

FACILE SYNTHESSES OF DI-HYDROXY AND AMINO HYDROXY PURINES

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ABSTRACT

The syntheses of 2-amino-6-hydroxy-8-(chloroalkyl) purines and 2,6-dihydroxy-8-(chloroalkyl) purines are reported. These novel compounds have been characterized using IR, UV» max , m.pt., and elemental analysis. The structural relationships between these compounds and previously used dihydroxy and aminohydroxy purines have also been discussed.

Keywords: synthesis, di-hydroxy purine, amino hydroxy purine, characterization.