



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Nelfinavir
Catalog Number:	4621
Lot Number:	01985
Release Category:	A
Provided:	20 mg
Chemical Name:	3-Isoquinolinecarboxamide, N-(1,1-dimethylethyl)decahydro-2- [(2R,3R)-2-hydroxy-3-[(3-hydroxy-2-methylbenzoyl)amino]-4- (phenylthio)butyl]-(3S,4aS,8aS)
Empirical Formula:	C ₃₂ H ₄₅ N ₃ O ₄ S · 0.36 H ₂ O.
Molecular Weight:	574.29 for material containing 0.36 mol H ₂ O.
CAS Num:	159989-64-7
Purity:	98.3%
Solubility:	DMSO; methanol and ethanol; slightly soluble in ethyl acetate; insoluble in water.
Mechanical Action:	Nelfinavir is an inhibitor of HIV-1 protease. Inhibition of the viral protease prevents cleavage of the <i>gag</i> and <i>gag-pol</i> polyprotein resulting in the production of immature, non-infectious virus.
Special Characteristics:	COA
Recommended Storage:	Room temperature. Once resuspended, working aliquots can be stored at -20°C.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

Contributor: Division of AIDS, NIAID.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Nelfinavir."

This compound is restricted for "research purposes only" and is limited to 40 mg per requester per year. Not available for release to commercial organizations outside of the USA.

Recipient agrees that the reagent (Nelfinavir) use is permitted only as a standard for in vitro and/or studies in animals for inhibition of HIV replication.

Last Updated July 25, 2014

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