

Title (en)

1-ARYL-1,3,5-TRIAZINE-4-THIONE-2,6-DIONES, PRODUCTION THEREOF AND USE THEREOF AS HERBICIDES

Title (de)

1-ARYL-1,3,5-TRIAZIN-4-THION-2,6-DIONE, DEREN HERSTELLUNG UND DEREN VERWENDUNG ALS HERBIZIDE

Title (fr)

1-ARYL-1,3,5-TRIAZIN-4-THION-2,6-DIONES, LEUR PREPARATION ET LEUR UTILISATION EN TANT QU'HERBICIDES

Publication

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Application

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Abstract (en)

[origin: WO0050409A1] The invention relates to novel 1-aryl-4-thiotriazines of formula (I), wherein R<1> = H, NH<sub>2</sub>, C1-C4-alkyl, C1-C4-alkyl halide; R<2> = H, NH<sub>2</sub>, C1-C4-alkyl, C1-C4-alkyl halide; R<3> = H, halogen; R<4> = CN, halogen; Y = nitrogen, the methine group or together with R<5>, a bridge >C-O-C(R<6>)=N-; R<5> = 1) hydrogen, hydroxy, mercapto, nitro, halogen, C1-C6-alkyl, C1-C6-alkyl halide, 2) C1-C6-alkoxy, C1-C6-alkylthio, C3-C6-cycloalkoxy, C3-C6-cycloalkylthio, C2-C6-alkenyloxy, C2-C6-alkenylthio, C2-C6-alkinyloxy or C2-C6-alkinylthio, each of these 8 radicals optionally bearing one of the following substituents: halogen, cyano, -CO-R<8>, -CO-OR<8> or -CO-N(R<8>)-R<9>; 3) -CO-R<11>, -C(R<11>)(OR<13>)(OR<14>), -C(R<11>)=C(R<15>)-CO-R<16>, -CH(R<11>)-CH(R<15>)-CO-R<16>, -CO-OR<20>, -C(R<10>)=N-OR<7>, -N(R<21>)-R<22> or -CO-N(R<21>)-R<22>; and R<6> = H, halogen, optionally substituted C1-C6-alkyl, C3-C6-alkenyl, C3-C6-alkinyl, C1-C6-alkoxy, C3-C6-alkenyloxy, C3-C6-alkinyloxy, C3-C6-cycloalkyl or C3-C6-cycloalkoxy. The invention also relates to salts and enol ethers of the inventive compounds (I), to a method for producing them and to their use as herbicides.

IPC 1-7

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