

Efavirenz

Catalog No. HRP-4624

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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.

CAS Number	154598-52-4
Chemical Name	(S)-6-Chloro-4-(cyclopropylethynyl)-1,4-dihydro-4-(trifluoromethyl)-2H-3,1-benzoxazin-2-one
Formula	C ₁₄ H ₉ ClF ₃ NO ₂
Molecular Weight	315.7
Structure	

Lot: 70072704

Receipt Date: 21NOV2024

All information below was accepted by Combi-Blocks, Inc. on 17OCT2017 for the bulk material (Combi-Blocks lot B20419).

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	White solid
Content per Vial	Report results	20 mg ± 0.3 mg
NMR	Spectrum consistent with structure	Spectrum consistent with structure
Specific Rotation [α]_{20/D}	Report results	-103.5° (c=1, MeOH)
Melting Point	130°C to 140°C	137°C to 138°C
Purity (NMR)	≥ 98%	98%

/Kenneth R. Crawford/
Kenneth R. Crawford

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Lead Technical Writer or designee, ATCC Federal Solutions

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