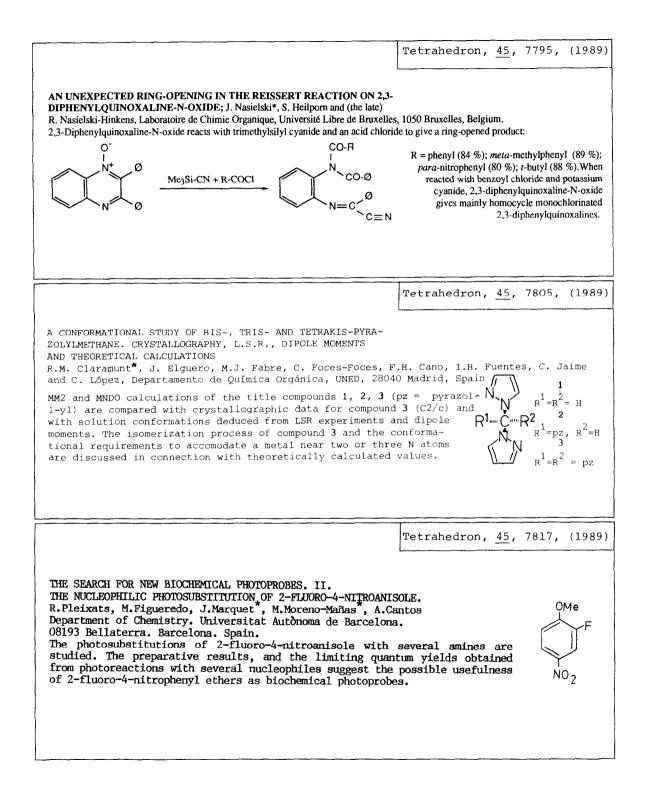
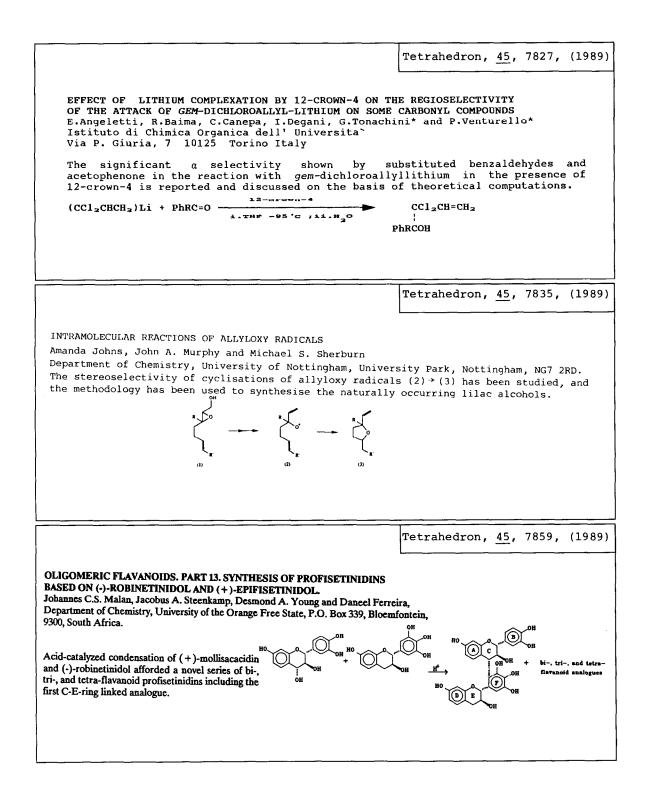
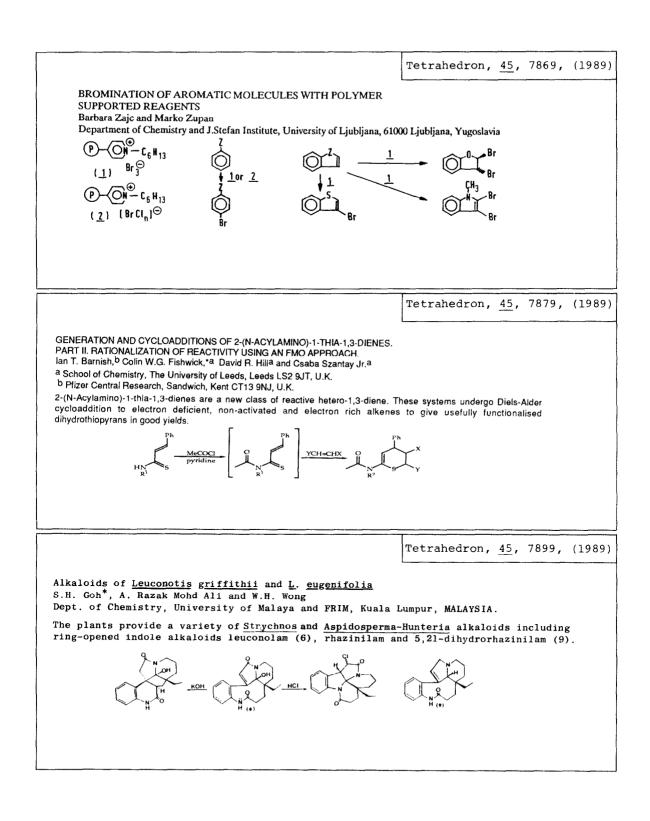


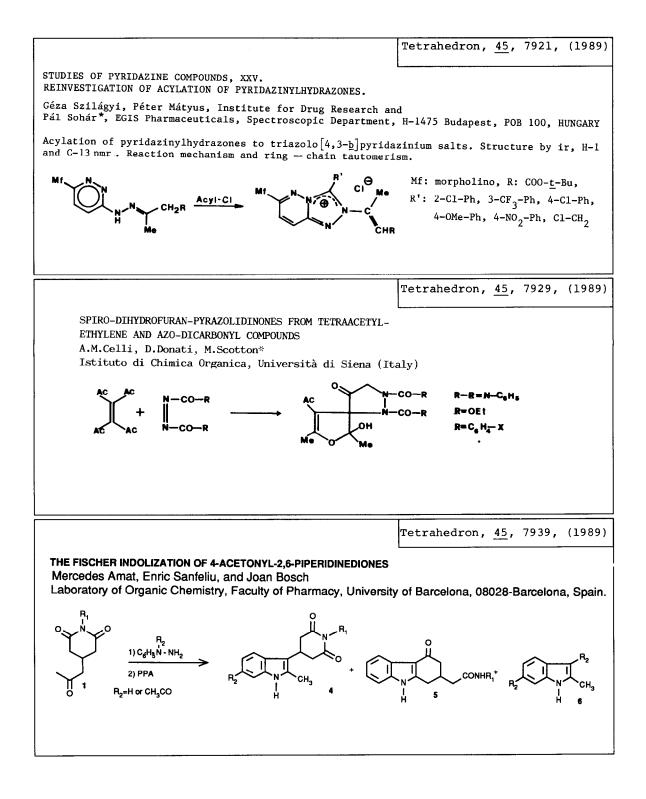
Tetrahedron, 45, 7717, (1989) PYRROLE STUDIES PART 41. REACTIVITY OF 3,4-DIFORMYL-2,5-DIMETHYLPYRROLE WITH DIAMINOALKANES. AN UNUSUAL FORMATION OF 2-AZAFULVENES. Sayed Ali Naghi Taheri, R. Alan Jones, Santokh Singh Badesha and Majed M. Hania. School of Chemical Sciences, University (CH of East Anglia. NR4 7TJ UK. сно сно H₂N(CH₂)_nNH The diformylpyrrole reacts with α, ω -diamino alkanes to yield 2:2 macrocylic adducts or 140 1:1 bicycloadducts, depending upon the alkane chain length. Both adducts exist as 2-azafulvenes instead of 1H-pyrroles. n > 3 Tetrahedron, 45, 7729, (1989) THE PICTET-SPENGLER REACTION OF Nb-HYDROXYTRYPTAMINES AND CYSTEINALS. I. ISOLATION OF TETRACYCLIC INTERMEDIATES AND FORMATION OF OPTICALLY ACTIVE