

1. Identification

Catalogue Number

F370020

Lot Number

15-MNZ-97-1

Product Name

(E/Z)-FK-506 26,28-Allylic Ester Rearrangement Impurity (>90%)

Synonyms

[3R-[3R*(1R*,3R*,4R*),4E,6S*,7S*,10R*,11E,14S*,16S*,17R*,18S*,20R*,21R*,28aS*]]-7,8,10,13,14,15,16,17,18,19,20,21,26,27,28,28a-Hexadecahydro-7,21-dihydroxy-3-(4-hydroxy-3-methoxycyclohexyl)-16,18-dimethoxy-4,6,12,14,20-pentamethyl-10-(2-propenyl)-17,21-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclopentacosine-1,9,22,23(6H,25H)-tetrone; Tacrolimus Impurity D

CAS Number

131944-48-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Molecular Formula

C₄₄H₆₉NO₁₂

Source of Product

Synthetic

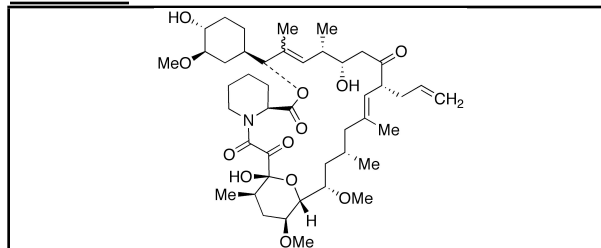
Molecular Weight

804.02

Purity

>90%

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Long Term Storage Conditions

-20°C

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

92.61% (200 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 $\pm 2\%$. 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



Vijaya Annapareddy

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

8/7/2025

Retest Date

8/5/2029