

Title (en)
SUBSTITUTED HERBICIDAL PHENYLURACILS

Title (de)
SUBSTITUIERTE HERBIZIDE PHENYLURACILE

Title (fr)
PHENYLURACILES HERBICIDES SUBSTITUES

Publication
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Application
EP 00938750 A 20000605

Priority
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• EP 0005113 W 20000605

Abstract (en)
[origin: DE19927612A1] Naphthyl(oxy, thio or amino)-substituted phenyluracil derivatives (I) are new. The naphthyl(oxy, thio or amino)-substituted phenyluracil derivatives are compounds of formula (I) and their salts. m = 0-3; n = 0-4; Q = O, S, SO, SO₂, NH or N(alkyl); R<1> = H, NH₂ or optionally substituted alkyl; R<2> = COOH, CN, CONH₂, CSNH₂, alkylcarbonyl or alkoxy carbonyl (both optionally substituted); R<3> = H, halo or optionally substituted alkyl; R<4> = H, CN, CONH₂, CSNH₂ or halo; R<5> = CN, CONH₂, CSNH₂, halo, alkyl or alkoxy (both optionally substituted); X, Y = OH, SH, NH₂, NO₂, CHO, CN, COOH, CONH₂, CSNH₂, halo, sulfonyl, halosulfonyl; or alkyl, alkoxy, alkylthio, alkyl-SO-, alkyl-SO₂-, alkyl-NH-, (alkyl)2N-, alkyl-CO-, alkoxy-CO-, alkyl-NH-CO-, (alkyl)2N-CO-, alkyl-CO-O-, alkoxy-CO-O-, alkyl-NH-CO-O-, (alkyl)2N-CO-O-, alkyl-CO-NH-, alkoxy-CO-NH-, alkyl-SO₂-NH-, alkenyl, alkenyloxy, alkenyl-O-CO-, alkenyl-CO-O-, alkynyl, alkynyloxy, alkynyl-O-CO-, alkynyl-CO-O- or aryl-CO-O- (each optionally substituted). Independent claims are also included for: (1) the preparation of compounds (I); (2) naphthyl(oxy, thio or amino)-substituted phenyl isocyanates of formula (V); (3) naphthyl(oxy, thio or amino)-substituted phenyl urethanes of formula (VI); (4) N-(naphthyl(oxy, thio or amino)-phenyl)-1-alkoxycarbonylamino-maleimides of formula (VII); and (5) naphthyl(oxy, thio or amino)-substituted aniline derivatives of formula (IX). R = alkyl; aryl; or aralkyl; R' = alkyl.

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