



CERTIFICATE OF ANALYSIS

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1. Identification

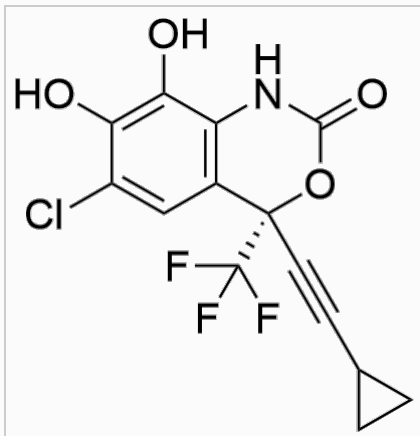
Catalogue Number: D452979

CAS Number: 2454245-79-3

Product: (S)-7,8-Dihydroxy Efavirenz

Synonym: (S)-6-Chloro-4-(cyclopropylethynyl)-7,8-dihydroxy-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: 12-GAC-150-1

Purity: 96%

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 Light Yellow Solid	Light Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 47.65, %H: 2.64, %N: 3.84
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Specific Rotation	Report Result	+1.2° (c = 0.2, MeOH)
HPLC Purity	Report Result	98.83% (215 nm)
Chirality	Report Result	ee = 51.34% by Chiral HPLC (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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	8/17/2021	8/15/2025

