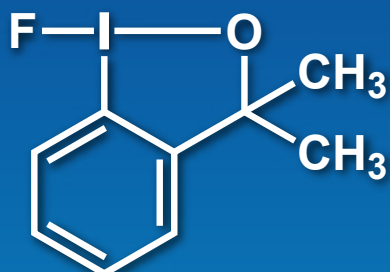


# Unique Fluorinating Reagent with Various Reactivities



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

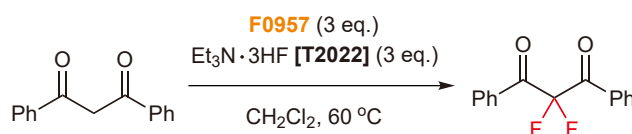
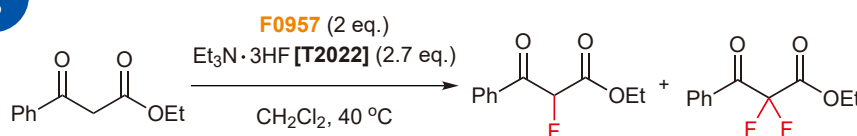
1g  
[F0957]

## Advantages

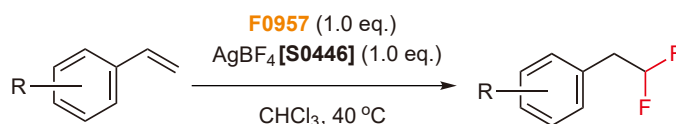
- Moisture- and Air-stable
- Effective for 1,1-Difluorination of Styrene Derivatives
- Applicable to Fluorinative Intramolecular-cyclizations

**F0957** is a moisture- and air-stable hypervalent iodine compound useful for fluorinating reactions.  $\alpha$ -Fluorinations of 1,3-dicarbonyl compounds, 1,1-difluorinations of styrene derivatives and fluorinative intramolecular-cyclizations have been reported.

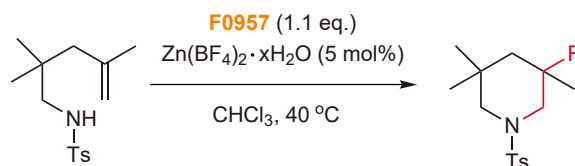
## Applications



**Reference** G. C. Geary, E. G. Hope, K. Singh, A. M. Stuart, *Chem. Comm.* **2013**, 49, 9263.  
<https://doi.org/10.1039/C3CC44792H>



**Reference** N. A. Ilchenko, B. O. A. Tasch, K. J. Szabó, *Angew. Chem. Int. Ed.* **2014**, 53, 12897.  
<https://doi.org/10.1002/anie.201408812>



**Reference** W. Yuan, K. J. Szabó, *Angew. Chem. Int. Ed.* **2015**, 54, 8533.  
<https://doi.org/10.1002/anie.201503373>

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