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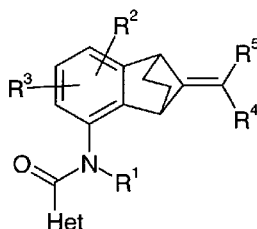
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(54) Title: HETEROCYCLIC AMIDE DERIVATIVES USEFUL AS MICROBIOCIDES



(I)

(57) Abstract: The invention relates to a fungicidally active compound of formula (I): where Het is a 5- or 6-membered heterocyclic ring containing one to three heteroatoms, each independently selected from oxygen, nitrogen and sulphur, the ring being substituted by the groups R⁶, R⁷ and R⁸; R¹ is hydrogen, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, CH₂C≡CR⁹, CH₂CR¹⁰=CHR¹¹, CH=C=CH₂ or COR¹²; R² and R³ are each, independently, hydrogen, halo, C₁₋₄ alkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl or C₁₋₄ haloalkoxy; R⁴ and R⁵ are each independently selected from halo, cyano and nitro; or one of R⁴ and R⁵ is hydrogen and the other is selected from halo, cyano and nitro; R⁶, R⁷ and R⁸ are each, independently, hydrogen, halo, cyano, nitro, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy(C₁₋₄)alkyl, C₁₋₄ haloalkoxy(C₁₋₄)alkyl or C₁₋₄ haloalkoxy, provided that at least one of R⁶, R⁷ and R⁸ is not hydrogen; R⁹, R¹⁰ and R¹¹ are each, independently, hydrogen, halo, C₁₋₄ alkyl, C₁₋₄ haloalkyl or C₁₋₄ alkoxy(C₁₋₄)alkyl; and R¹² is hydrogen, C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₁₋₄ alkoxy(C₁₋₄)alkyl, C₁₋₄ alkylthio(C₁₋₄)alkyl, C₁₋₄ alkoxy or aryl; to the preparation of these compounds, to novel intermediates used in the preparation of these compounds, to agrochemical compositions which comprise at least one of the novel compounds as active ingredient, to the preparation of the compositions mentioned and to the use of the active ingredients or compositions in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms, preferably fungi.

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