

Synthesis of uracil derivatives containing in their structure the remains of succinic and maleic acids

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Keywords: 5-aminouracil, 6-aminouracil, succinic anhydride, maleic anhydride.

Abstract

The 4-[(2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)amino]-4-oxobutanoic acid and 4-[(2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl)amino]-4-oxabut-2-enoic acid were obtained by a simple method with high yields using the substrate 5-aminouracil and succinic or maleic anhydrides, respectively. It is shown that 6-aminouracil in similar conditions in the reaction does not enter.