



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	Tipranavir (Aptivus)
Catalog Number:	11285
Lot Number:	NB33-92-4
Release Category:	A
Provided:	20 mg
Chemical Name:	2-Pyridinesulphonamide, N-[3-[(1R)-1-[(6R)-5,6-dihydro-4-hydroxy-2-oxo-6-(2-phenylethyl)-6-propyl-2H-pyran-3-yl]propyl]phenyl]-5- (trifluoromethyl)-
Empirical Formula:	C ₃₁ H ₃₃ F ₃ N ₂ O ₅ S
HPLC Purity:	100%
Molecular Weight:	602.7
CAS Num:	174484-41-4
Purity:	100% (by HPLC)
Solubility:	Tipranavir is soluble in ethyl acetate. It is insoluble in aqueous buffer at pH 7.5.
Mechanical Action:	Tipranavir is a non-peptidic HIV-1 protease inhibitor that inhibits the virus-specific processing of the viral <i>gag</i> and <i>gag-pol</i> polyproteins in HIV-1 infected cells. The drug prevents formation of mature virions. Tipranavir demonstrates antiviral activity <i>in vitro</i> against a broad panel of HIV-1 group M non-clade B isolates. HIV-1 group O and HIV-2 isolates have reduced susceptibility to tipranavir.

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.

Special Characteristics: [Click here for the SDS](#)

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

Contributor: DAIDS, NIAID

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Tipranavir from NIAID, DAIDS (cat# 11285)."
Recipient agrees that the reagent [Tipranavir (Aptivus)] use is permitted only as a standard for in vitro and/or studies in animals for inhibition of HIV replication.

Last Updated November 25, 2019

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.