

Ritonavir

Catalog No. HRP-4622

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For research use only. Not for use in humans.

Contributor:

NIH HIV Reagent Program

Manufacturer:

AK Scientific, Inc., Union City, California, USA

Product Description:

Ritonavir (brand name: Norvir[®]; also referred to as A-84538 and ABT-538) is a peptidomimetic inhibitor of both human immunodeficiency virus (HIV) type 1 and type 2 proteases. Inhibition of HIV proteases renders the enzyme incapable of processing the gag-pol polypeptide precursor, which leads to the production of non-infectious immature HIV particles.

Material Provided:

Each vial contains approximately 20 mg of ritonavir.

Packaging/Storage:

HRP-4622 was packaged in glass vials. The product is provided at room temperature and should be stored at 2°C to 8°C. Once resuspended, working aliquots can be stored at -20°C. The vial should be centrifuged prior to opening.

Solubility:

HRP-4622 is soluble in DMSO at 20.0 mg/mL, but only moderately soluble in ethanol and water.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Ritonavir, HRP-4622."

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.

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