



1. Identification

Catalogue Number

TRC-E589045

Lot Number

5-KSK-143-1

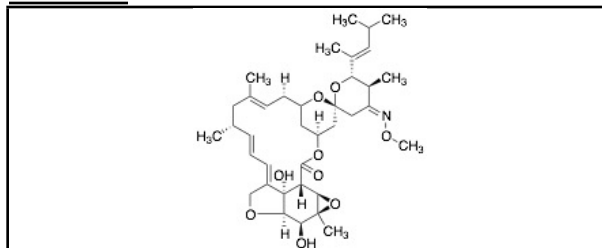
Product Name

3,4-Epoxy-moxidectin

Synonyms

(3R,4S,6R,23E,25S)-5-O-Demethyl-28-deoxy-25-[(1E)-1,3-dimethyl-1-buten-1-yl]
-3,4:6,28-diepoxy-3,4-dihydro-23-(methoxyimino)milbemycin B

Structure



CAS Number

1402163-94-3

Solubility

Chloroform (Slightly), Methanol
(Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₃₇H₅₃NO₉

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

655.82

Purity

97%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

7/16/2021

Retest Date

7/14/2025