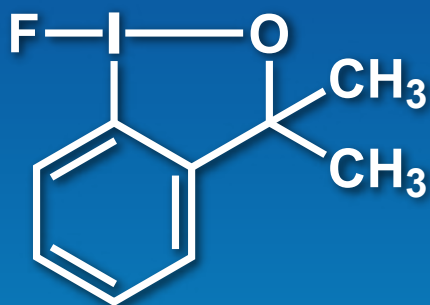


Unique Fluorinating Reagent with Various Reactivities



[F0957]

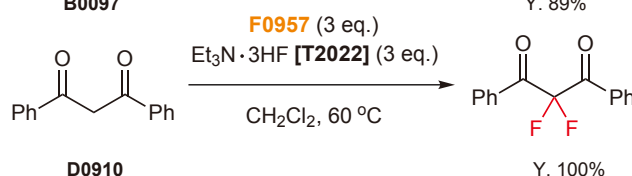
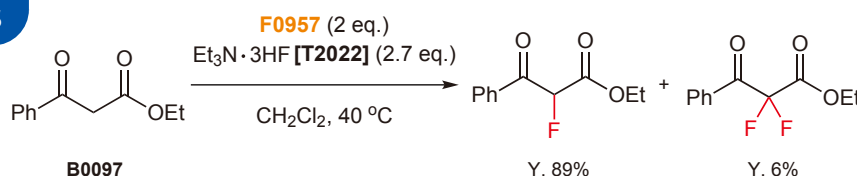
Advantages

- Moisture- and Air-stable
- Effective for 1,1-Difluorination of Styrene Derivatives
- Applicable to Fluorinative Intramolecular-cyclizations

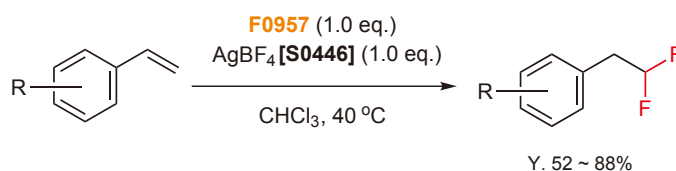
F0957 is a moisture- and air-stable hypervalent iodine compound useful for fluorinating reactions.

α -Fluorinations of 1,3-dicarbonyl compounds, 1,1-difluorinations of styrene derivatives and fluorinative intramolecular-cyclizations have been reported.

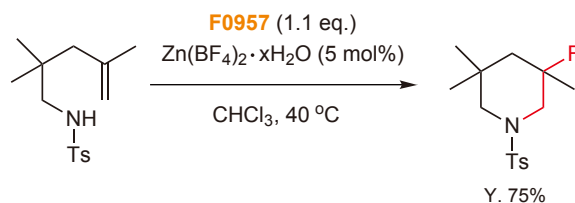
Applications



G. C. Geary, E. G. Hope, K. Singh, A. M. Stuart, *Chem. Comm.* **2013**, 492, 95.



N. A. Ilchenko, B. O. A. Tasch, K. J. Szabó, *Angew. Chem. Int. Ed.* **2014**, 53, 12897.



W. Yuan, K. J. Szabó, *Angew. Chem. Int. Ed.* **2015**, 54, 8533.

1-Fluoro-3,3-dimethyl-1,2-benziodoxole

1g [F0957]

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fluorination



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