N_b -HYDROXY-TETRAHYDRO- β -CARBOLINES. Jinjun Liu, Masako Nakagawa*, and Tohru Hino* Faculty of Pharmaceutical Sciences, Chiba University, Yayoi-cho, Chiba-shi, 260, Japan N-OH TFA uН он sH R, R, H SR₃ SR₃ 3 -SR₃ R₁ HR₂ R₂HN R₂HN Tetrahedron, <u>45</u>, 7743, (1989) AN ANALYSIS OF THE THROUGH-BOND INTERACTION USING THE LOCALIZED MOLECULAR ORBITALS WITH AB INITIO CALCULATIONS -- V HOMO ENERGY LEVELS OF MANY PROPELLANE COMPOUNDS Takashi Ushio, Tsuyoshi Kato, Kehong Ye, and Akira Imamura^{*} Department of Chemistry, Faculty of Science, Hiroshima University, Higashisenda-machi, Nakaku, Hiroshima 730, Japan -0.3390 A1' HOHO -0 1766 0 543 0.7524 -0.731 -0.677 h scale:A.J. -1.2531 1 2869 ь Interaction diagram for (1.1.1)-propellane When trough bond interactions are added, HOMO interacts only one outside skelet ω_{D} orbital which has the A_1 ' symmetry in the symmetry group of D_3h .

