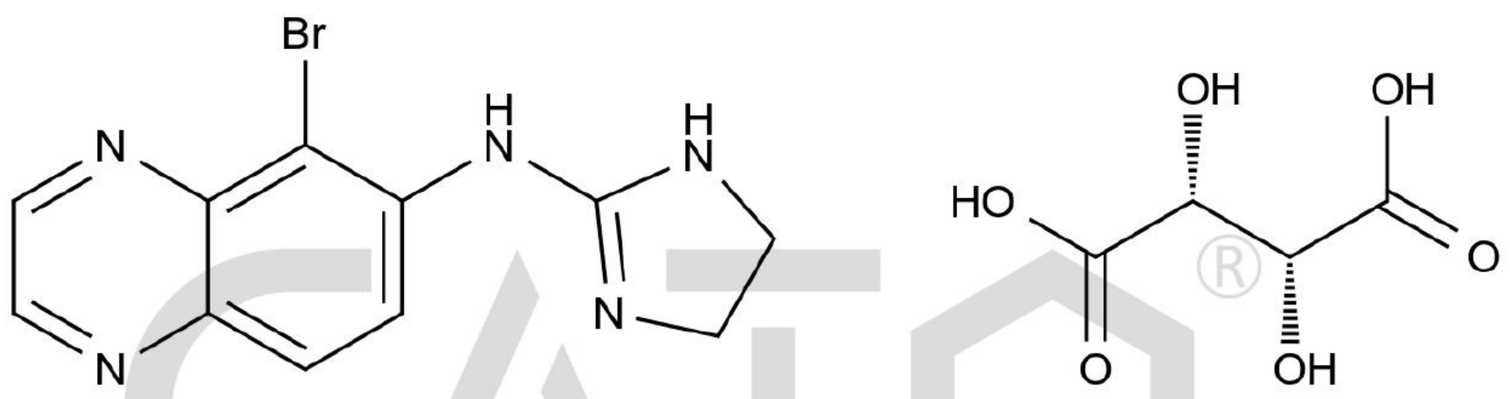
Certificate of Analysis

Reference Material & Standard

Product Name:	Brimonidine Tartrate	**Catalogue Number:**	C4X-156614
Synonyms:	N/A	**Lot Number:**	1105-RH-0072
CAS Number:	70359-46-5	**Expiry Date:**	Nov 08, 2030
Molecular Formula:	$C_{11}H_{10}BrN_5$ $C_4H_6O_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	292.13 150.09	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.844%
Loss on Drying	TGA	0.2829%
Assay	Mass Balance	99.6%

CATO Research Chemicals Inc.

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: Alice Date: Nov 09, 2026

Reviewed by: Koi Date: Nov 09, 2026

Approved by General Manager: David Date: Nov 09, 2026

CATO Research Chemicals Inc.