

New



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

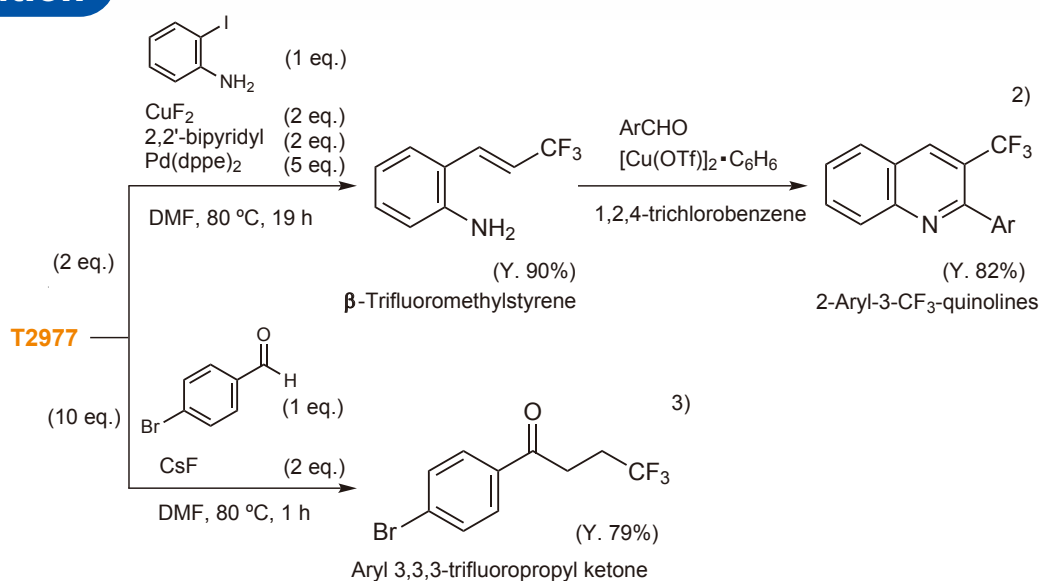


[T2977]

Advantages

- T2977 effectively participates in a Hiyama cross-coupling reaction with aryl iodide to construct β -trifluoromethylstyrene.
- The styrene provides 2-aryl-3-trifluoromethyl-quinolines, which may make an important contribution to drug discovery.

Application



- 1) M. Omote, M. Tanaka, A. Ikeda, S. Nomura, A. Tarui, K. Sato, A. Ando, *Org. Lett.* **2012**, 14, 2286.
- 2) M. Omote, M. Tanaka, M. Tanaka, A. Ikeda, A. Tarui, K. Sato, A. Ando, *J. Org. Chem.* **2013**, 78, 6196.
- 3) A. Ikeda, M. Omote, S. Nomura, M. Tanaka, A. Tarui, K. Sato, A. Ando, *Beilstein J. Org. Chem.* **2013**, 9, 2417.
- 4) A. Ikeda, M. Omote, K. Kusumoto, A. Tarui, K. Sato, A. Ando, *Org. Biomol. Chem.* **2015**, 13, 8886.

T2977 (E)-Trimethyl(3,3,3-trifluoro-1-propenyl)silane

1g / 5g

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