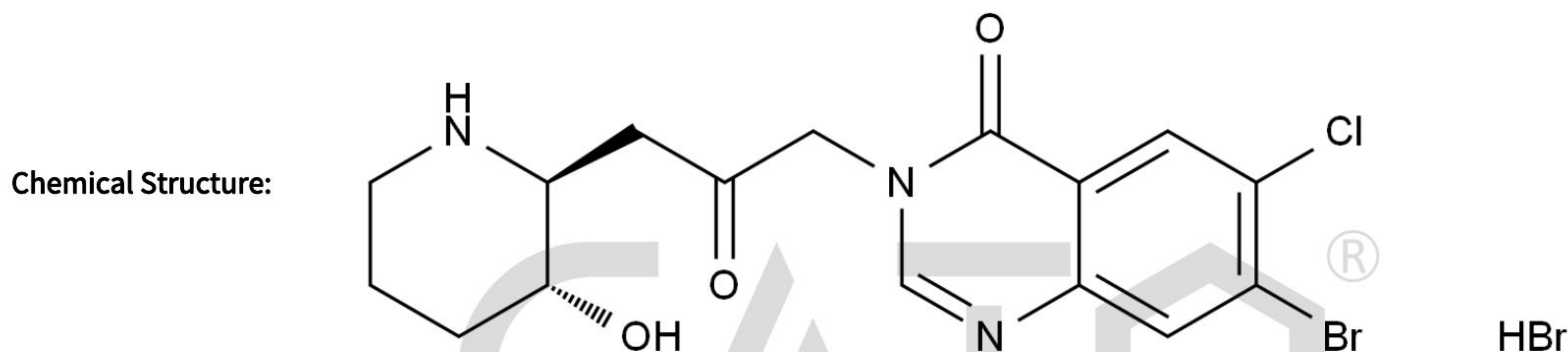


Certificate of Analysis

Reference Material & Standard

Product Name:	Halofuginone Hydrobromide	Catalogue Number:	CCAD300728
Synonyms:	N/A	Lot Number:	1120-RF-0048
CAS Number:	64924-67-0	Expiry Date:	Dec 03, 2028
Molecular Formula:	C ₁₆ H ₁₇ BrClN ₃ O ₃ HBr	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	414.68 80.91	Warning:	



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.4%
Assay	qNMR	87.1%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 04, 2024

Date: Dec 04, 2024

Date: Dec 04, 2024

