

Certificate of Analysis

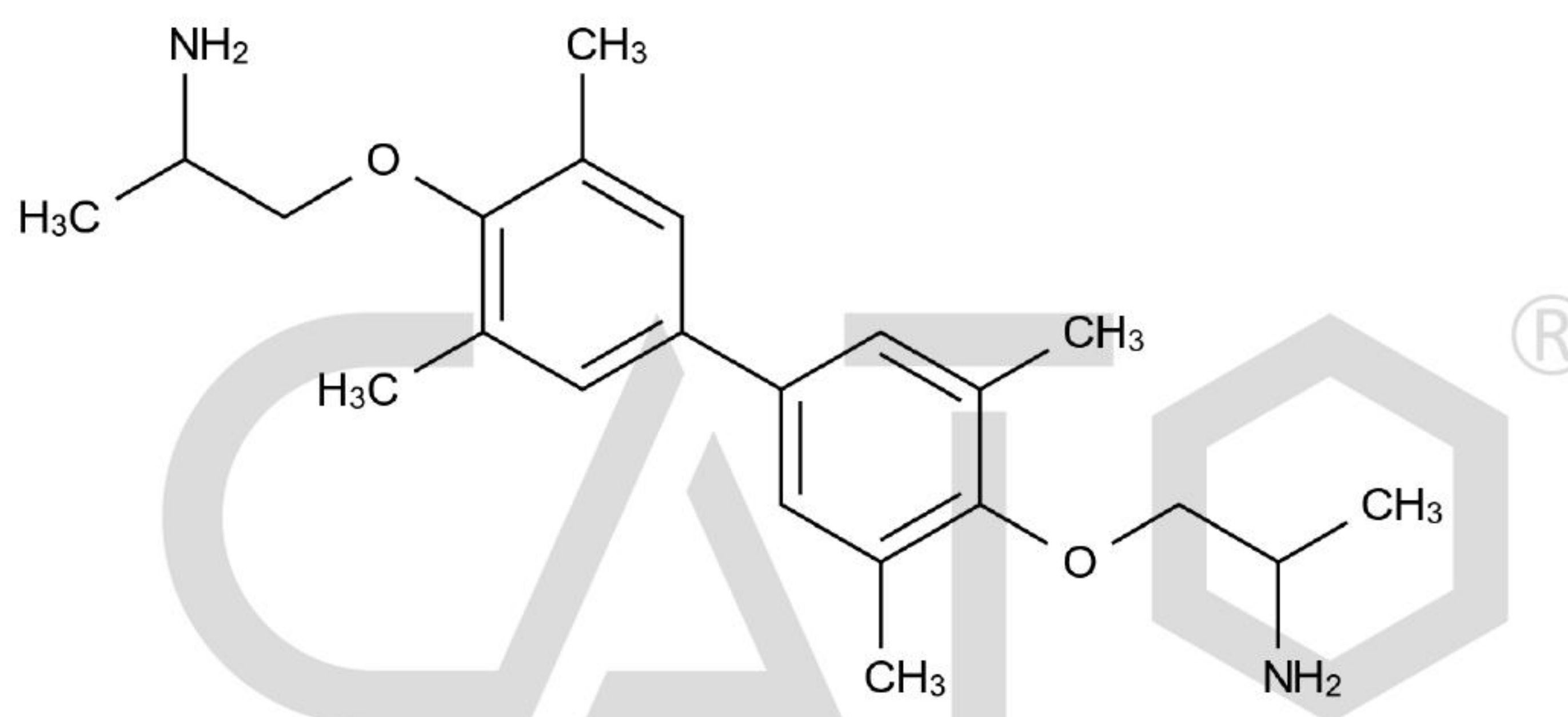
Reference Material & Standard

Product Name:	Mexiletine EP Impurity C	Catalogue Number:	CP125875
Synonyms:	N/A	Lot Number:	0601-RH-0145
CAS Number:	2059988-38-2	Expiry Date:	Jun 03, 2030
Molecular Formula:	C ₂₂ H ₃₂ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	356.50	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.499%
Loss on Drying	TGA	4.0600%
Assay		94.5%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 04, 2026

Date: Jun 04, 2026

Date: Jun 04, 2026



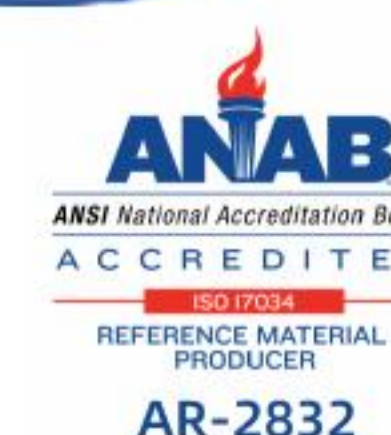
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



Official
WeChat