

1. Identification

Catalogue Number

V760002

Lot Number

4-ZMO-133-2

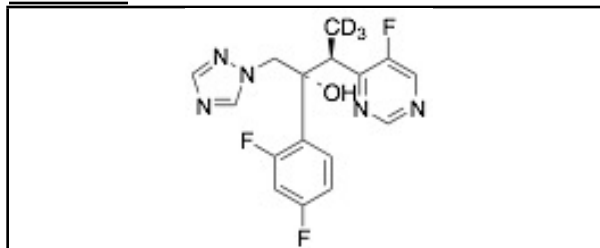
Product Name

Voriconazole-d3

Synonyms

(α R, β S)- α -(2,4-Difluorophenyl)-5-fluoro- β -(methyl-d3)- α -(1H-1,2,4-triazol-1-ylmethyl)-4-pyrimidineethanol; DRG 0301; UK-109496-d3; VRC-d3; Vfend-d3; Voriconazol-d3;

Structure



CAS Number

1217661-14-7

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₁₁D₃F₃N₅O

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

352.33

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests	Specifications	Results
Appearance	White to Light Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.99, %H: 3.90, %N: 18.71
HPLC Purity	>95%	99.63% (205 nm)
Chirality	Report Result	ee = 99.67% by Chiral HPLC (260 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.9%
Specific Rotation	Report Result	-56.5° (c = 1.1, Methanol)

Additional Information

Normalized Intensity: d₀ = 0.43%, d₁ = 0.00%, d₂ = 1.97%, d₃ = 97.60%

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/7/2023

Retest Date

7/5/2027