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ALKYL 2H-PERFLUOROESTER: AN INTERESTING INTERMEDIATE

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Very little research has been done on the title compounds, for their synthesis as well as their chemical properties.

Our purpose is to emphasize the interest of these 2H-perfluoroesters for the synthesis of a wide range of polyfluorinated compounds:

- enaminoesters [1]
- iminoesters [2]
- β -ketoesters [3]
- heterocyclic compounds : imidazolidines
oxazolidines
pyrazolidinones.

Most of these syntheses are carried out by simple and efficient one pot procedures.

Some specific features of the tautomerism enamino-iminoester and keto-enolester will be described.

The preparation of the starting 2H-perfluoroesters may be realized by literature procedures or by photoreductive defluorination of the corresponding perfluoroesters [4].

- 1 C. Portella, M. Iznaden, Tetrahedron Lett., **28**, 1655 (1987).
- 2 M. Iznaden, C. Portella, Tetrahedron Lett., **29**, 3683 (1988).
- 3 M. Iznaden, C. Portella, J. Fluorine Chem., **43**, 105 (1989).
- 4 C. Portella, J.P. Pete, Tetrahedron Lett., **26**, 211 (1985); C. Portella, M. Iznaden, Tetrahedron, submitted.