

cyclopentane derivatives

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Carbocyclization of Functionalized Zinc Organometallics.

Reaction of the iodoalkenes (I) with zinc forms regiospecifically the cyclization products (II). These give the methylcyclopentanes (III) upon hydrolysis. Reaction of (II) with iodine or with acetyl chloride (VI) yields the corresponding substitution products (IV) and (V) or (VII) and (VIII). — (MEYER, C.; MAREK, I.; COURTEMANCHE, G.; NORMANT, J.-F.; Synlett (1993) 4, 266-268; Lab. Chim. Org.-Elem., CNRS, Univ. P. a M. Curie, 75252 Paris, Fr.; EN)

