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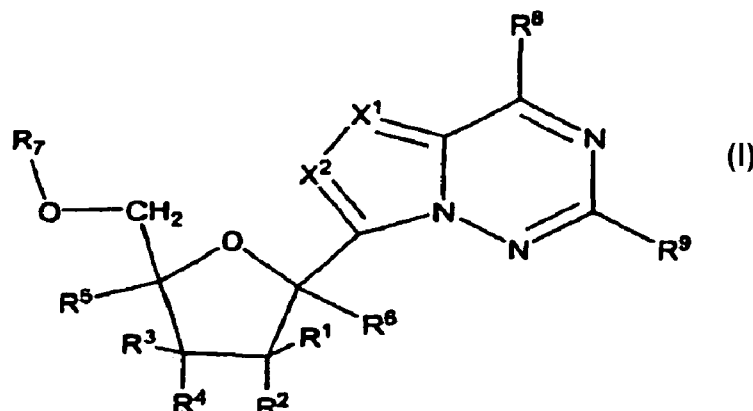
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(54) Title: 1' -SUBSTITUTED CARBA-NUCLEOSIDE ANALOGS FOR ANTIVIRAL TREATMENT



(57) Abstract: Provided are pyrrolo[1,2-f][1,2,4]triazinyl, imidazo[1,5-f][1,2,4]triazinyl, imidazo[1,2-f][1,2,4]triazinyl, and [1,2,4]triazolo[4,3-f][1,2,4]triazinyl nucleosides, nucleoside phosphates and prodrugs thereof, wherein the 1' position of the nucleoside sugar is substituted. The compounds, compositions, and methods provided are useful for the treatment of *Flaviviridae* virus infections, particularly hepatitis C infections. Formula (I), each X¹ or X² is independently C-R¹⁰ or N.