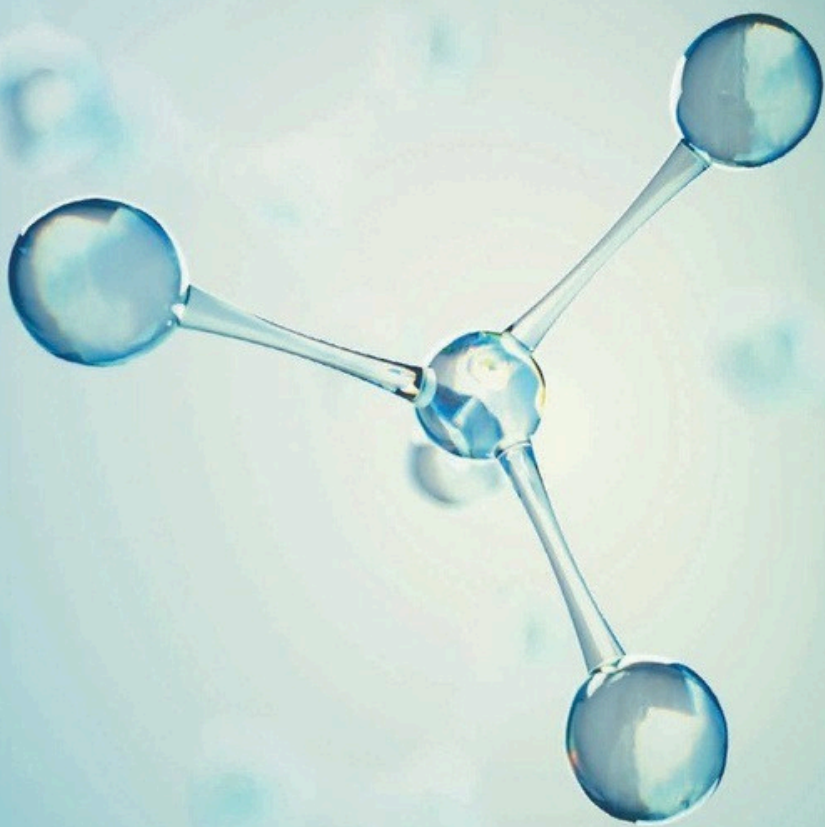


FLUORINATING AGENTS



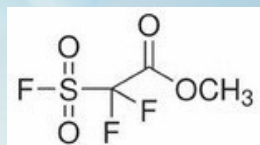
 **S P E**

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NUCLEOPHILIC TRIFLUOROMETHYLATION

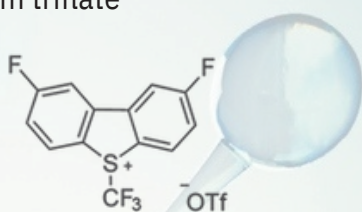
- Chen's reagent

Methyl 2,2-difluoro-2-(fluorosulfonyl)acetate
(CAS 680-15-9)



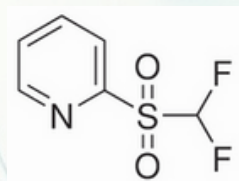
ELECTROPHILIC TRIFLUOROMETHYLATION

- Umemoto's reagent II
- 2,8-Difluoro-5-(trifluoromethyl)-5H-dibenzo[b,d]thiophen-5-ium triflate
(CAS 1961266-44-3)



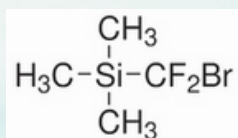
NUCLEOPHILIC DIFLUOROMETHYLATION

- Hu's reagent
- 2-((Difluoromethyl)sulfonyl)pyridine
(CAS 1219454-89-3)



ELECTROPHILIC DIFLUOROMETHYLATION

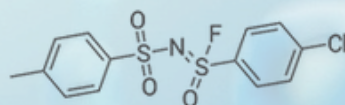
- (Bromodifluoromethyl)trimethylsilane
- (CAS 115262-01-6)



DEOXYFLUORINATION

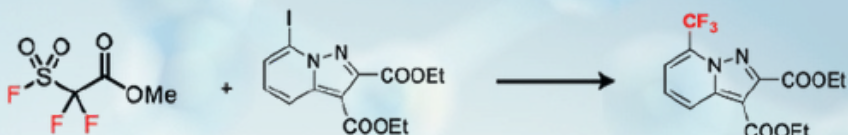
- SulfoxFluor[®]

