

Title (en)
SUBSTITUTED FURYL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLINE(THI)ONES

Title (de)
SUBSTITUIERTE FURYL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONE

Title (fr)
FURYL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLINE(THI)ONES SUBSTITUÉES

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Abstract (en)
[origin: WO2008006499A2] The invention relates to novel substituted furyl-sulfonylamino(thio)carbonyl-triazoline(thi)ones of general formula (I), wherein Q¹ represents O (oxygen) or S (sulfur), Q² represents O (oxygen) or S (sulfur), R^a represents hydrogen, cyano, nitro, halogen, or respectively optionally substituted alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, alkenyl, alkynyl, alkenyloxy, or alkynyloxy, R^b represents hydrogen, cyano, nitro, halogen, or respectively optionally substituted alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, alkenyl, alkynyl, alkenyloxy, or alkynyloxy, R^c represents CO-Y, R⁶ represents hydrogen, hydroxy, amino, cyano, alkylideneamino, or respectively optionally substituted alkyl, alkenyl, alkynyl, alkoxy, alkylamino, alkylcarbonylamino, alkenyloxy, dialkylamino, cycloalkyl, cycloalkylamino, cycloalkylalkyl, aryl, or arylalkyl, R⁷ represents hydrogen, hydroxy, mercapto, amino, cyano, halogen, or respectively optionally substituted alkyl, alkenyl, alkynyl, alkoxy, alkylthio, alkylamino, alkylcarbonylamino, alkenyloxy, alkynyloxy, alkenylthio, alkynylthio, alkenylamino, alkynylamino, dialkylamino, aziridino, pyrrolidino, piperidino, morpholino, cycloalkyl, cycloalkenyl, cycloalkyloxy, cycloalkylthio, cycloalkylamino, cycloalkylalkyl, cycloalkylalkoxy, cycloalkylalkylthio, cycloalkylalkylamino, aryl, arylalkyl, aryloxy, arylalkoxy, arylthio, arylalkylthio, arylamino, or arylalkylamino, or R⁷ and R⁶ jointly represent optionally branched alkanediyl, and Y represents one of the groupings OR⁸ or N(R⁹R¹⁰), wherein R⁸ represents respectively optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclyl, or heterocyclylalkyl, R⁹ represents hydrogen or respectively optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclyl, or heterocyclylalkyl, and R¹⁰ represents hydrogen or respectively optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclyl, or heterocyclylalkyl. Also disclosed are salts of the compounds of formula (I), methods for the production thereof, and the use thereof as herbicides.

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