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(54) Title: PREPARATION OF 2'FLUORO-2'-ALKYL- SUBSTITUTED OR OTHER OPTIONALLY SUBSTITUTED RIBOFURANOSYL PYRIMIDINES AND PURINES AND THEIR DERIVATIVES

(57) Abstract: The present invention provides (i) processes for preparing a 2'-deoxy-2'-fluoro-2'-methyl-D-ribonolactone derivatives, (ii) conversion of intermediate lactones to nucleosides with potent anti-HCV activity, and their analogues, and (iii) methods to prepare the anti-HCV nucleosides containing the 2'-deoxy-2'-fluoro-2'-C-methyl-β-D-ribofuranosyl nucleosides from a preformed, preferably naturally-occurring, nucleoside.



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