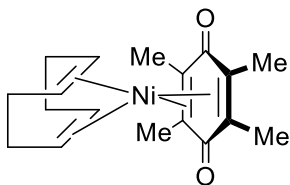
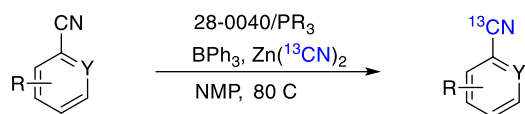


Catalog # 28-0040 (1,5-Cyclooctadiene)(duroquinone) nickel(0), min. 98%



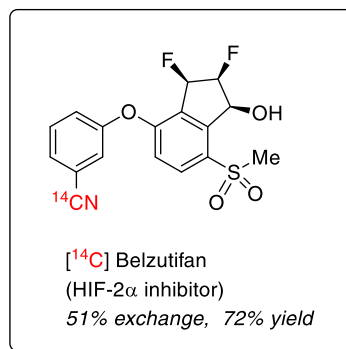
Technical notes:

1. Catalyst for C-CN bond activation in late-stage carbon isotope exchange of aryl nitriles.¹
2. Air stable Nickel(0)-olefin precatalyst for a variety of synthetic methods including Suzuki-Miyaura cross coupling reactions and amination of aryl chlorides.²

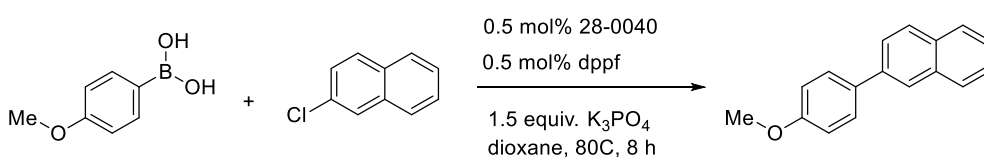


(Y = CH or N)

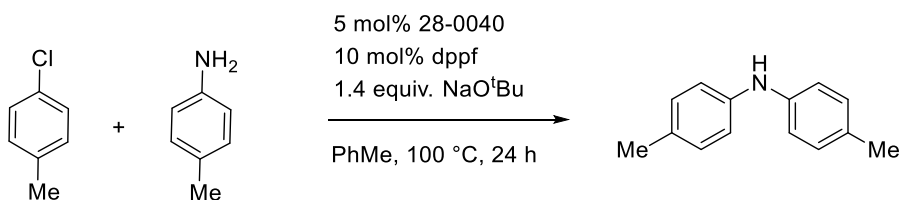
Late-stage incorporation of ¹³CN and ¹⁴CN labels
 First carbon isotope exchange method for nitriles
 Over 30 examples, with 10 complex pharmaceuticals
 Aryl, heteroaryl, and alkenyl nitriles



Tech Note (1)
Ref. (1)



Tech Note (2)
Ref. (2)



Tech Note (2)
Ref. (2)

References:

1. [J. Am. Chem. Soc. 2021, 143, 4817.](#)
2. [Angew. Chem. Int. Ed. 2020, 59, 7409.](#)