

Halogen compounds

Q 0090

DOI: 10.1002/chin.201140062

40- 062

Mechanistic and Computational Studies of Oxidatively-Induced Aryl—CF₃ Bond-Formation at Pd: Rational Design of Room Temperature Aryl Trifluoromethylation. — The mechanism of the oxidatively-induced trifluoromethylation of arenes at Pd is studied. In the presence of TMEDA the reaction can be performed successfully at room temperature. — (BALL, N. D.; GARY, J. B.; YE, Y.; SANFORD*, M. S.; *J. Am. Chem. Soc.* 133 (2011) 19, 7577-7584, <http://dx.doi.org/10.1021/ja201726q>; Dep. Chem., Univ. Mich., Ann Arbor, MI 48109, USA; Eng.) — Jannicke

