

Centre For AIDS Reagents

Data Sheet

NAME:	Raltegravir
REPOSITORY REFERENCE:	ARP980
DESCRIPTION:	Raltegravir is an HIV-1 integrase inhibitor. Inhibition of the viral integrase prevents insertion of HIV DNA into the human DNA genome thus blocking the ability of HIV-1 to replicate.
WARNING:	REAGENT CAN CAUSE SEVERE EYE AND RESPIRATORY IRRITATION. TOXIC TO AQUATIC ORGANISMS.
PRESENTATION:	20 mg
SOLUBILITY:	Raltegravir is soluble in DMSO. It is slightly soluble in methanol and ethanol. It is insoluble in isopropanol.
CHEMICAL NAME:	N-[(4-Fluorophenyl)methyl]-1,6-dihydro-5-hydroxy-1-methyl-2-[1-methyl-1-[[[(5-methyl-1,3,4-oxadiazol-2-yl)carbonyl]amino]ethyl]-6-oxo-4- pyrimidinecarboxamide monopotassium salt
MOLECULAR FORMULA:	C ₂₀ H ₂₀ FN ₆ O ₅ K.
MOLECULAR WEIGHT:	482.52
STORAGE:	Room temperature, cool, dark, dry.
SOURCE:	Sequoia Research Products.
ACKNOWLEDGEMENTS:	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

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.