New Derivatives of Phosphonate Compounds with Enhanced Anti-viral Activity

Tech ID: 19687 / UC Case 2004-100-0

TECHNOLOGY DESCRIPTION

A series of novel derivatives of phosphonate compounds has been synthesized. These novel compounds have demonstrated enhanced activity against poxviruses and herpes viruses in tissue culture cells when compared with the unmodified parent molecules. When evaluated against existing alkoxyalkyl analogs of phosphonates, the new compounds are easier and faster to synthesize while retaining the increased bioavailability demonstrated by the alkoxyalkyl phosphonate analogs.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	7,652,001	01/26/2010	2004-100

CONTACT

University of California, San Diego
Office of Innovation and Commercialization
innovation@ucsd.edu
tel: 858.534.5815.



INVENTORS

- Hostetler, Karl Y.

OTHER INFORMATION

CATEGORIZED AS

- **Medical**
  - Disease: Infectious Diseases

RELATED CASES

2004-100-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- New Drug Derivatives for Promoting Oral Delivery to the Lung
- New Antiviral Compounds
- Derivatives of Novel Nucleoside Phosphonates with Anti-viral Activity

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