	Tetrahedron, <u>45</u> , 7	7759, (198
FULLY AUTOMATIC SIMULTANEOUS MULTIPLE PEPTIDE SYNTHESIS IN MICROMOLAR SCALE - RAPID SYNTHESIS OF SERIES OF PEPTIDES FOR SCREENING IN BIOLOGI- CAL ASSAYS GERD SCHNORRENBERG* and HELMUT GERHARDT# * Department of Medicinal Chemistry, Boehringer Ingelhelm KG, D-6507 Ingelhelm, FRG # Zinsser Analytic GmbH, Eschborner Landstrasse 136, D-6000 Frankfurt 94,FRG Up to 48 different peptides can be synthesized simultaneously in microtiterplates applying Fmoc strategy on polystyrene resins. All reagent and liquid handling is automatically performed by a ro- botic sample processor.		
	Tetrahedron, <u>45</u> , 7	765, (198
HETEROCYCLISATIONS DES HYDROXY-6 METHOXY-2 HEXENE-2 ET HEPTENE-2 OATES DE METHYLE. Véronique FAIVRE, Christine LILA, Alfred SAROLI et Alain DOUTHEAU. Laboratoire de Chimie Organique.Institut National des Sciences Appliquées de Lyon - FRANCE. Tetrahydropyran derivatives are formed in good yields by cyclisation of the title compounds mediated by various electrophilic reagents.Cyclisations of Z and E isomers of the starting alcohols are stereospecific. $R = H, CH_3$ $X = OH, SePh, Br, I.$		
	Tetrahedron, <u>45</u> , 7	783, (1989
4-HYDROXYBUTYRIC ACID (AND ANALOGUES) DERIVATIVES OF D-GLU F. Dardoize ^{*a} , C. Goasdoué ^a , N. Goasdoué ^a , H.M. Laborit ^b Curie, 4 Place Jussieu, 75230 Paris Cedex OS, France; ^b Paris cedex 15, France.) Aco Aco Aco Aco Aco Ho NH ₂ R ₁ =(CH ₂) ₃ OMEM, (CH ₂) ₃ OAc, CH=CHCH ₂ OAc, C R ₂ =(CH ₂) ₃ OH, CH=CHCH ₂ OH, CH ₂ CH ₂ COOH.	b, G. Topall ^b (^a Unive CEPBEPE, Hopital Bouc $\alpha + \beta$) NHCOR ₂	rsité P. M icaut, 7573









Tetrahedron, 45, 7947, (1989) THE INTERMOLECULAR BENZYNE CYCLOADDITION APPROACH TO 7-SUBSTITUTED APORPHINOIDS. MECHANISTIC CONSIDERATIONS. N. Atanes, L. Castedo, A. Cobas, E. Guitián, C. Saá and J.M. Saá. Dpt. Química Orgánica. Universidad de Santiago. 15706 Santiago de Compostela. Spain MeO. MeO. NCOOEt Compound **3** reacts with VCOOEt MeO MeO benzyne to yield adduct 2. T <u>3</u> Mechanistic proposals for this reaction are discussed 4