



CERTIFICATE OF ANALYSIS

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1. Identification

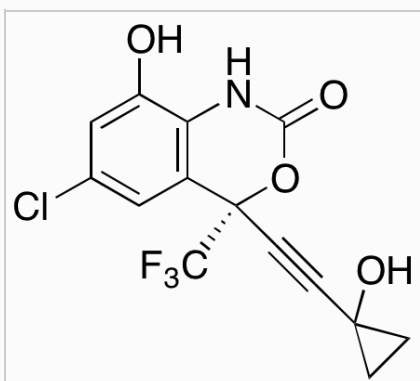
Catalogue Number: D468240

CAS Number: 252343-27-4

Product: (S)-8,14-Dihydroxy Efavirenz

Synonym: (S)-6-chloro-8-hydroxy-4-((1-hydroxycyclopropyl)ethynyl)-4-(trifluoromethyl)-1H-benzo[d][1,3]oxazin-2(4H)-one;

Structure:



Molecular Formula:

C₁₄H₉ClF₃NO₄

Molecular weight:

347.67

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 3-ERL-142-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Brown Solid	Off-White to Pale Brown Solid
Specific Rotation	Report Result	-30.5° (c = 0.2, Methanol)
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 45.81, %H: 3.08, %N: 3.66
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Water Content	Report Result	5.5% by Karl Fischer
HPLC Purity	Report Result	99.47% (215 nm)

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	11/17/2021	11/15/2025

Evan Burns