

A novel Rh-PCy₃-CO-HCOOH catalytic system for the regioselective conversion of alkenes to aldehydes.

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Abstract

Rhodium carbonyl and tricyclohexylphosphine, in the presence of CO and HCOOH, is an efficient catalytic system for the regioselective conversion of alkenes into branched and linear aldehydes. This process shows excellent functional group tolerance.