

Anion-Induced Enantioselective Cyclization of Diynamides to Pyrrolidines Catalyzed by Cationic Gold Complexes.

Only chiral anions do the job! Optically active gold complexes derived from substituted binol hydrogen phosphate catalyze the desymmetrizing cyclization of 1,4-diynamides. This reaction provides access to synthetically useful, chiral methylene pyrrolidines with an all-carbon-substituted quaternary stereocenter.