



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Atazanavir Sulfate
Catalog Number:	10003
Lot Number:	040131
Release Category:	A
Provided:	20 mg
Chemical Name:	(3S,8S,9S,12S)-3,12-Bis(1,1-dimethylethyl)-8-hydroxy-4,11-Dioxo-9-(phenylmethyl)-6-[[4-(2-pyridinyl)phenyl]methyl]2,5,6,10,13-pentaazatetradecanedioic acid dimethyl ester, sulfate
Empirical Formula:	C ₃₈ H ₅₂ N ₆ O ₇ · H ₂ SO ₄
Molecular Weight:	802.9
CAS Num:	229975-97-7
Purity:	>90%
Solubility:	Slightly soluble in water (4-5 mg/ml, free base equivalent), also soluble in DMSO and alcohol. Insoluble in EtOAc or CH ₂ Cl ₂
Mechanical Action:	Atazanavir is an azapeptide HIV-1 protease inhibitor. The compound selectively inhibits the virus-specific processing of viral <i>gag</i> and <i>gag-pol</i> polyproteins in HIV-1 infected cells, thus preventing formation of mature virions.
Special Characteristics:	COA

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.

Recommended Storage: Room temperature. Once resuspended, working aliquots can be stored at -20°C .

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: Atazanavir Sulfate."

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

Last Updated February 25, 2015

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