Synthesis and Antiviral Evaluation of 5-(1,2,3-Triazol-1-ylmethyl)-uridine Derivatives

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Some 5-(1,2,3-triazol-1-ylmethyl)uridine derivatives were synthesized via the 1,3-dipolar cycloaddition of a 5-azidomethyluridine derivative with substituted acetylenes. The antiviral activities of these compounds against hepatitis A virus (HAV, MBB cell culture-adapted strain) and Herpes simplex virus type-1 (HSV-1) were tested.

Key words: 1,2,3-Triazoles, Uridine Derivatives, Anti-Hepatitis A Virus