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## Fluorochemistry

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Iron-Catalyzed 1,2-Addition of  
Perfluoroalkyl Iodides to Alkynes and  
Alkenes

General, broadscope, and tolerant iron-catalysis has been developed for the intermolecular 1,2-addition of perfluoroalkyl iodides to alkynes and alkenes. The resulting perfluoroalkylated alkyl and alkenyl iodides can be further functionalized via cross coupling reactions.