



Certificate of Analysis for HRP-4624

Efavirenz

Catalog No. HRP-4624

This reagent is the property of the U.S. Government.

Product Description:

Efavirenz (brand name: Sustiva®) is a non-nucleoside reverse transcriptase inhibitor of human immunodeficiency virus type 1 (HIV-1). Efavirenz activity is mediated predominantly by noncompetitive inhibition of HIV-1 reverse transcriptase. HIV-2 reverse transcriptase and human cellular DNA polymerases are not inhibited by efavirenz.

Lot: 70053682

Manufacturing Date: 11JUL2022

All information below was provided on 28JUN2022 by TCI America, Inc. for the bulk material (TCI America, Inc. lot EQXFM).

Chemical Name	(S)-6-Chloro-4-(cyclopropylethynyl)-1,4-dihydro-4-(trifluoromethyl)-2H-3,1-benzoxazin-2-one
Structure	
Formula	C ₁₄ H ₉ ClF ₃ NO ₂
Molecular Weight	315.7
CAS Number	154598-52-4
Content per Vial	20.0 mg ± 0.3 mg
Appearance	Very pale yellow crystalline powder
Purity	
HPLC	99.9%
With total nitrogen	99.5%
Melting Point	138.9°C
Specific Rotation [α] _D ²⁰	-95.4 degrees

/Ken Crawford/
Ken Crawford

15 DEC 2022

Lead Technical Writer, ATCC Federal Solutions

ATCC®, on behalf of the NIH HIV Reagent Program, hereby represents and warrants that the material provided under this certificate has been subjected by the manufacturer to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC's knowledge.

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NIH HIV Reagent Program

www.hivreagentprogram.org

E-mail: contact@HIVReagentProgram.org

Tel: 888-487-0727 | Fax: 703-365-2898

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