Title (en)

SUBSTITUTED 3-PHENYL ISOXAZOLINES

Title (de)

SUBSTITUIERTE 3-PHENYLISOXAZOLINE

Title (fr)

3-PHENYLISOXAZOLINE SUBSTITUEE

Publication

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Application

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Abstract (en)

[origin: WO9905130A1] The invention relates to substituted 3-phenyl isoxazolines of formula (I) and salts and enol ethers thereof, and to their use as herbicides. In said formula (I), X represents -O-, -S-, -N(R<9>)-; R<1> represents CN, C1-C4alkyl, C1-C4alkyl halide, C1-C4halogen alkoxy, C1-C4alkyl sulfonyl; R<2> represents H or optionally, substituted C1-C6 alkyl, (C1-C6 alkyl) carbonyl, C1-C6alkyl sulfonyl, C2-C6 alkenyl, (C2-C6 alkenyl) carbonyl, C2-C6alkinyl, (C2-C6alkinyl) carbonyl; R<3> represents H, halogen; R<4> represents CN, halogen, C1-C3 alkyl halide; R5 represents H, CN, halogen, C1-C3alkyl halide; R<6> represents H, CN, halogen, C1-C3 alkyl halide or optionally, substituted C1-C6 alkoxy; R<7> represents CN, halogen; R<8> is at alpha when R<7> is at beta , or at beta when R<7> is at alpha and represents: 1) H, OH, SH, CH, NO2, halogen, C1-C6alkyl, C1-C6alkyl halide, C1-C6halogen alkoxy, C1-C6 halogenalkylthio, C1-C6 alkylthio (C1-C6alkyl) carbonyl, (C1-C6 alkyl) iminooxycarbonyl, C1-C6alkoxy C1-C6alkyl, C1-C6alkoxyamino C1-C6alkyl, C1-C6alkoxy C1-C6alkylamino C1-C6alkyl, 2) optionally, substituted C1-C6alkoxy, C1-C6 alkylthio, C3-C6 cycloalkoxy, C3-C6 cycloalkylthio, C2-C6 alkenyloxy, C2-C6alkenylthio, C2-C6 alkinyloxy, C2-C6 alkinylthio, (C1-C6 alkyl) carbonyloxy, (C1-C6 alkyl) carbonylthio, (C1-C6 alkoxy) carboxyloxy, (C2-C6 alkenyl) carbonyloxy, (C2-C6 alkenyl) carbonylthio, (C2-C6 alkinyl) carbonyloxy, (C2-C6 alkinyl) carbonylthio, C1-C6 alkylsulfonyloxy or C1-C6 alkylsulfonyl and 3) 29 other radicals; and R<9> represents H, C1-C6 alkyl, C3-C6 cycloalkyl, C3-C6 alkenyl, C3-C6 alkinyl, C1-C6 alkoxy C1-C6alkyl, (C3-C6 alkenyloxy) carbonyl C1-C6alkyl and optionally, substituted phenyl or phenyl C1-C6alkyl.

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