

**Centre For AIDS Reagents**

**Data Sheet**

<b>NAME:</b>	Ritonavir
<b>REPOSITORY REFERENCE:</b>	ARP993
<b>DESCRIPTION:</b>	Ritonavir is a peptidomimetic inhibitor of both HIV-1 and HIV-2 proteases. Inhibition of HIV proteases renders the enzyme incapable of processing the gag-pol polypeptide precursor which leads to production of non-infectious immature HIV particles.
<b>PRESENTATION:</b>	25 mg
<b>SOLUBILITY:</b>	DMSO; Chloroform; slightly soluble in toluene; insoluble in water.
<b>CHEMICAL NAME:</b>	10-Hydroxy-2-methyl-5-(1-methylethyl)-1-[2-(1-methylethyl)-4-thiazolyl]-3,6-dioxo-8,11-bis(phenylmethyl)-2,4,7,12-tetraaztridecan-13-oic acid, 5-thiazolylmethyl ester, [5S-(5R*,8R*,10R*,11R*)]
<b>MOLECULAR FORMULA:</b>	C <sub>37</sub> H <sub>48</sub> N <sub>6</sub> O <sub>5</sub> S <sub>2</sub>
<b>MOLECULAR WEIGHT:</b>	720.96
<b>STORAGE:</b>	Room temperature. Once resuspended, working aliquots can be stored at - 20°C.
<b>SOURCE:</b>	Sequoia Research Products.
<b>ACKNOWLEDGEMENTS:</b>	Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website in the "Acknowledgement" section at:-

[www.nibsc.ac.uk/spotlight/centre\\_for\\_aids\\_reagents.aspx](http://www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx)

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.