**A Unique Fluorinating Reagent with Various Reactivities**

F0957 is a water- 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**

- **Effective for 1,1-Difluorination of Styrene Derivatives**
  - F0957 (2 eq.)
    - Et₃N·3HF [T2022] (2.7 eq.)
    - CH₂Cl₂, 40 °C
    - Y. 89%

- **Applicable to Fluorinative Intramolecular-cyclizations**
  - F0957 (2 eq.)
    - CH₂Cl₂, 60 °C
    - Y. 100%

- **Water- and Air-stable**
  - F0957 (3 eq.)
    - CH₂Cl₂, 40 °C
    - AgBF₄ [S0446] (1.0 eq.)
    - Y. 100%

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

**F0957 1-Fluoro-3,3-dimethyl-1,2-benziodoxole**

For further information please refer to our website at www.TCIchemicals.com.

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