

Certificate of Analysis

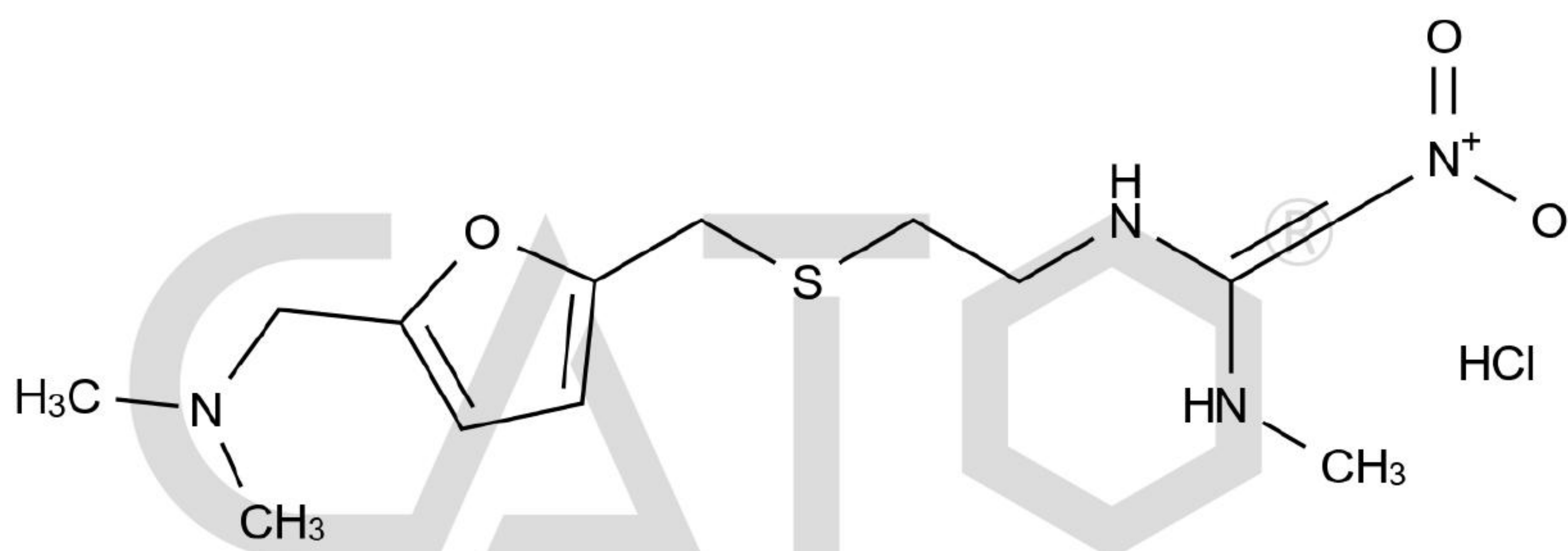
Reference Material & Standard

Product Name:	Ranitidine Hydrochloride	Catalogue Number:	C4X-1370
Synonyms:	N/A	Lot Number:	0818-RH-0038
CAS Number:	66357-59-3	Expiry Date:	Aug 24, 2030
Molecular Formula:	C ₁₃ H ₂₂ N ₄ O ₃ S HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	314.40 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	1.0316%
Residue on Ignition	TGA	0.2837%
Assay		98.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residue on Ignition) * Purity HPLC (%) / 100%

Water Content and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 25, 2026

Date: Aug 25, 2026

Date: Aug 25, 2026



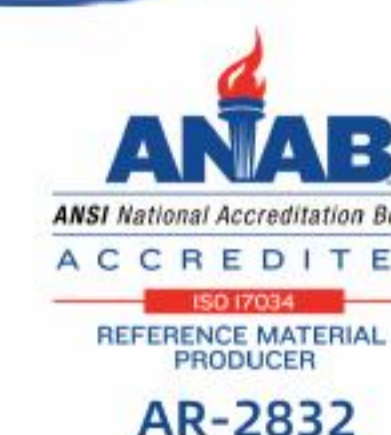
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



Official WeChat