

Certificate of Analysis

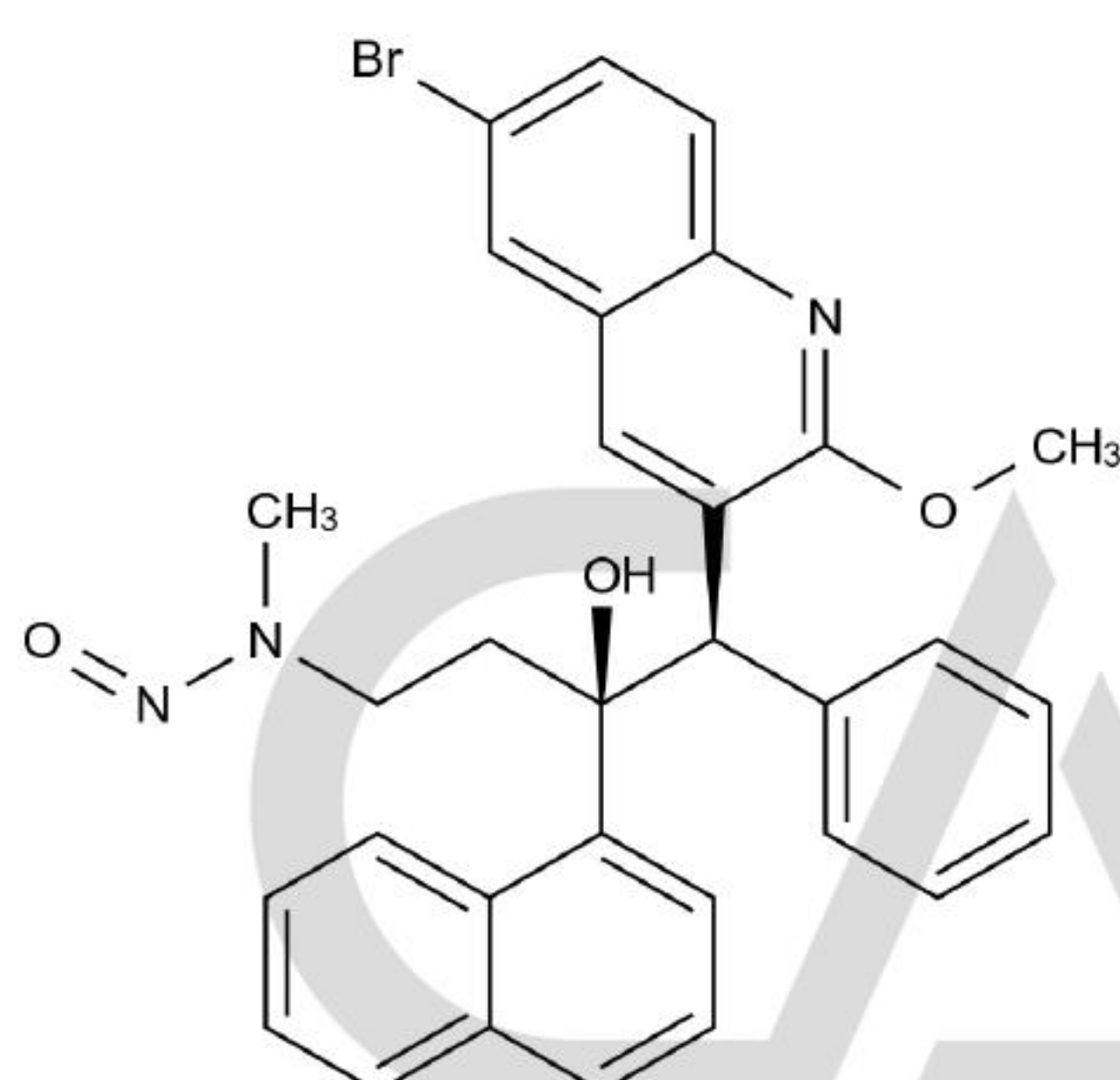
Reference Material & Standard

Product Name:	Betaquiline Impurity 24	Catalogue Number:	C4X-116724
Synonyms:	N/A	Lot Number:	0226-RH-0040
CAS Number:	N/A	Expiry Date:	Jan 17, 2028
Molecular Formula:	C ₃₁ H ₂₈ BrN ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	570.48	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.47%
Loss On Drying	TGA	0.901%
Assay		97.6%

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: Feb 27, 2026

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