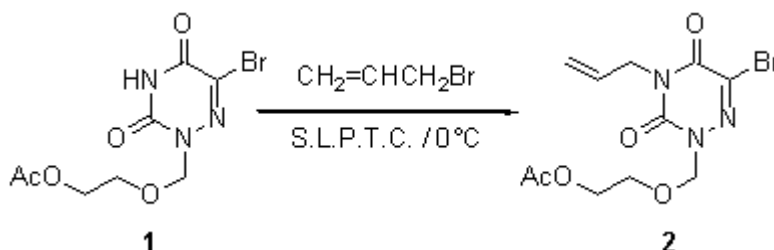


1-[(2-Acetoxyethoxy)methyl]-3-allyl-5-bromo-6-azauracil

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The product **2** was prepared via a direct condensation under solid-liquid phase transfer catalysis (S.L.P.T.C.) [1] conditions. To a solution of 0.02 mmole of tetraglyme in 4 ml of anhydrous THF, 0.11 mmole of potassium tert-butoxide is added. Then 0.1 mmole of the acyclonucleoside **1** [2] is added, the reaction mixture is stirred at room temperature for 15 min. The reaction mixture is cooled to 0°C and 0.11 mmole of alkylating agent in 2 ml of dry THF is added dropwise with stirring. When the addition is finished, the reaction mixture is stirred at 0°C for 30 min. The reaction mixture is then filtered and the filtrate is evaporated in vacuo to dryness. The residue is then chromatographed on a silica gel column and the expected acyclonucleoside **2** was isolated. Yield: 60 % (viscous and colourless).

Rf: 0.61 (CHCl₃ / MeOH, 9/1, V/V).

¹H NMR (DMSO-d₆): 2.00 (s, 3H, COOCH₃); 3.70 (m, 2H, OCH₂CH₂O); 4.10 (m, 2H, OCH₂CH₂O); 4.50 (d, 2H, NCH₂); 5.20 (d, 1H, H_{cis}); 5.25 (s, 2H, OCH₂N); 5.30 (d, 1H, H_{trans}); 5.89 (m, 1H, CH=C).

UV (l max (nm), H₂O): 287.MS (m/z): 347 [M (⁷⁹Br)]⁺, 349 [M (⁸¹Br)]⁺Anal. calc. for C₁₁H₁₄BrN₃O₅: C 37.94, H 4.05, N 12.06; Found: C 37.97, H 4.18, N 11.89.

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Sample Availability: Available from the authors.

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