4-Chloro-N-tosylbenzenesulfonimidoyl fluoride
(CAS 2143892-50-4)



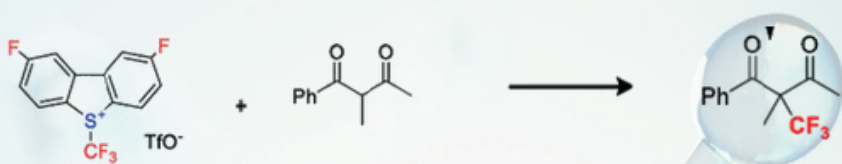
NUCLEOPHILIC TRIFLUOROMETHYLATION

- Chen's reagent
(CAS 680-15-9)



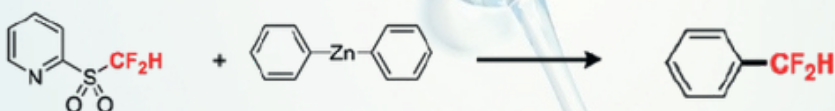
ELECTROPHILIC TRIFLUOROMETHYLATION

- Umemoto's reagent II
(CAS 1961266-44-3)



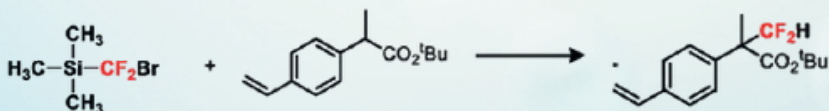
NUCLEOPHILIC DIFLUOROMETHYLATION

- Hu's reagent
(CAS 1219454-89-3)



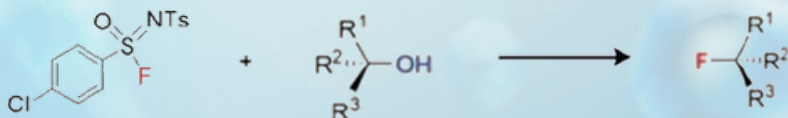
ELECTROPHILIC DIFLUOROMETHYLATION

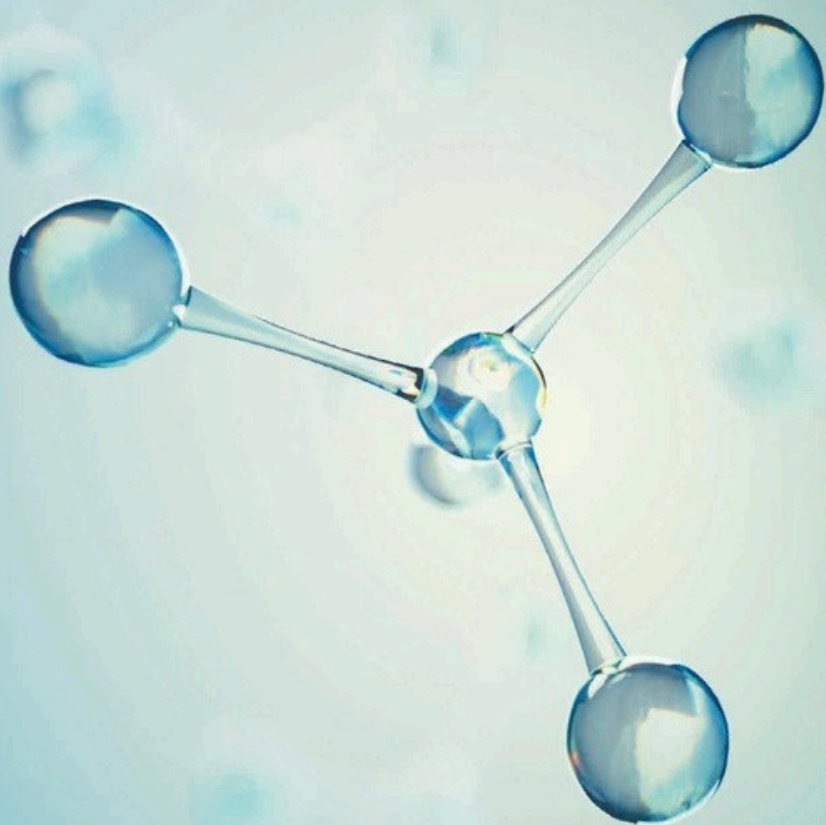
- (Bromodifluoromethyl)trimethylsilane
(CAS 115262-01-6)



DEOXYFLUORINATION

- SulfoxFluor®
(CAS 2143892-50-4)





 **SPE**

Summit Pharmaceuticals Europe