CHEMISTRY

3,3,3-Trifluoropropenylation Reagent (Ikeda-Omote Reagent)

(*E*)-Trimethyl(3,3,3-trifluoro-1-propenyl)silane

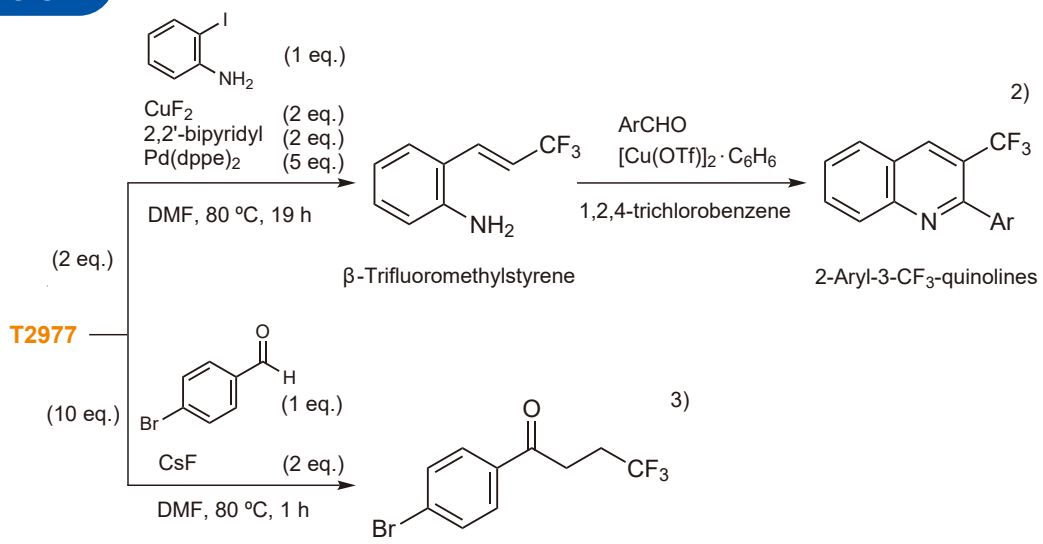
1g / 5g

[T2977]

Advantages

- **Participates in a Hiyama cross-coupling reaction with aryliodides to construct β-triuoromethylstyrenes**
- **Reacts with arylaldehydes in the presence of fluoride anions to afford aryl 3,3,3-trifluoropropyl ketones**

Application



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4) A. Ikeda, M. Omote, A. Ando, *et al.*, *Org. Bioml. Chem.* **2015**, *13*, 8886. https://doi.org/10.1039/C5OB01290B

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