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SYNTHESIS OF CIS AND TRANS  $\beta$ -FLUOROACRYLIC ACID ESTERS

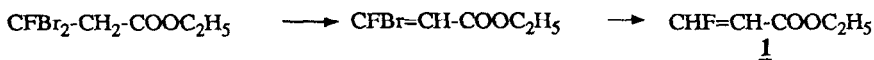
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Cis and trans  $\beta$ -fluoroacrylic acid esters 1 are versatile fluorinating building blocks.

Their synthesis in 5 steps (57% overall yield), starting from tribromofluoromethane and ethyl vinyl ether, is described.

This convenient method affords a mixture of cis (new compound) and trans [1] isomers in a 70:30 ratio. Their separation was performed by efficient distillation.



1. H. Molines and C. Wakselman, *J. Fluorine Chem.*, **25**, 447 (1984).