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ACTION

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(54) Title: TREATMENT OF DRUG-RESISTANT HUMAN IMMUNODEFICIENCY VIRUS INFECTION

(57) Abstract: The invention provides methods for treating HIV infection in a subject in need thereof comprising lipid analogs of phosphonoformate-containing pharmaceutically active compounds. Lipid analogs contemplated for use in the practice of the present invention comprise phosphonoformates covalently linked (directly or indirectly through a linker molecule) to a substituted or unsubstituted alkylglycerol, alkylpropanediol, alkylethanediol, or related moiety. In particular, the invention provides methods for treating viral infections caused by viruses which have developed resistance to currently available antiviral agents, as well as methods comprising the use of invention compounds in combination with azidodeoxythymidine to minimize the selection of drug-resistant HIV variants during therapy.