Synthesis and characterisation of N-functionalized tetraaminoalkenes and their derivatives

Abstract:The tetraaminoalkenes which contain -OCH3 (or -OC2H5) on substituents attached to the nitrogen atom were prepared from reaction of 1,3-dialkybenzimidazolidinyum salts with NaH. The reaction of tetraaminoalkenes with S8 and Se were given corresponding 2-substituted benzimidazole derivatives. All compounds were identified by using 1H, 13C−NMR, FT-IR tecniques and micro analysis.