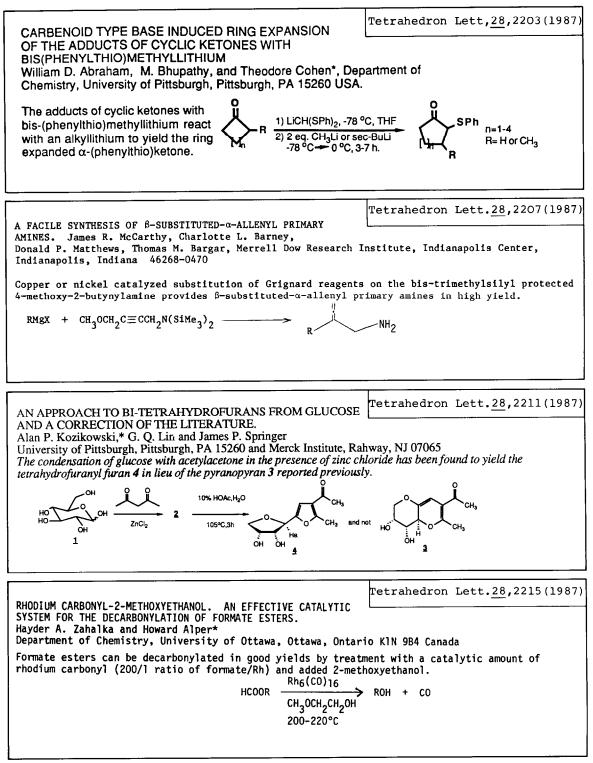
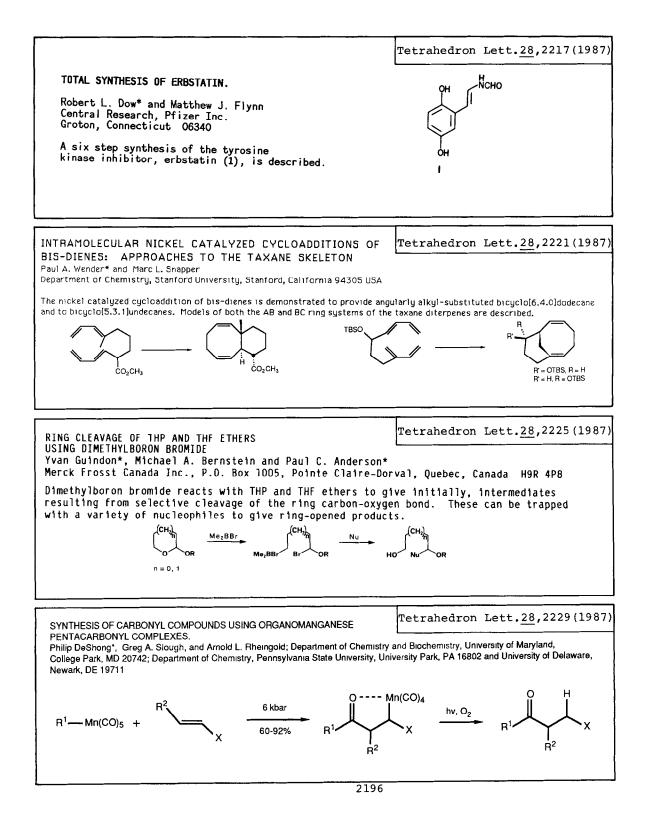
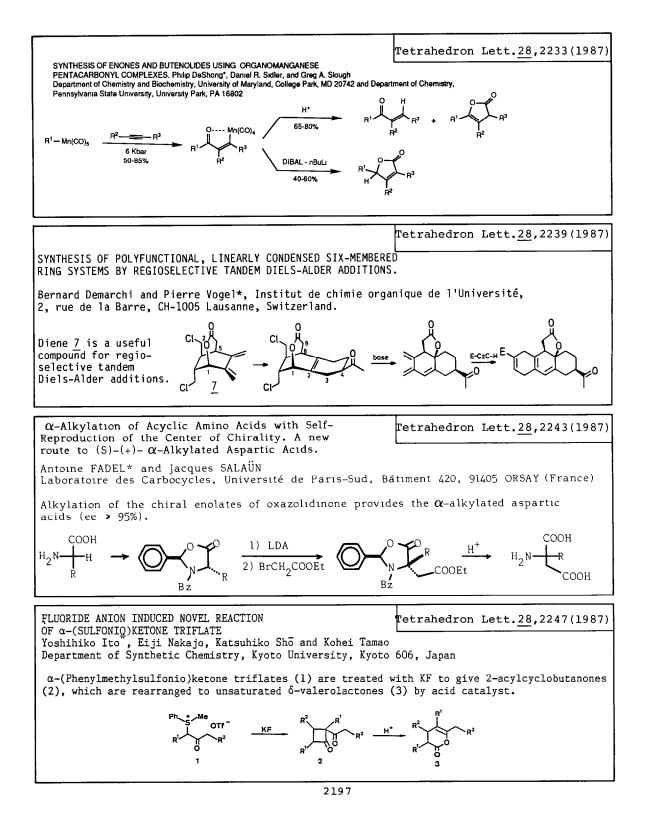
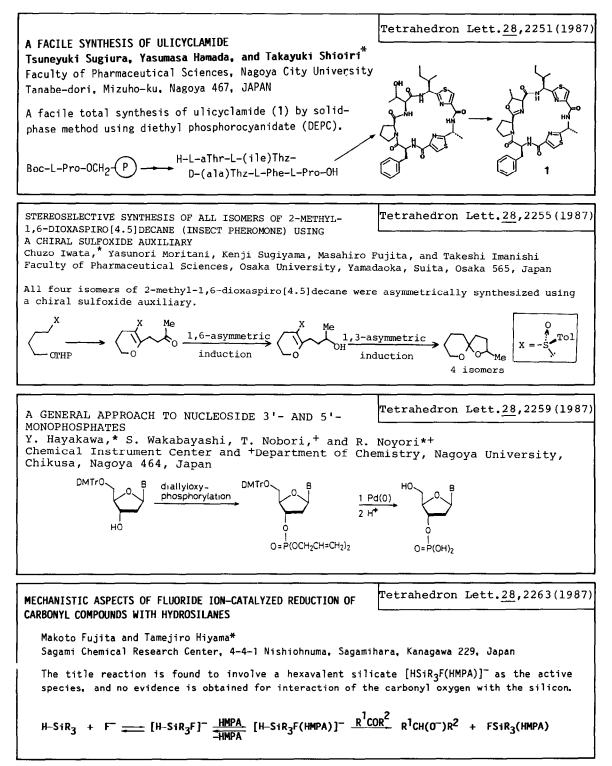
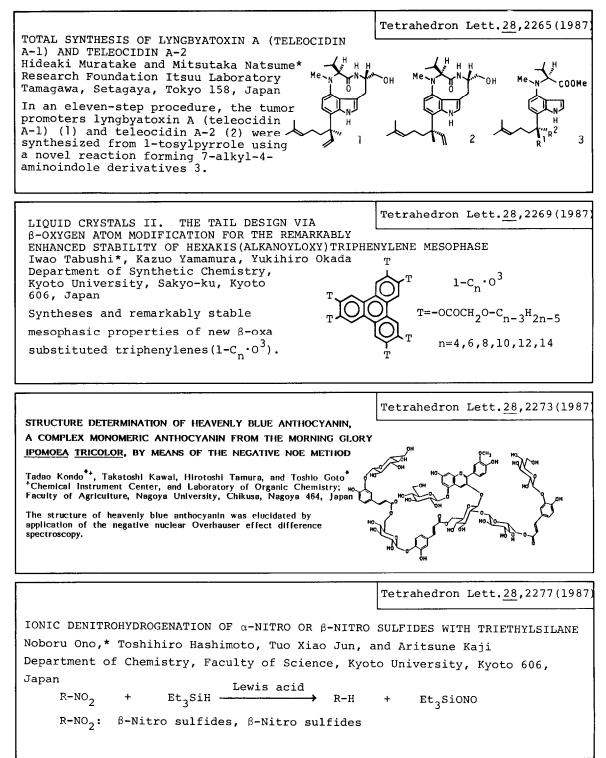
## **GRAPHICAL ABSTRACTS**

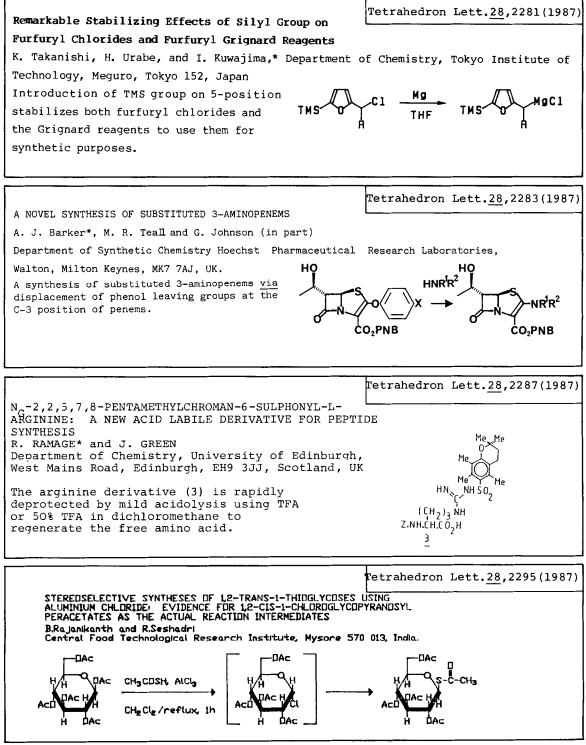


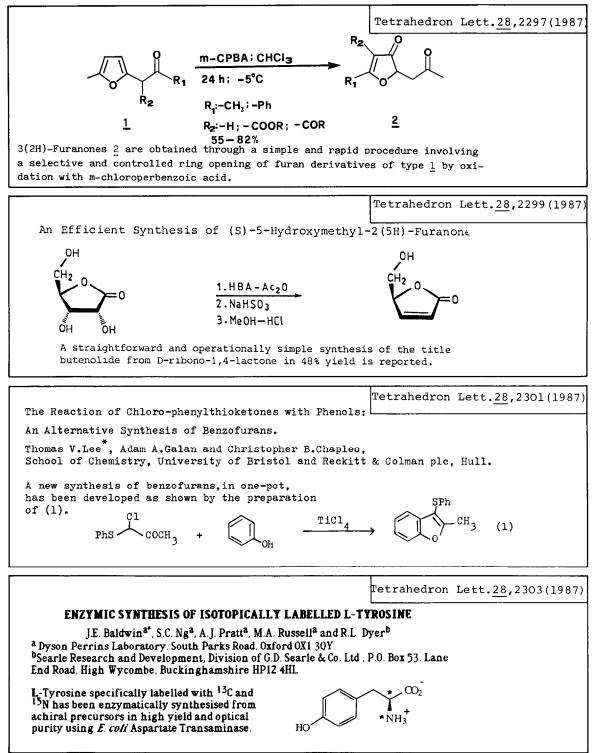












SYNTHESIS OF DL- <u>MYO</u> -INOSITOL 1,4,5-TRISPHOSPHATE Allan M. Cooke*, Barry V.L. Potter* and Roy Gigg <sup>†</sup> *Department of Chemistry, Leicester University, Leicester T *Laboratory of Lipid and General Chemistry, National Inst Mill Hill, London, NW7 1AA, UK. DL- <u>Myo</u> -Inositol 1,4,5-trisphosphate has been synthesised from (±)-tetra-O- benzyl-1,2,4 <u>myo</u> -inositol using a phosphite chemistry approach. PhCH <sub>2</sub> O HO OCH <sub>2</sub> Ph	itute for Medical Research,
SYNTHESIS OF <u>D</u> -myo-INOSITOL 1,4,5-TRISPHOSPHATE Colin B. Reese* and John G. Ward Department of Chemistry, King's College London, Strand, London WC2R 2LS, England. The conversion of <u>myo</u> -inositol into the ammonium salts both of racemic and enantiomerically pure <u>D</u> - <u>myo</u> -inositol 1,4,5-trisphosphate ( <u>6</u> ) is described. HO $HO$ $HO$ $HO$ $HO$ $HO$ $HO$ $HO$ $H$	