Certificate of Analysis

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1. Identification

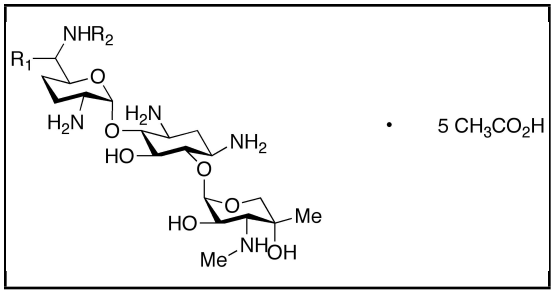
CAS Number:
1405-41-0

Catalogue Number:
G360602

Product:
Gentamicin Deuterated (C Complex) Pentaacetate Salt (Contains d0)

Synonyms:
Alcomicin; Bristagen; Cidomycin; Duragentam; Garamycin; Garasol; Genoptic; Gentacidin; Gentacin; Gentaglyde; Gentalyn; Gentamicin C Complex Citrate; Gentibioptal; Genticin; Gentocin; Gentogram; Gent-Ophtal; Getalline; GM;

Structure:



Molecular Formula:
N/A

Molecular Weight:
N/A

Source of Product:
Synthetic

2. Analytical Information

Lot Number:
3-MLM-38-1

Melting Point:
95 - 99°C

Boiling Point:
N/A

Atmosphere:
Inert Gas

Appearance of Product:
Off-White to Pale Yellow Solid

Solubility
Water (Slightly)

Method for Determining Identity:
^{1}H NMR (D_2O) and MS

Stability
Very Hygroscopic

Purity:
N/A

Long Term Storage Condition:
Hygroscopic, -20˚C Freezer, Under Inert Atmosphere

Additional Information:
^{1}H NMR and MS conform to structure.

Philip Chan, Head of Quality Assurance

QC Test Date
November 17, 2015

Retest Date
November 15, 2018