

Title (en)
METHOD FOR PRODUCING CHLOROCARBOXYLIC ACID CHLORIDES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON CHLORCARBONSÄURECHLORIDEN

Title (fr)
PROCEDE DE PRODUCTION DE CHLORURES D'ACIDE CHLOROCARBOXYLIQUE

Publication
EP 1259472 A1 20021127 (DE)

Application
EP 01909800 A 20010228

Priority
• DE 10010594 A 20000303
• EP 0102238 W 20010228

Abstract (en)
[origin: DE10010594A1] Production of chloroalkanoyl chlorides (I) with a (substituted) 1-10 carbon (hetero)alkylene chain, by reacting a lactone (II) with a chlorinating agent in the presence of a chlorination catalyst, is carried out in the presence of a boron compound. Production of chloroalkanoyl chlorides of formula (I) with a (substituted) 1-10 carbon (hetero)alkylene chain, by reacting a lactone of formula (II) with a chlorinating agent in the presence of a chlorination catalyst, is carried out in the presence of a boron compound. R<1>, R<2> = H or R; R = halo, nitro, cyano or an organic group containing carbon; Y = optionally R-substituted 1-10 C alkylene, which may have a (thio)ether, tertiary amino or keto group in the chain; and R groups on Y, R<1> and/or R<2> = can be linked to form a non-aromatic system.
[origin: DE10010594A1] Production of chloroalkanoyl chlorides (I) with a (substituted) 1-10 carbon (hetero)alkylene chain, by reacting a lactone (II) with a chlorinating agent in the presence of a chlorination catalyst, is carried out in the presence of a boron compound. Production of chloroalkanoyl chlorides of formula (I) with a (substituted) 1-10 carbon (hetero)alkylene chain, by reacting a lactone of formula (II) with a chlorinating agent in the presence of a chlorination catalyst, is carried out in the presence of a boron compound. [Image] R1>, R2>H or R; R : halo, nitro, cyano or an organic group containing carbon; Y : optionally R-substituted 1-10 C alkylene, which may have a (thio)ether, tertiary amino or keto group in the chain; and R groups on Y, R1> and/or R2>can be linked to form a non-aromatic system.

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IPC 8 full level
C07B 61/00 (2006.01); **C07C 51/60** (2006.01); **C07C 51/58** (2006.01); **C07C 53/50** (2006.01)

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