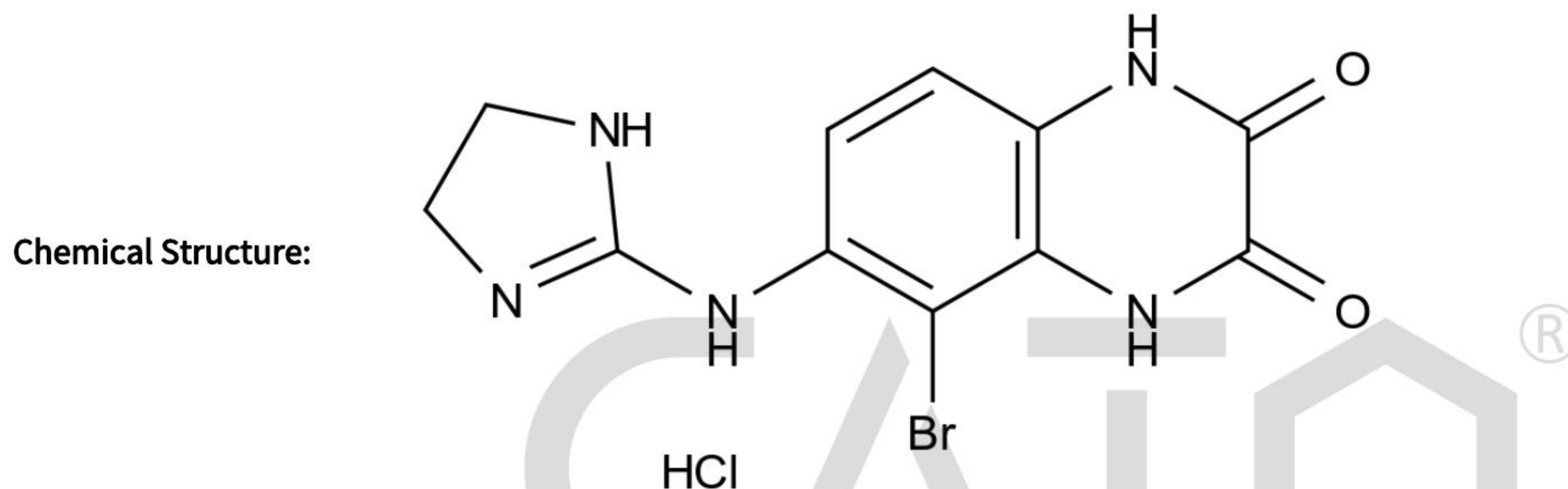


Certificate of Analysis

Reference Material & Standard

Product Name:	Brimonidine Impurity 8 HCl	Catalogue Number:	C4X-15668
Synonyms:	N/A	Lot Number:	0425-RF-0006
CAS Number:	182627-95-8(free base)	Expiry Date:	Apr 17, 2027
Molecular Formula:	C ₁₁ H ₁₀ BrN ₅ O ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	324.13 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.4005%
Water Content	Karl Fischer	6.20%
Residual Solvents	NMR	0.1% methanol
Assay		91.3%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Apr 28, 2024

Date: Apr 28, 2024

Date: Apr 28, 2024

