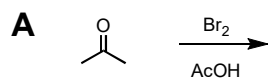


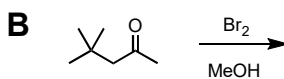
ALPHA HALOGENATIONS

Predict the products of the following reactions and practice mechanisms.



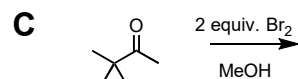
92% yield

rxn from ACIE 2014 53 8450



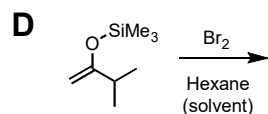
89% yield

rxn from JOC 1998 63 4912



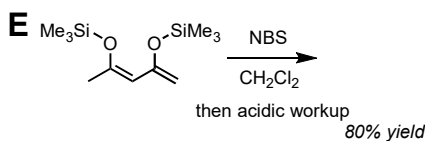
75% yield

rxn from PCT Int. Allp. 2011011712



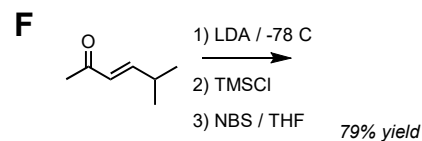
79% yield

rxn from EJOC 2005 4141



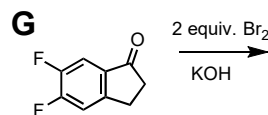
80% yield

rxn from ACIE 2019 58 13019

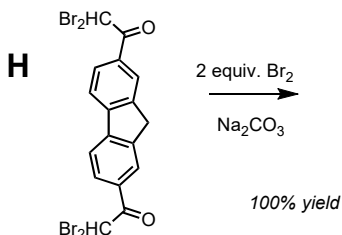


79% yield

rxn from CEJ 2010 16 10785

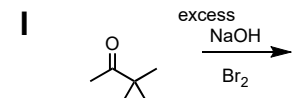


rxn from Molecules 2007 12 74

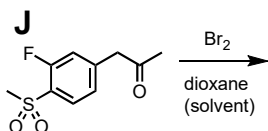


100% yield

rxn from JMC 2007 17 1055

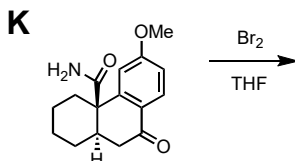


74% yield

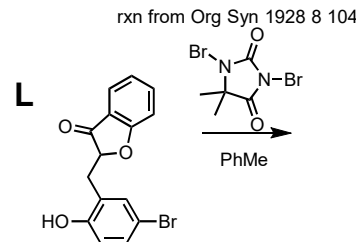


85% yield

rxn from OPRD 2008 12 111



rxn from Can J Chem 1985 63 1013



73% yield

rxn from Adv Syn Cat 2016 358 370