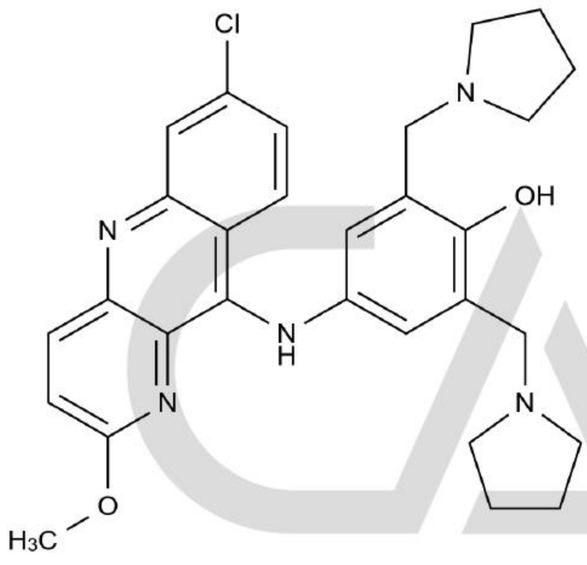
Certificate of Analysis

Reference Material & Standard

Product Name:	Pyronaridine	**Catalogue Number:**	C1891800
Synonyms:	N/A	**Lot Number:**	1119-RH-0071
CAS Number:	74847-35-1	**Expiry Date:**	May 12, 2030
Molecular Formula:	$C_{29}H_{32}ClN_5O_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	518.05	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	Yellow to Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.34%
Loss on Drying	TGA	0.6517%
Assay	Mass Balance	94.7%

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: Nov 19, 2026 Date: Date: