

Negishi cross-coupling for the synthesis 1,2-cyclopentanediones : a short way to lycoperdic acid and its homoanalogue

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Synthesis of 3-substituted 1,2-cyclopentanediones via palladium-catalyzed cross-coupling reactions

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3-Alkyl-1,2-cyclopentanediones by Negishi cross-coupling of a 3-bromo-1,2-cyclopentanedione silyl enol ether with alkylzinc reagents : an approach to 2-substituted carboxylic acid γ -lactones, homocitric and lycoperdic acids

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