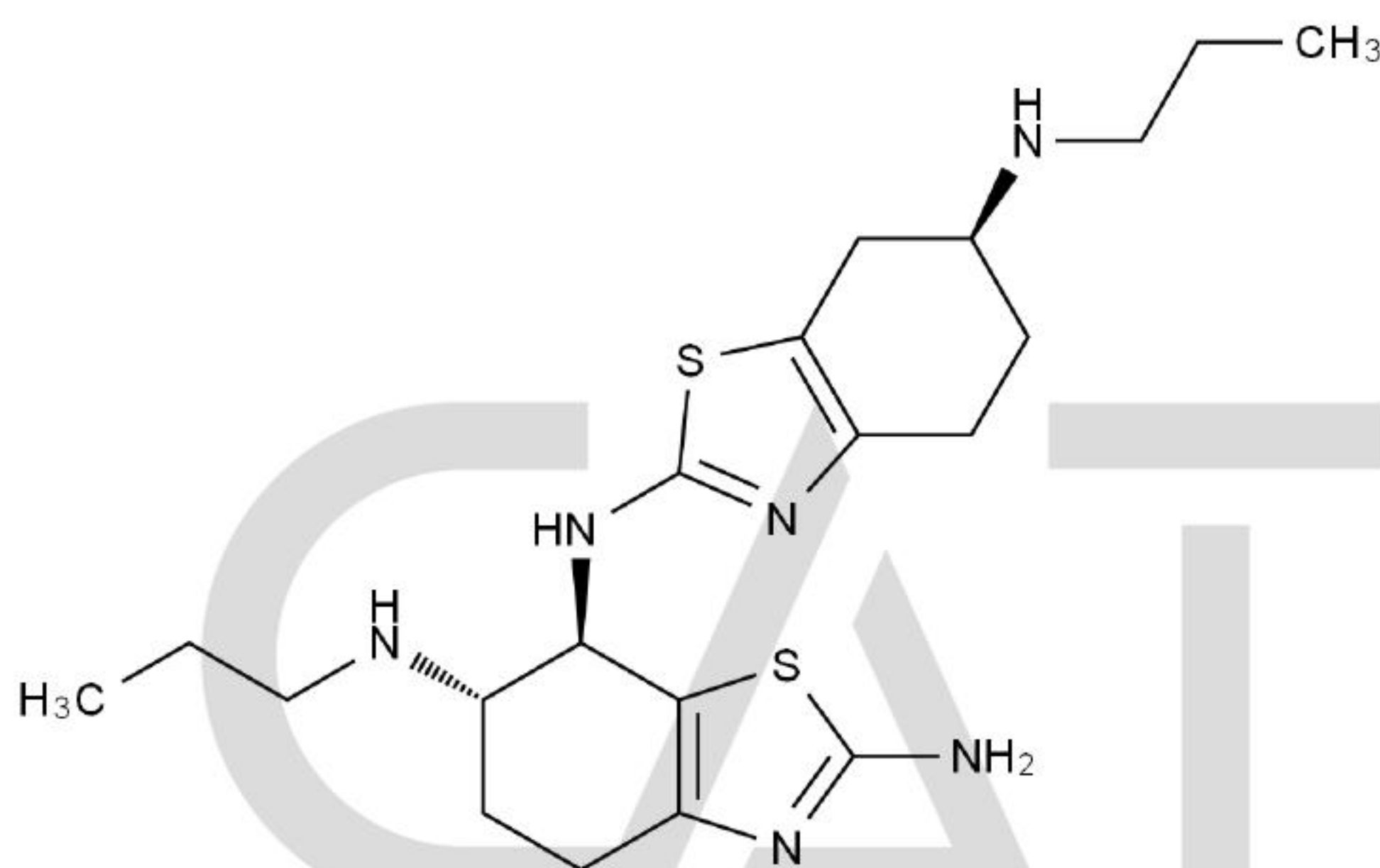


Certificate of Analysis

Reference Material & Standard

Product Name:	pramipexole Impurity 32	Catalogue Number:	C4X-110732
Synonyms:	N/A	Lot Number:	0112-RH-0163
CAS Number:	1244656-98-1	Expiry Date:	Dec 28, 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	Shipping Condition:	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.49%
Loss On Drying	TGA	6.633%
Assay		89.2%

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:

Reviewed by:

Approved by General Manager:

Date: Jan 14, 2026

Date: Jan 14, 2026

Date: Jan 14, 2026



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