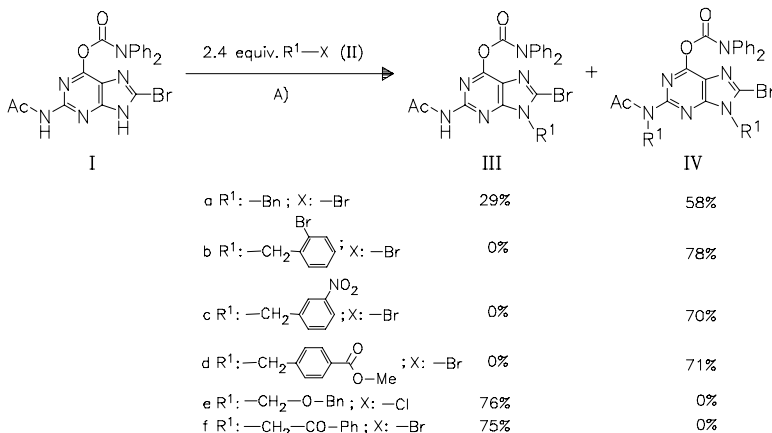


Purine derivatives

R 0540

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The Determinative Influence of the O⁶-(Diphenylcarbamoyl) Group on the Exocyclic Nitrogen Benzylation in 2-Amino-6-oxopurine Derivatives. — The synthesis of novel 2-benzylamino-6-oxopurines is achieved using a temporary O⁶-(diphenylcarbamoyl) protecting group, which possesses a decisive role for benzylation of the exocyclic amino group. — (MADRE*, M.; PETROVA, M.; BELYAKOV, S.; Synthesis 2008, 19, 3053-3060; Latv. Inst. Org. Synth., Riga 1006, Latvia; Eng.) — Mais

A): K₂CO₃, DMF, 25 → 75°C, [6–8 h]