

Product Information

Compound Name

Josamycin EP Impurity B

Synonyms

(2S,3S,4R,6S)-6-(((2R,3S,4R,5R,6S)-6-(((4R,5S,6S,7R,9R,10R,11E,13E,16R)-4-acetoxy-10-hydroxy-7-(2-hydroxyethyl)-5-methoxy-9,16-dimethyl-2-oxooxacyclohexadeca-11,13-dien-6-yl)oxy)-4-(dimethylamino)-5-hydroxy-2-methyltetrahydro-2H-pyran-3-yl)oxy)-4-hydroxy-2,4-dimethyltetrahydro-2H-pyran-3-yl 3-methylbutanoate

Chemical Formula

C₄₂H₇₁NO₁₅

Molecular Weight

830.01

Catalogue Number

J0004.01

Lot No.

AMJ-012-04

Long-Term Storage Conditions

2-8 °C

Shipping Conditions

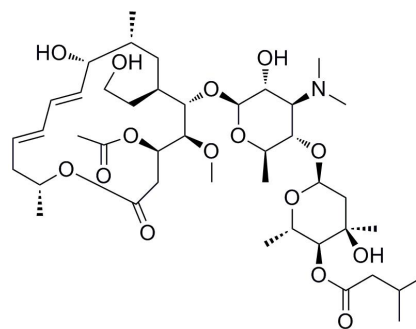
Ice Pack

Appearance

White Solid

Test Date: Feb. 15, 2022

Re-test Date: Feb. 14, 2025



CAS No. : 40361-41-9

Analytical Information

Solubility

CD₃CN

Weight Loss by TGA

0.64%

Method for Determining Identity

MS, ¹H NMR (DMSO-d₆), ¹³C NMR (DMSO-d₆), IR, TGA

Purity (HPLC)

98.56%

Potency

97.92%

QA Manager

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