

PL2**Organic fluorinated intermediates: Production and Industrial Uses**

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Industrial technologies used for the production of fluoroaromatics, benzo-trifluorides and fluoropyridines are analysed. The use of such fluorinated intermediates in the synthesis of agrochemicals, pharmaceuticals and dyes is reviewed. An outlook of future trends and perspectives in new technologies and applications is briefly presented.

PL3**Fluorinated alkenes - a rich chemistry**

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As we all know, organofluorine compounds do not occur in nature and, therefore, this whole 'man-made' field of organic chemistry is critically dependent on building synthetically more sophisticated systems from readily available small molecules. Fluorinated alkenes are crucially important 'building-blocks' in organofluorine chemistry and they are also fascinating models for illustrating the effect of fluorine as a substituent on reactive intermediates. An overview of reactions of fluorinated alkenes that involve generation of intermediate carbanions, radicals, and carbocations will be presented.