

F

wherein W and X independently represent Cl, Br or I, and

R^1 represents C_1-C_{12} alkyl or an unsubstituted or substituted C_7-C_{11} arylalkyl; and

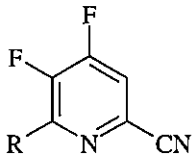
f) coupling the 4-amino-5-fluoro-3,6-dihalopicolinate of Formula F with an aryl, alkyl or alkenyl metal compound of the Formula G

R-Met G

wherein R is as previously defined and Met represents Zn-halide, Zn-R, tri-(C_1-C_4 alkyl)tin, copper, or $B(OR^2)(OR^3)$, where R^2 and R^3 are independent of one another, hydrogen, C_1-C_4 alkyl, or when taken together form an ethylene or propylene group in the presence of a transition metal catalyst to produce a 4-amino-5-fluoro-3-halo-6-(substituted)picolinate of Formula I.

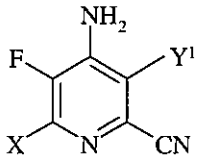
5) A compound selected from the group consisting of :

a)



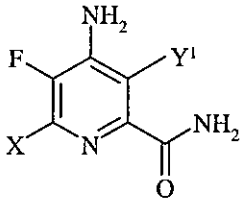
wherein R represents C_1-C_4 alkyl, cyclopropyl, C_2-C_4 alkenyl or phenyl substituted with from 1 to 4 substituents independently selected from halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy or C_1-C_4 haloalkoxy;

b)



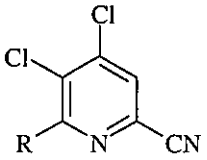
wherein X represents I, Br, Cl or F, and Y^1 represents H, Cl, Br, or I;

c)



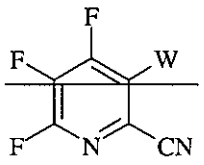
wherein X represents I, Br, Cl or F, and Y^1 represents H, Cl, Br, or I; and

d)



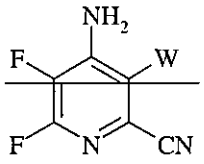
wherein R represents C_1-C_4 alkyl, cyclopropyl, C_2-C_4 alkenyl, or phenyl substituted with from 1 to 4 substituents independently selected from halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy or C_1-C_4 haloalkoxy;

~~e)~~



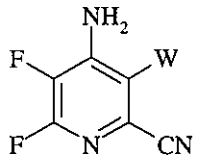
~~wherein W represents Cl, Br or I; and~~

~~f)~~



~~wherein W represents Cl, Br or I.~~

6. The compound of claim 5, wherein said compound has the following structure



wherein W represents Cl, Br or I.