

Certificate of Analysis

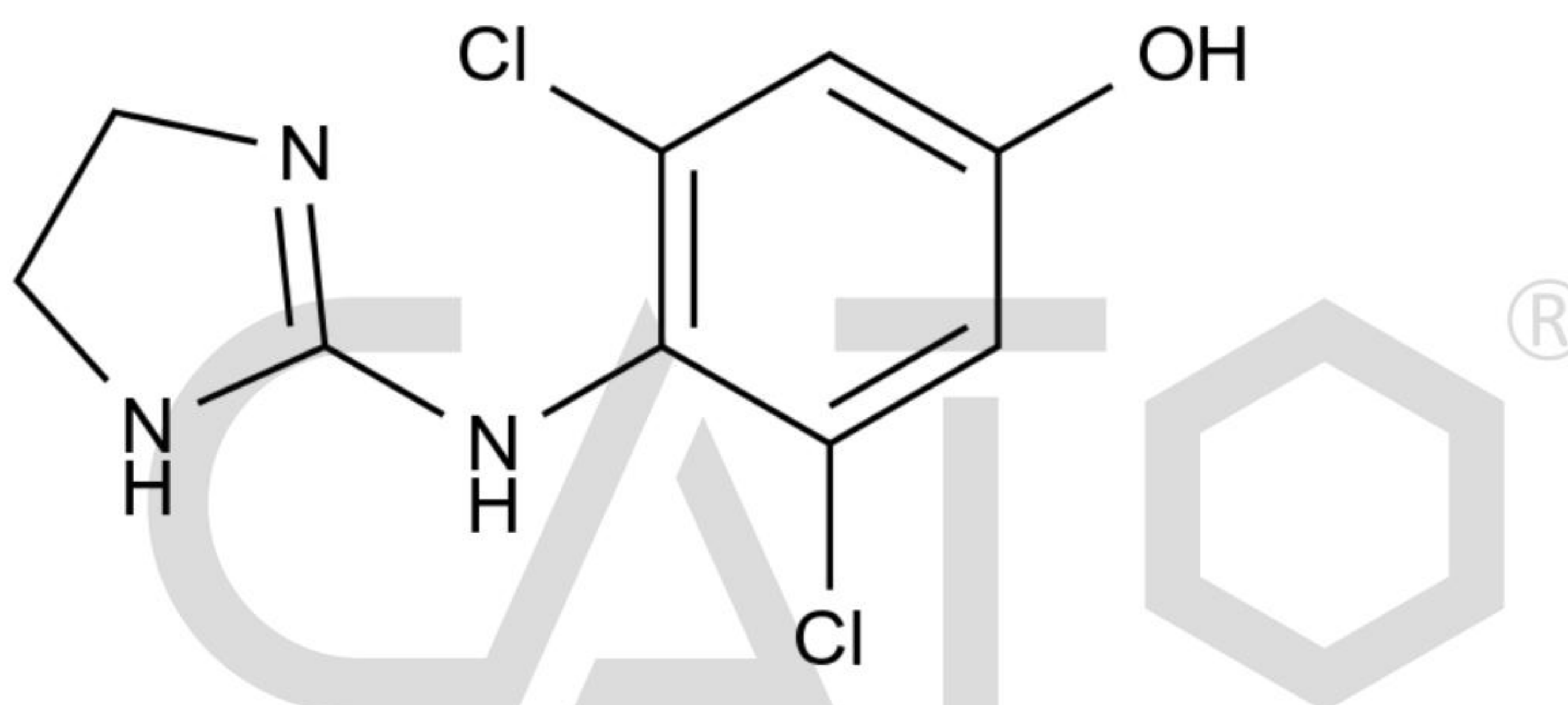
Reference Material & Standard

Product Name:	4-Hydroxy Clonidine	Catalogue Number:	C1725133
Synonyms:	N/A	Lot Number:	1019-RH-0003
CAS Number:	57101-48-1	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₉ H ₉ Cl ₂ N ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	246.09	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.4781%
Water Content	Karl Fischer	0.10%
Residual Solvents	NMR	1.0% methanol
Assay	Mass Balance	98.4%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Oct 23, 2026

Date: Oct 23, 2026

Date: Oct 23, 2026



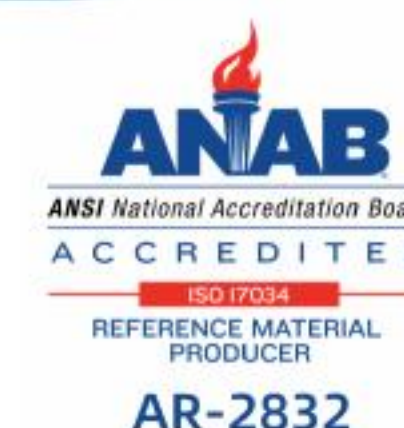
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



Official WeChat