

1. Identification

Catalogue Number

C292770

Lot Number

712029568-4-1

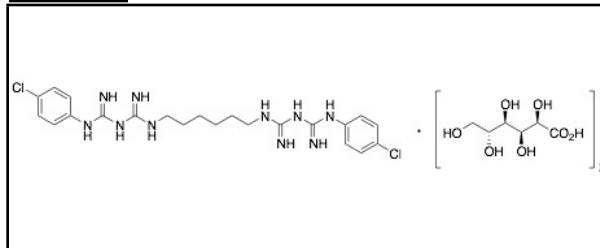
Product Name

Chlorhexidine Digluconate (20% in water)

Synonyms

D-Gluconic Acid Compd. With N1,N14-bis(4-Chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1); D-Gluconic Acid Compd. With 1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide] (2:1); D-Gluconic Acid Compd. With N,N"-bis(4-Chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1); D-Gluconic Acid Compd. With 1,1'-

Structure



CAS Number

18472-51-0

Solubility

DMSO (Sparingly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃₄H₅₄Cl₂N₁₀O₁₄

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

897.76

Purity

95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless Solution

Results

Clear Colourless Solution

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Water Content

Report Result

81.5% by Karl Fischer

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

Nicole Yip
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Quality Assurance Associate

Test Date

6/20/2024

Retest Date

6/18/2028