

Title (en)

TRIFLUOROMETHYL PYRIDINYL(OXY/THIO)PHENOXY PROPANOIC ACIDS AND PROPANOLS AND DERIVATIVES THEREOF

Publication

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Application

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Priority

US 81794377 A 19770722

Abstract (en)

[origin: EP0057473A2] A process for preparing trifluoromethylpyridyl(oxy/thio) phenoxy propionic compounds especially active as herbicides for the control of grassy or graminaceous weeds, corresponding to the formula I <CHEM> wherein T is oxygen or sulfur; X is Cl, Br or CF₃; Y is H, Cl, Br or CF₃, provided at least one of X and Y is CF₃; Z is -C-OR, -CNR₁R₂, -C-O(-)M(+), -CN, -CH₂OR₃, -CH₂OCR₄ or -CSR₅; M is (+)NHR₁R₁R₁, Na, K, Mg or Ca; R is H, C₁-8 alkyl, benzyl, chlorobenzyl, or C₃-6 alkoxyalkyl; R₁ is H, C₁-4 alkyl, or C₂-3 hydroxyalkyl; R₂ is H₁ or -OCH₃; R₃ is H or C₁-4 alkyl; R₄ is C₁-7 alkyl; and R₅ is C₁-4 alkyl, as disclosed in the published European Patent Application No. 0 000 483, comprising the using as an intermediate of a trifluoromethylpyridyl(oxy/thio)phenol compound corresponding to the formula II <CHEM> wherein T is oxygen or sulfur; and Y is H or Cl, and M is H or a cation of a caustic solution.

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