

1. Identification

Catalogue Number

M202723

Lot Number

7-QQS-115-1

Product Name

Meclocycline

Synonyms

(4S,4aR,5S,5aR,12aS)-7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide; 7-Chloro-6-methylene-5-oxytetracycline; GS 2989; Meclocycline; NSC 78502; [4S-(4α,4aα,5α,5aα,12aα)]-7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo

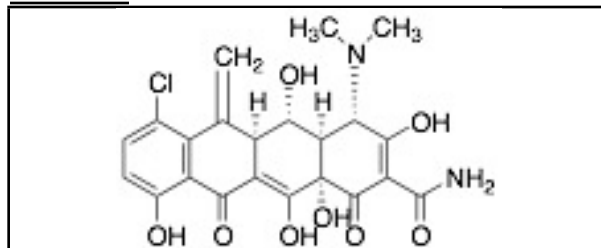
CAS Number

2013-58-3

Solubility

DMSO (Slightly), Methanol (Sparingly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₂H₂₁ClN₂O₈

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

476.86

Purity

95%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Dark Yellow Solid

Results

Dark Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

94.75% (245 nm)

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 ± 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

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/6/2023

Retest Date

7/4/2027