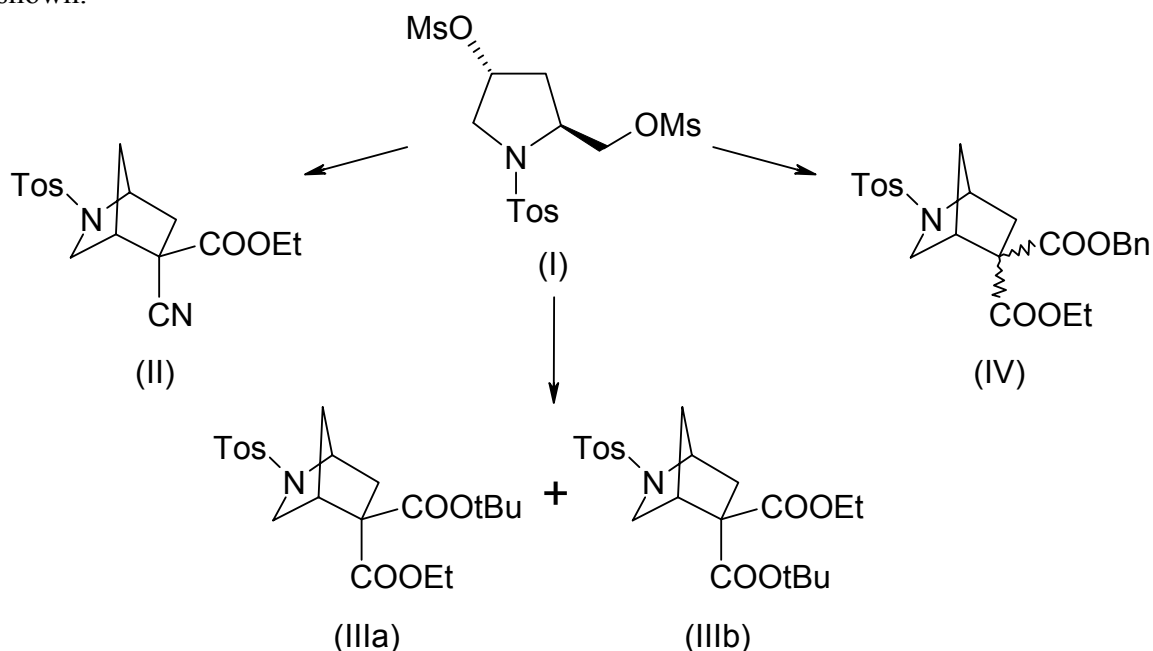


SYNTHESIS OF ENANTIOMERICALLY PURE 5,5-DISUBSTITUTED 2-AZABICYCLO[2.2.1]HEPTANE DERIVATIVES

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The synthesis of 2-azabicyclo[2.2.1]heptane derivatives (II – IV) from N-tosyl-hydroxyprolinol dimesylate (I) by cyclisation with malonic acid derivatives is described. Optimized reaction conditions and crystal structures of the resulting products (II, IIIa) are shown.



Starting from (II) the synthesis of bicyclic α - and β -amino acids (V, VI) of potential biological interest is illustrated.

