

Title (en)

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

Publication

**EP 0000483 B1 19811014 (EN)**

Application

**EP 78100291 A 19780630**

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 CF<sub>3</sub>; Y is H, Cl, Br or CF<sub>3</sub>, provided at least one of X and Y is CF<sub>3</sub>; Z is -C-OR, -CNR<sub>1</sub>R<sub>2</sub>, -C-O(-)M(+), -CN, -CH<sub>2</sub>OR<sub>3</sub>, -CH<sub>2</sub>OCR<sub>4</sub> or -CSR<sub>5</sub>; M is (+)NHR<sub>1</sub>R<sub>1</sub>R<sub>1</sub>, Na, K, Mg or Ca; R is H, C<sub>1</sub>-8 alkyl, benzyl, chlorobenzyl, or C<sub>3</sub>-6 alkoxyalkyl; R<sub>1</sub> is H, C<sub>1</sub>-4 alkyl, or C<sub>2</sub>-3 hydroxyalkyl; R<sub>2</sub> is H<sub>1</sub> or -OCH<sub>3</sub>; R<sub>3</sub> is H or C<sub>1</sub>-4 alkyl; R<sub>4</sub> is C<sub>1</sub>-7 alkyl; and R<sub>5</sub> is C<sub>1</sub>-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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