

Title (en)
THIAZOLYLPYPERIDINE DERIVATES AS FUNGICIDES

Title (de)
THIAZOLYLPYPERIDIN DERIVATE ALS FUNGIZIDE

Title (fr)
DÉRIVÉS DE THIAZOLYLPYPERIDINE COMME FONGICIDES

Publication
EP 2445907 A1 20120502 (DE)

Application
EP 10725040 A 20100610

Priority
• EP 2010003499 W 20100610
• EP 09163473 A 20090623
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Abstract (en)
[origin: EP2272846A1] Thiazolylpiperidine derivatives (I) and their salts are new. Thiazolylpiperidine derivatives of formula (I) and their salts are new. A : phenyl or heteroaryl group; Y 1> : O or S; R 1> : H, 1-2C-(halo)alkyl or halo; n : 0-2; R 2> : e.g. 1-8C-alkyl, 1-4C-haloalkyl, 2-6C-alkenyl, 2-6C-alkynyl or adamantan-1-yl; and G : (C(R 5>) 2) por NH; p : 1 or 2; and R 5> : H or 1-2C-(halo)alkyl. Full Definitions are given in the DEFINITIONS (Full Definitions) Field. Independent claims are included for: (1) an agent comprising (I), diluents and/or surface active agent; (2) the preparation of (I); (3) a protecting group substituted 4-thiazol-2-yl-piperidine compound of formula (VIa) or its salt; (4) a sulfur group substituted 4-thiazol-2-yl-piperidine compound of formula (IV) or its salt, where (IV) excludes tert-butyl-4-([4-(methylsulfonyl)phenyl]sulfonyl)methyl-1,3-thiazol-2-yl]piperidin-1-carboxylate; (5) a 4-(4-methyl-thiazol-2-yl)-piperidine compound of formula (III) or its salt; and (6) a 2-(2-piperidin-4-yl-thiazol-4-ylmethyl)-isothiourea compound of formula (IX) or its salt. PG : acetyl, 1-4C-alkoxycarbonyl, benzyl or benzyloxycarbonyl; W1a : Br or I; and W1b : I, Br or Cl. [Image] [Image] [Image] ACTIVITY : Fungicide; Antibacterial; Nematocide; Insecticide; Acaricide; Virucide; Herbicide; Plant Growth Regulant. MECHANISM OF ACTION : None given.

IPC 8 full level
C07D 417/04 (2006.01); **A01N 43/78** (2006.01); **C07D 417/14** (2006.01)

CPC (source: CN EP KR US)
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