

Certificate of Analysis

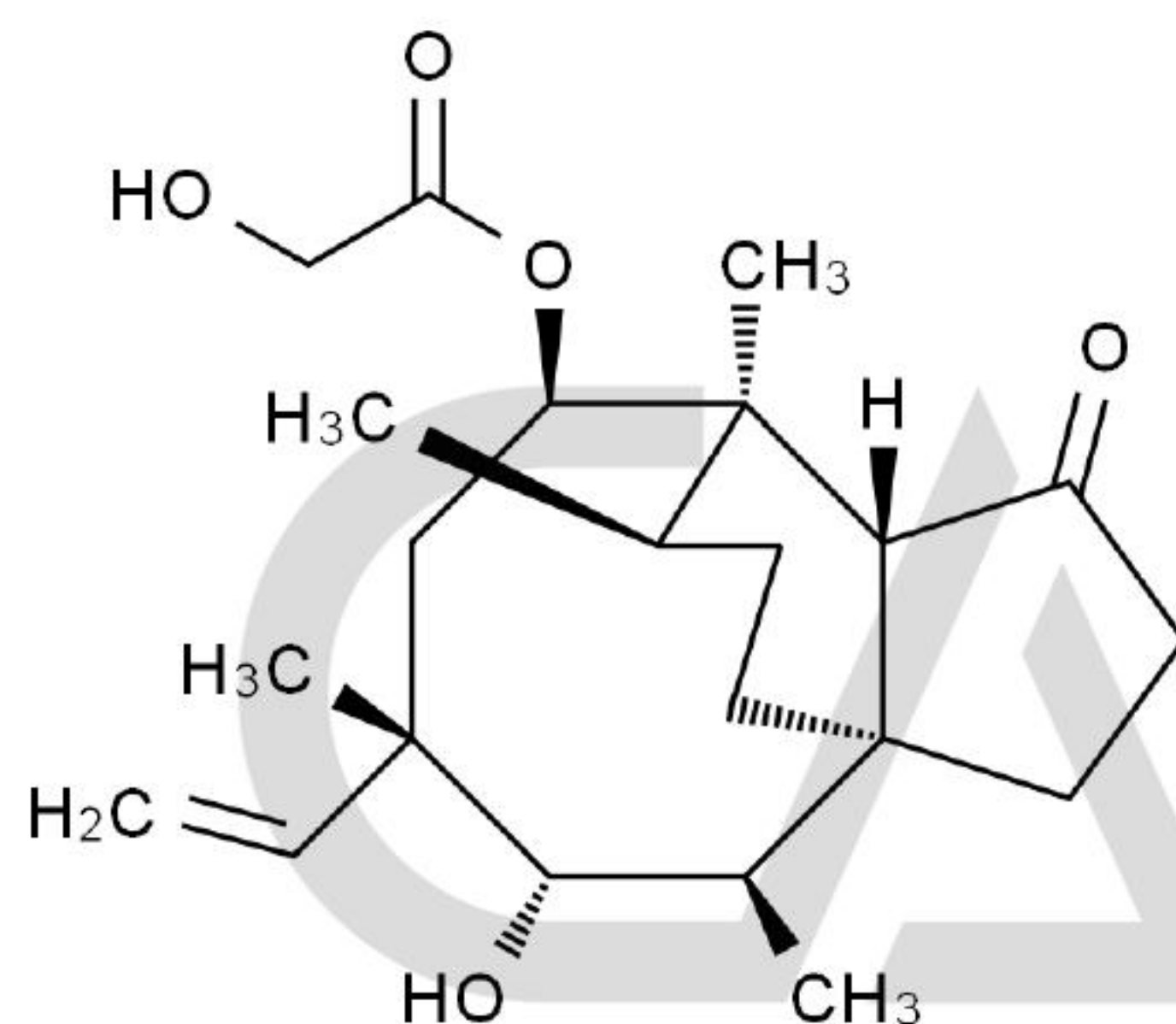
Reference Material & Standard

Product Name:	Pleuromutilin	Catalogue Number:	C4X-19994
Synonyms:	N/A	Lot Number:	0721-RE-0042
CAS Number:	125-65-5	Expiry Date:	Feb 08, 2030
Molecular Formula:	C ₂₂ H ₃₄ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	378.50	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.699%
Loss On Drying	TGA	0.1141%
Assay		95.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 09, 2026

Date: Feb 10, 2026

Date: Feb 10, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

