

## Centre For AIDS Reagents

### Data Sheet

<b>NAME:</b>	Maraviroc
<b>REPOSITORY REFERENCE:</b>	ARP979
<b>DESCRIPTION:</b>	Maraviroc is an entry inhibitor. Specifically, maraviroc blocks the chemokine receptor CCR5 which HIV uses as a coreceptor to bind and enter a human helper T cell. Because HIV can also use another coreceptor, CXCR4, an HIV tropism test such as a trofile assay must be performed to determine if the drug will be effective.
<b>PRESENTATION:</b>	25 mg
<b>SOLUBILITY:</b>	Soluble in methanol and chloroform
<b>CHEMICAL NAME:</b>	4,4-difluoro-N-((1S)-3-[3-(3-isopropyl-5-methyl-4H-1,2,4-triazol-4-yl)-8-azabicyclo[3.2.1]oct-8-yl]-1-phenylpropyl)cyclohexanecarboxamide
<b>MOLECULAR FORMULA:</b>	C <sub>29</sub> H <sub>41</sub> F <sub>2</sub> N <sub>5</sub> O
<b>MOLECULAR WEIGHT:</b>	513.7 g/mol
<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)