

<b>REAGENT:</b>	Nevirapine
<b>REPOSITORY REFERENCE:</b>	ARP970
<b>PROVIDED:</b>	20 mg
<b>DESCRIPTION:</b>	Nevirapine is a non-nucleoside reverse transcriptase inhibitor of HIV-1. Nevirapine binds directly to reverse transcriptase and blocks the RNA dependent and DNA-dependent DNA polymerase activities by causing a disruption of enzyme's catalytic site. HIV-2 reverse transcriptase and eukaryotic DNA polymerase are not inhibited by nevirapine.
<b>CHEMICAL NAME:</b>	11-cyclopropyl-5,11-dihydro-4-methyl-4H-dipyrido [3,2-b:2',3'-][1,4] diazepin-6-one
<b>MOLECULAR FORMULA:</b>	C <sub>15</sub> H <sub>14</sub> N <sub>4</sub> O
<b>MOLECULAR WEIGHT:</b>	266.31
<b>SOLUBILITY:</b>	DMSO; chloroform; slightly soluble in methanol; insoluble in water.
<b>RECOMMENDED STORAGE:</b>	Room temperature
<b>SOURCE:</b>	The AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH.

**ACKNOWLEDGEMENT:**

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Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

**This compound is limited to 40 mg per requester per year. It may only be used as a standard for *in vitro* assays.**