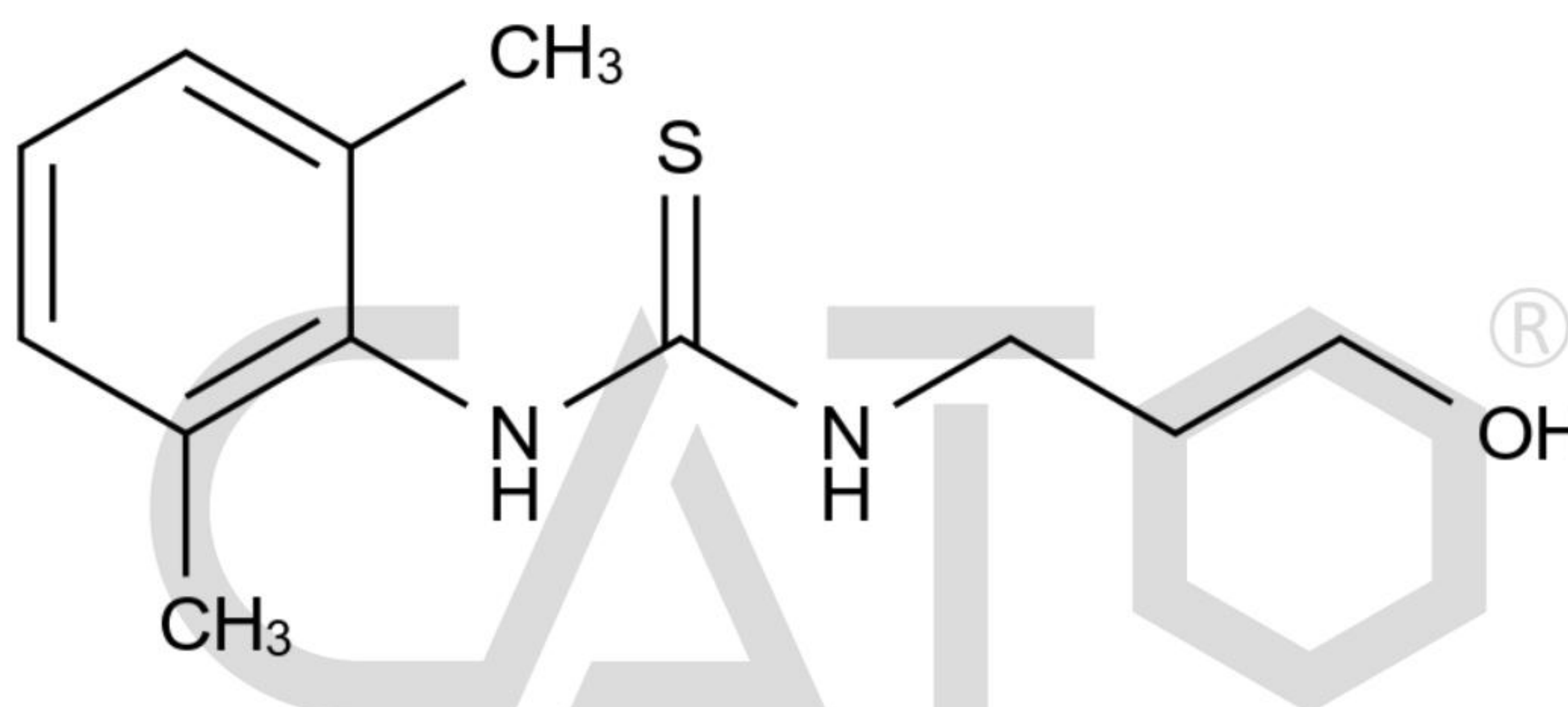


Certificate of Analysis

Reference Material & Standard

Product Name:	Xylazine Hydrochloride EP Impurity D	Catalogue Number:	C4X-34201
Synonyms:	N/A	Lot Number:	0918-RG-0079
CAS Number:	120077-91-0	Expiry Date:	Mar 11, 2030
Molecular Formula:	C ₁₂ H ₁₈ N ₂ OS	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	238.35	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.951%
Loss on Drying	TGA	0.3737%
Assay		98.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 12, 2026

Date: Mar 12, 2026

Date: Mar 12, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

