

Copper (I) Complex Promoting Various Coupling Reactions

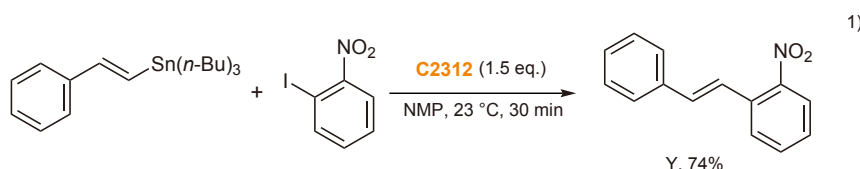


Advantages

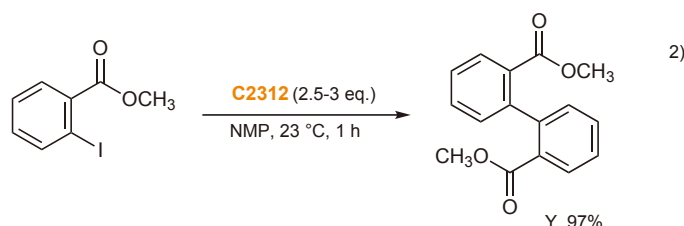
- Applicable to Base-Sensitive Compounds
- Highly Reactive Compared with Other Typical Copper Reagents at Room Temperature
- Rare Organic Copper Salt
- Useful as a Surrogate of Highly Toxic Copper Reagents

Applications

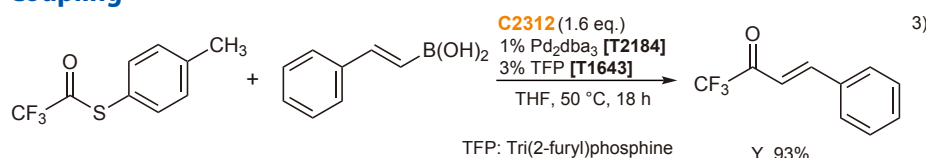
Stille Cross-Coupling



Ullmann Coupling



Liebeskind-Srogl Cross-Coupling



- 1) G. D. Allred, L. S. Liebeskind, *J. Am. Chem. Soc.* **1996**, *118*, 2748.
2) S. Zhang, D. Zhang, L. S. Liebeskind, *J. Org. Chem.* **1997**, *62*, 2312.
3) L. S. Liebeskind, J. Srogl, *J. Am. Chem. Soc.* **2000**, *122*, 11260.

Copper(I) 2-Thiophenecarboxylate (= CuTC)

1g / 5g [C2312]

Related Products

Copper(I) Cyanide

25g / 300g [C1952]

Copper(I) Acetate

5g / 25g [A1540]

Tetrakis(acetonitrile)copper(I) Tetrafluoroborate

1g / 25g / 25g [T2666]

Tetrakis(acetonitrile)copper(I) Hexafluorophosphate

5g [T2665]

Tris(dibenzylideneacetone)dipalladium(0)

1g / 5g [T2184]

Tri(2-furyl)phosphine

1g / 5g [T1643]

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

Copper



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