

Certificate of Analysis

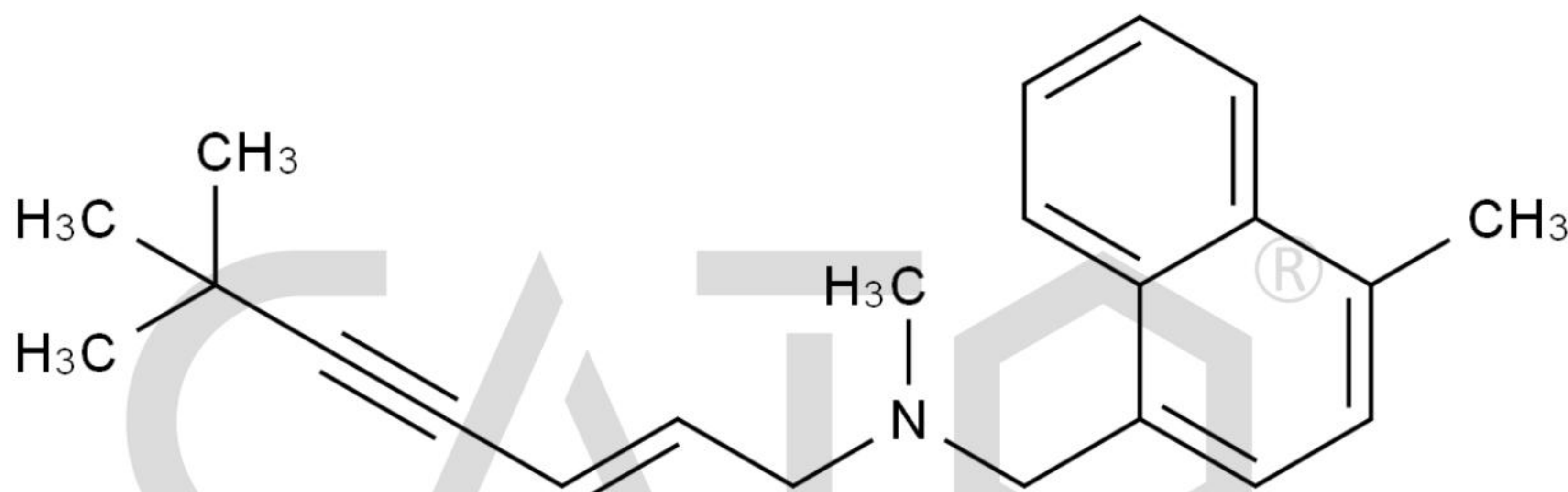
Reference Material & Standard

Product Name:	Terbinafine EP Impurity D	Catalogue Number:	C4X-133812
Synonyms:	N/A	Lot Number:	1028-RF-0153
CAS Number:	151222-50-3	Expiry Date:	Apr 01, 2030
Molecular Formula:	C ₂₂ H ₂₇ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	305.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.964%
Water Content	Karl Fischer	0.03%
Residual Solvents	NMR	Not detected in NMR
Assay		98.9%

Comment:

The calculation of the mass balance 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:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 16, 2026

Date: Apr 17, 2026

Date: Apr 17, 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>

