Derivatives of Novel Nucleoside Phosphonates with Anti-viral Activity

Tech ID: 19684 / UC Case 2005-105-0

TECHNOLOGY DESCRIPTION

A series of novel nucleoside phosphonates with unique side chains has been synthesized. Derivatives of the novel phosphonates have been shown to have broad-spectrum antiviral activity when tested in cell culture assays against a variety of viruses, including herpes simplex virus-1, vaccinia virus, human cytomegalovirus, cowpox virus and hepatitis B virus. The new phosphonates may also provide an improved safety profile when compared to existing nucleoside phosphonates and their derivatives with antiviral activity could potentially be developed into drugs for the treatment of a range of viral diseases.

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- New Drug Derivatives for Promoting Oral Delivery to the Lung
- New Derivatives of Phosphonate Compounds with Enhanced Anti-viral Activity
- New Antiviral Compounds

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INVENTORS

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OTHER INFORMATION

CATEGORIZED AS

- **Medical**
  - Disease: Infectious Diseases

RELATED CASES

2005-105-0

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