

**Centre For AIDS Reagents**

**Data Sheet**

|                              |  |
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| <b>NAME:</b>                 | Atazanavir   |
| <b>REPOSITORY REFERENCE:</b> | ARP976   |
| <b>DESCRIPTION:</b>          | Atazanavir is an azapeptide HIV-1 protease inhibitor. The compound selectively inhibits the virus-specific processing of viral <i>gag</i> and <i>gag-pol</i> polyproteins in HIV-1 infected cells, thus preventing formation of mature virions.  |
| <b>PRESENTATION:</b>         | 25 mg  |
| <b>SOLUBILITY:</b>           | Product is soluble in methanol. Solubility: 5 mg/mL  |
| <b>CHEMICAL NAME:</b>        | methyl [1-[[3-hydroxy-4-[(2-methoxycarbonylamino-3,3-dimethyl-butanoyl)amino- [(4-pyridin-2-ylphenyl)methyl]amino]-1- phenyl-butan-2-yl]carbamoyl]-2,2-dimethyl-propyl]aminoformate  |
| <b>MOLECULAR FORMULA:</b>    | $C_{38}H_{52}N_6O_7 \cdot H_2SO_4$   |
| <b>MOLECULAR WEIGHT:</b>     | 704.9  |
| <b>STORAGE:</b>              | Room temperature, cool, dark, dry.   |
| <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) |