Abstract

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The invention relates to a process for the preparation of 6-(4-chlorophenyl)-2,2-dimethyl-7-phenyl-2,3-dihydro-1H-pyrrolizin-5-ylacetic acid, in which 5-benzyl-3,3-dimethyl-3,4-dihydro-2H-pyrrole is reacted with ω-bromo-4-chloroacetophenone with formation of 6-(4-chlorophenyl)-2,2-dimethyl-7-phenyl-2,3-dihydro-1H-pyrrolizine and the acetic acid group is introduced into the 5-position, 5-benzyl-3,3-dimethyl-3,4-dihydro-2H-pyrrole being obtained by hydrogenation of 2,2-dimethyl-4-oxo-5-phenylvaleronitrile or a ketal thereof. The invention also relates to processes for the preparation of intermediates occurring in the above process.