CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

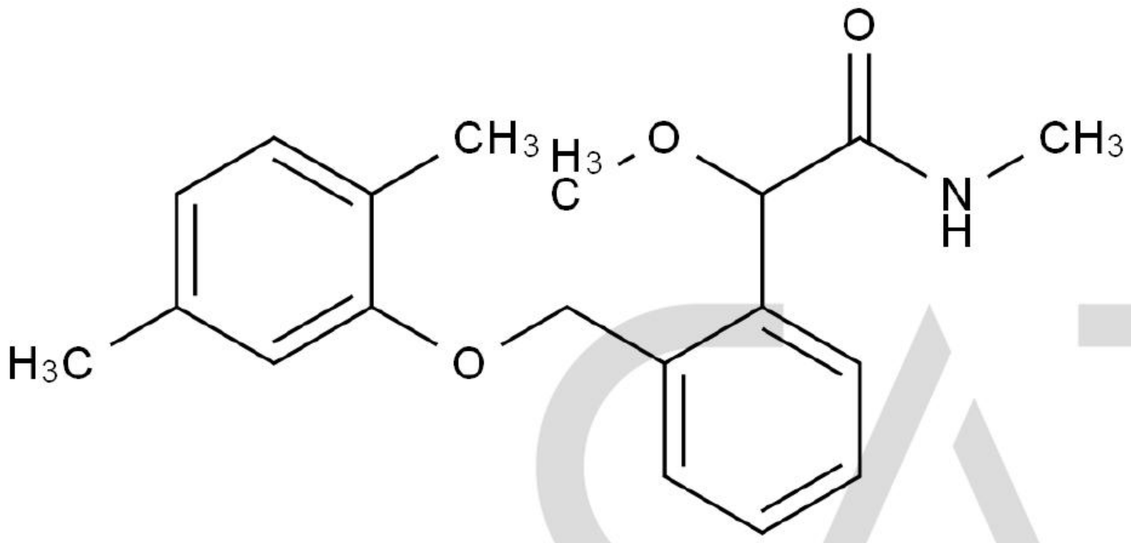
No.: 202302170013

Certificate of Analysis

Reference Material & Standard

Product Name:	Mandestrobin	**Catalogue Number:**	CCPD102012
Synonyms:	N/A	**Lot Number:**	0217-RE-0016
CAS Number:	173662-97-0	**Expiry Date:**	May 18, 2025
Molecular Formula:	C19H23NO3	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	313.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Purity	UPLC	98.24%
Water Content	Karl Fischer	0.91%
Assay		97.3%
Uncertainty		±2.0%

CATO Research Chemicals Inc.

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content) * Purity UPLC (%) /100%*
Water Content is considered as absolute effect, UPLC purity is considered as relative effect.
3. 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: 古雪 Date: May 19, 2022

Reviewed by: Date: Feb 22, 2023

Aporoved by General Manager: Date: Feb 22, 2023

CATO Research Chemicals Inc.

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China
Tel: +86-20-81960175 Fax: +86-20-81717260 Email: supports@cato-chem.com Web: Https://www.cato-chem.com

Official WeChat