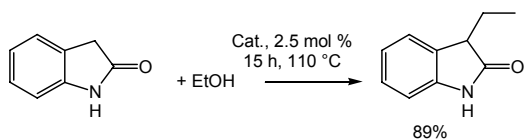
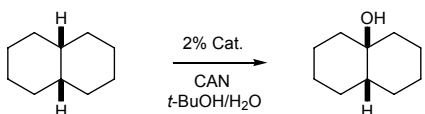


Catalog # 77-1060 Dichloro(pentamethylcyclopentadienyl)iridium(III) dimer, 98%

Technical Notes:

1. Iridium-catalyzed C-3 alkylation of oxindole with alcohols.
2. Precursor to *N*-heterocyclic carbene catalyst effective for hydrogenation and alkylation of amines and alcohols.
3. Precursor to efficient phosphine free catalyst for enantioselective hydrogenation of quinoline derivatives.
4. Catalyst for oxidative C–H activation.
5. Precursor to an effective water oxidation catalyst.

**Tech. Note (1)**
Ref. (1)**Tech. Note (4)**
Ref. (4)

References:

1. *Tetrahedron*, **2009**, 65, 4375.
2. *Organometallics*, **2009**, 321.
3. *Org Lett.*, **2008**, 5265.
4. *J. Am. Chem. Soc.*, **2010**, 132, 12550.
5. *Organometallics*, **2011**, 30, 965.