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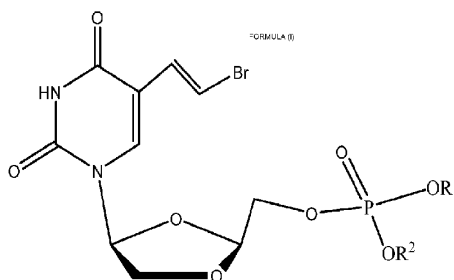
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(54) Title: PRODRUGS OF L-BHDU AND METHODS OF TREATING VIRAL INFECTIONS



(57) Abstract: In an embodiment, the invention is directed to prodrug compounds of L-BHDU according to the chemical structure I: Formula (I) Where R¹ is a -(CH₂)_n-O-R^{1a} group or a -(CH₂)_j-O-C(O)O-R^{2a} group; R² is H, a -(CH₂)_n-O-R^{1a} group or a -(CH₂)_j-O-C(O)O-R^{2a} group; R^{1a} is independently a C₆-C₃₀ alkyl group, often a C₁₂-C₂₂ alkyl group, often a C₁₄-C₂₀ alkyl group or a C₁₆-C₁₈ alkyl group, often a C₁₆ or Cis alkyl group; R^{2a} is independently a C₁-C₁₂ alkyl group, often a C₂-C₆ alkyl group, a C₃-C₄ alkyl group, an isopropyl, t-butyl or sec-butyl group, or an isopropyl or t-butyl group; Each j is independently 1-6, 1-3, often 1 or 2; Each k is 0 or 1; Each n is independently 1-6, 1-4, 2-4 or 2 or 3; or A pharmaceutically acceptable salt, solute or polymorph thereof Additional embodiments are directed to pharmaceutical compositions based upon the disclosed chemical compounds and methods of treating or reducing the likelihood of VZV, HSV-1 or HSV-2 infections. Methods of synthesizing compounds according to the present invention represent further embodiments of the invention.



WO 2023/076611 A1