



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Amprenavir
Catalog Number:	8148
Lot Number:	030291
Release Category:	A
Provided:	20 mg
Chemical Name:	(3S)-tetrahydro-3-furyl N-[(1S,2R)-3-(4-amino-N-isobutylbenzene sulfonamide)-1-benzyl-2-hydroxypropyl]carbamate
Empirical Formula:	C ₂₅ H ₃₅ N ₃ O ₆ S
Molecular Weight:	505.63
CAS Num:	161814-49-9
Purity:	99.7% (by HPLC)
Solubility:	Soluble in methanol, ethanol, chloroform, DMSO, acetonitrile, and methylene chloride. Insoluble in water and hexane.
Mechanical Action:	Amprenavir is an inhibitor of HIV-1 protease. Amprenavir binds to the active site of HIV-1 protease and thereby prevents the processing of viral <i>gag</i> and <i>gag-pol</i> polyprotein precursors, resulting in the formation of immature non-infectious viral particles.
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: NIAID, DAIDS

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Amprenavir from NIAID, DAIDS (cat# 8148)."

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 (Amprenavir) use is permitted only as a standard for in vitro and/or studies in animals for inhibition of HIV replication.

Last Updated July 24, 2018

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