



Product Information Sheet for HRP-4666

Nevirapine

Catalog No. HRP-4666

This reagent is the property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:

NIH HIV Reagent Program

Manufacturer:

Ambeed, Inc.

Product Description:

Nevirapine (brand name: Viramune) is a non-nucleoside reverse transcriptase inhibitor of human immunodeficiency virus (HIV-1). Nevirapine binds directly to reverse transcriptase and blocks the RNA-dependent and DNA-dependent DNA polymerase activities by causing a disruption of the enzyme's catalytic site. HIV-2 reverse transcriptase and eukaryotic DNA polymerase are not inhibited by nevirapine.

Material Provided:

Each vial contains approximately 20.0 mg of Nevirapine.

Note: HRP-4666 is soluble in DMSO and chloroform, and is soluble in water (0.1 mg/mL at neutral pH), but only slightly soluble in methanol.

Packaging/Storage:

HRP-4666 was packaged in glass serum vials and is provided at room temperature. Once resuspended, working aliquots can be stored at -20°C . The vial should be centrifuged prior to opening.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, NIAID, NIH: Nevirapine, HRP-4666, contributed by the NIH HIV Reagent Program."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories \(BMBL\)](#), 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the NIH HIV Reagent Program Material Transfer Agreement (MTA). The MTA is available on our Web site at www.hivreagentprogram.org.

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