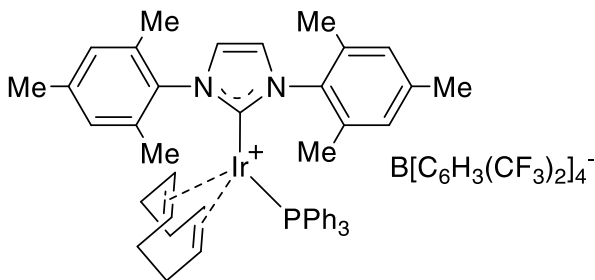
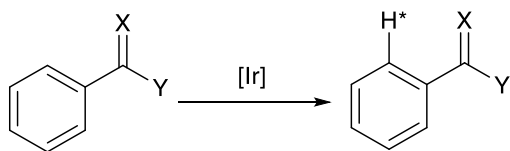


Catalog # 77-1840 Triphenylphosphine(1,5-cyclooctadiene)[1,3-bis(2,4,6-trimethylphenyl)imidazol-2-ylidene] iridium(I) tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, min. 98%



Technical Notes:

1. Catalyst used for hydrogen isotope exchange processes (Ref. 1, 5).
2. Catalysis of selective ortho-directed C-H activation with unprotected 2-aryltetrazoles are described (Ref. 2).
3. Catalyst for the chemoselective hydrogenation of olefins (Ref. 3).
4. Catalyst for the ortho-directed deuterium labelling of aromatic esters (Ref. 4).



Tech Note (1)
Ref. (1,5)

Iridium-catalysed ortho-hydrogen isotope exchange

References:

1. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2016**, 59(14), 601-603.
2. *Chemical Communications*, **2016**, 52(40), 6669-6672.
3. *Chemistry - A European Journal*, **2016**, 22(14), 4738-4742.
4. *Molecules*, **2015**, 20(7), 11676-11698.
5. *Organic & Biomolecular Chemistry*, **2014**, 12(40), 7927-7931.