

**Centre For AIDS Reagents**

**Data Sheet**

<b>NAME:</b>	Amprenavir
<b>REPOSITORY REFERENCE:</b>	ARP988
<b>DESCRIPTION:</b>	Amprenavir is an inhibitor of HIV-1 protease. Amprenavir binds to the active site of HIV-1 protease and thereby prevents the processing of viral <i>gag</i> and <i>gag-pol</i> polyprotein precursors, resulting in the formation of immature non-infectious viral particles.
<b>PRESENTATION:</b>	25 mg
<b>SOLUBILITY:</b>	Soluble in methanol, ethanol, chloroform, DMSO, acetonitrile, and methylene chloride. Insoluble in water and hexane.
<b>CHEMICAL NAME:</b>	(3S)-tetrahydro-3-furyl N-[(1S,2R)-3-(4-amino-N-isobutylbenzene sulfonamide)-1-benzyl-2-hydroxypropyl]carbamate
<b>MOLECULAR FORMULA:</b>	C <sub>25</sub> H <sub>35</sub> N <sub>3</sub> O <sub>6</sub> S
<b>MOLECULAR WEIGHT:</b>	505.63
<b>STORAGE:</b>	Room temperature. Once resuspended, working aliquots can be stored at - 20°C.
<b>SOURCE:</b>	Sequoia Research Products.
<b>ACKNOWLEDGEMENT:</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 at <a href="http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html">http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html</a> in the “Acknowledgements” section. 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)