

**1. Identification**Catalogue Number

S488500

Lot Number

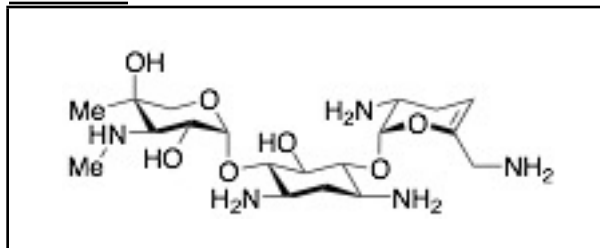
14-EQJ-123-2

Product Name

Sisomicin

Synonyms

O-3-Deoxy-4-C-methyl-3-(methylamino)-β-L-arabinopyranosyl-(1-6)-O-[2,6-diamino-2,3,4,6-tetradeoxy-α-D-glycero-hex-4-enopyranosyl-(1-4)]-2-deoxy-D-Streptamine; Antibiotic 66-40; Antibiotic 6640; Rickamicin; Sch 13475; Siseptin;

StructureCAS Number

32385-11-8

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Molecular FormulaC₁₉H₃₇N₅O₇Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

447.53

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Pale Yellow to Yellow Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 47.06, %H: 8.72, %N: 15.00

HPLC Purity

>95%

98.45% (ELSD)

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. SignaturesReviewed by

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/27/2023

Retest Date

7/25/2027