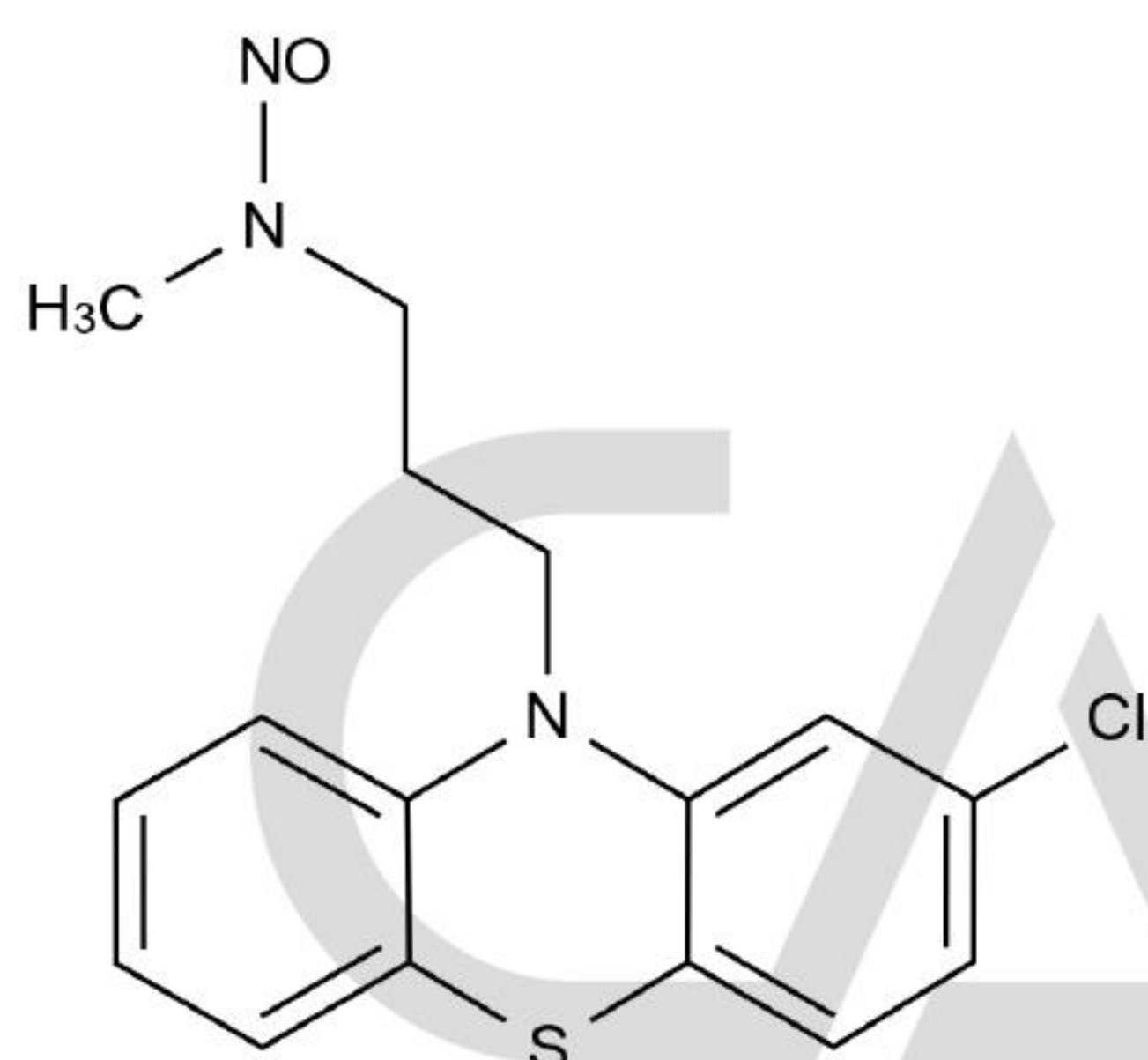


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso Chlorpromazine EP Impurity D	Catalogue Number:	C4X-142117
Synonyms:	N/A	Lot Number:	0918-RG-0062
CAS Number:	55855-44-2	Expiry Date:	Apr 22, 2030
Molecular Formula:	C ₁₆ H ₁₆ ClN ₃ OS	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	333.84	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.136%
Loss on Drying	TGA	0.4034%
Assay		95.7%

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: Apr 23, 2026

Date: Apr 24, 2026

Date: Apr 24, 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>

