C–H Borylation of Cyclopropanes and Cyclobutanes with Silica-SMAP–Iridium

**Significance:** The heteroatom-directed C–H borylation of cyclopropanes and cyclobutanes with bis(pinacolato)diboron was carried out in the presence of [Ir(OMe)(cod)]_2 and silica-SMAP to give the corresponding borylated products in up to 168% yield based on bis(pinacolato)diboron (eqs. 1 and 2).

**Comment:** In the reaction of 2-cyclopropylpyridine with bis(pinacolato)diboron, the catalytic activity of the silica-SMAP–iridium system was superior to that of the other ligand–iridium systems (for example, 0% yield for Ph-SMAP–Ir, Me_3P–Ir, t-Bu_3P–Ir, Ph_3P–Ir, XPhos–Ir, dtbpy–Ir, and 2,9-Me_2Phen–Ir).