

Certificate of Analysis

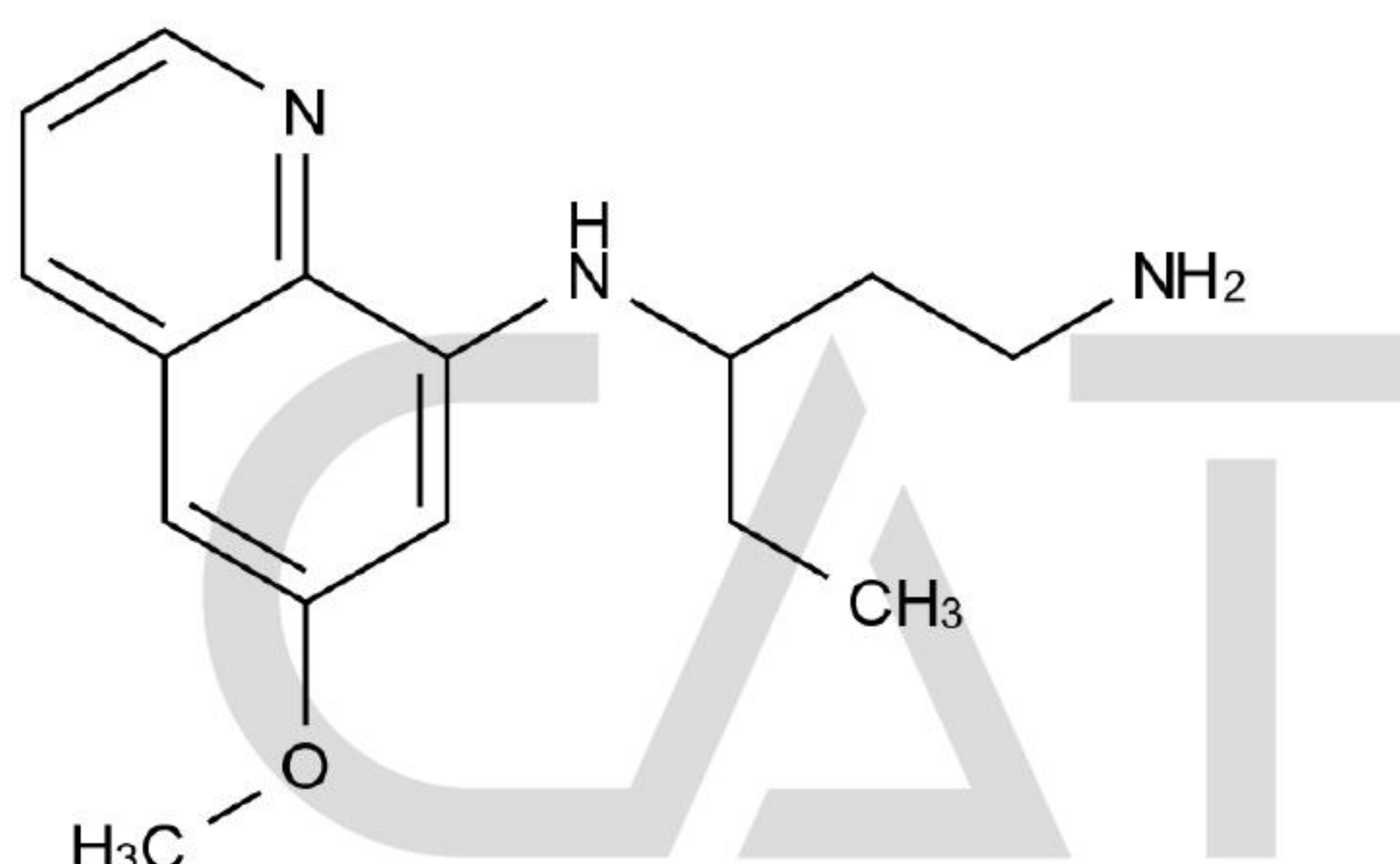
Reference Material & Standard

Product Name:	Primaquine Impurity 4	Catalogue Number:	C4X-26354
Synonyms:	N/A	Lot Number:	0831-RH-0010
CAS Number:	2732404-25-8	Expiry Date:	Oct 20, 2028
Molecular Formula:	C ₁₅ H ₂₁ N ₃ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	259.35	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Solid
Identification	HRMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	92.58%
Loss on Drying	TGA	5.166%
Assay		87.8%

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: Aug 31, 2026

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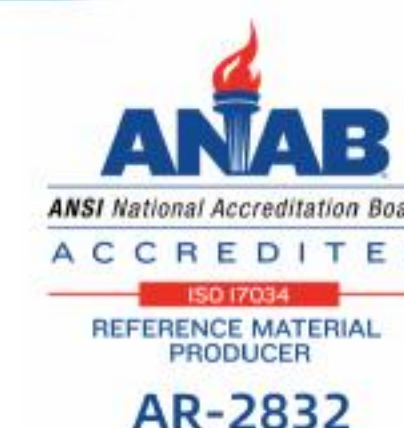
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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