

**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**

**Paju, Anne; Kostomarova, Diana; Pehk, Tõnis; Lopp, Margus** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 151

**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  $\gamma$ -lactones, homocitric and lycoperdic acids**

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