

Title (en)
METHOD FOR THE PRODUCTION OF N,N'-CARBONYLDIAZOLES AND AZOLIDE SALTS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON N,N'-CARBONYLDIAZOLEN UND AZOLIDSALZEN

Title (fr)
PROCEDE DE FABRICATION DE N,N'-CARBONYLDIAZOLES ET DE SELS D'AZOLIDES

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Application
EP 01945342 A 20010706

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Abstract (en)
[origin: DE10035011A1] Preparation of N,N'-carbonyl-diazoles (I) involves reacting an alkali(ne earth) metal or onium azolide salt (II) with phosgene in an aromatic or ether solvent. Preparation of N,N'-carbonyl-diazoles of formula (I) involves reacting an azolide salt of formula (II) with phosgene in an aromatic or ether solvent. X1-X3 = CR1 or N; R1 = H or 1-6C alkyl; R2 = H; or R2+R1 (if X1 and X3 = CR1) = CH=CHCH=CH; M<+> = 1 equivalent of an alkali(ne earth) metal cation or a quaternary onium ion of formula (YR3R4R5R6)<+>; Y = P or N; and R3-R6 = 1-20C alkyl, phenyl, benzyl or ethylbenzyl. An Independent claim is included for the preparation of (II), by reacting an azole of formula (IV) with a metal compound of formula M'R7 (V) or R8-Mg-Z (VI) in a solvent. M' = 1 equivalent of an alkali(ne earth) metal cation; R7 = R9, OR9, N(R9)2 or 1/2 CO3; R8 = 1-6C alkyl or phenyl; and Z = Cl, Br or I.

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