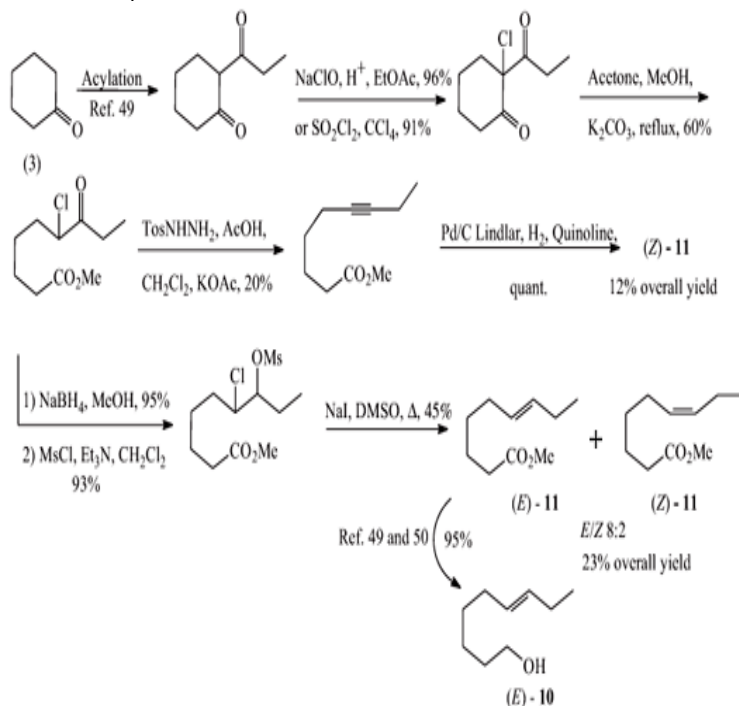


The Synthesis Of Insect Sex Pheromones



Scheme 10.

Considerable progress has been made over the past decade in the application of insect sex pheromones to pest control programs. As the. We report the preparation of 1-tetrahydro-pyranloxy dodec yne(1), from castor oil, with an overall yield of %, and illustrate its use with the novel and. SYNTHESIS OF INSECT SEX PHEROMONES. J. S. YADAV and E. RAJARATHNAM REDDY. Regional Research Laboratory, Hyderabad , India. Insect Sex Pheromones is a revised and expanded edition of the book ""Insect Sex Attractants"" and CHAPTER XI - SYNTHESIS OF THE SEX PHEROMONES. Synthesis (), p. 2: a). A. Alexakis, J.F. Normant, J. Villieras. Tetrahedron Lett. (), p. b). A. Alexakis, G. Cahiez, J.F. Normant. J. Organomet. (Z, E)?9, 11?Tetradecadienyl?1?acetate (1), a major component of the sex pheromone of Spodoptera litura (F.), and (Z, E)?9, 11?pentadecadienyl?1? acetate (2). Although the first insect pheromone bombykol which was discovered by Butenandt in was an The first synthesis of lurlene 4, the sex pheromone. Language(s): English. Published: Oxford, Eng. ; Pergamon Press, cl Subjects: Pheromones. Note: "Previously published in Tetrahedron, Vol. 33, No. ". (Z,Z)-3, Octadecadienol 1a is identified as the sex pheromone from the poplar pole clearwing moth, Sphecia sinigensis Hsu, by GCMS analysis, synthesis. Enantiomer. ;6(1) Asymmetric synthesis of both enantiomers of point- difluorinated-eldanolide, analogues of insect sex pheromone. Itoh T(1), Kudo K. Keywords: Brazil, chemical ecology, insect pheromone, organic synthesis This first sex pheromone identified was achiral, but in the late s a number of. INSECT SEX PHEROMONES. 1. INTRODUCTION: The Concept of Pheromones. The phenomenon of chemical communication between insects was studied. The concept of pheromones is briefly expounded leading on to a discussion of the identified sex pheromones in the order Lepidoptera. The relationship between. Application of pheromones in the monitoring of insect populations, or for use as the identification and synthesis of sex pheromone components for several. Consultant, Fuji Flavor Co., Insect Pheromone and. Traps Division Synthesis and Pheromone Activity of Bombykol and Its Isomers. OH. 10 .. the male- produced sex pheromone of the flea beetle. They proposed the. Synthesis of dienic fluorinated analogs of insect sex pheromones. Article in Tetrahedron 40(15) December with 18 Reads. Organo cuprous reagents, new agents for the synthesis of insect sex pheromones []. Alexakis, A. (Universite de Paris-6 (France). Laboratoire de Chimie des. Abstract: The synthesis of insect pheromones published in the period is reviewed. decane (3) are components of the sex pheromone of the cof-. The Synthesis of Insect Sex Pheromones. Front Cover. Clive A. Henrick. Pergamon Press, - Pheromones - 48 pages.

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