

Title (en)
NOVEL METHOD FOR SYNTHESIS OF 1,4-MORPHOLINE-2,5-DIONES

Title (de)
NEUES VERFAHREN ZUR SYNTHESE VON 1,4-MORPHOLIN-2,5-DIONEN

Title (fr)
NOUVELLE METHODE DE SYNTHESE DE 1,4-MORPHOLINE-2,5-DIONES

Publication
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Application
EP 07730853 A 20070124

Priority
• FR 2007000135 W 20070124
• FR 0600662 A 20060125

Abstract (en)
[origin: FR2896502A1] Preparation of 1,4-morpholine-2,5-diones (I) comprises oxidation of the ketone group of a cyclic compound (II). Preparation of 1,4-morpholine-2,5-diones of formula (I) comprises oxidation of the ketone group of a cyclic compound of formula (II). R, R¹-R⁴H, halo, 2-6C alkenyl, 3-7C cycloalkyl, cyclohexenyl or -(CH₂)_m-V 1-W 1; V 1a covalent bond, S or O, -C(O)-O- or -NR^a; R^a, W 1H, 1-8C alkyl (optionally substituted by halo or cyano) or aryl (preferably phenyl) or aralkyl (preferably benzyl) (optionally substituted by -(CH₂)_n-Y 1-Z, halo, nitro or CN); Y 1O, -S or a covalent bond; Z : H, 1-6C alkyl (optionally substituted by halo) or aralkyl (preferably benzyl); and m, n : 0-4. An independent claim is included for (I) susceptible to be obtained by the process. Provided that (I) is other than the compounds in which: R¹ is methyl, R² and R³ are hydrogen and R⁴ the atom hydrogen, methyl, benzyloxymethyl, benzyloxycarboxymethyl, p-(methoxy)benzylthiomethyl or p-(benzyloxy) benzyl; R¹ is isopropyl, R², R³ and R⁴ are hydrogen; or R¹ is p-(methoxy)benzyl, R² and R³ are hydrogen and R⁴ is isopropyl. [Image].

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