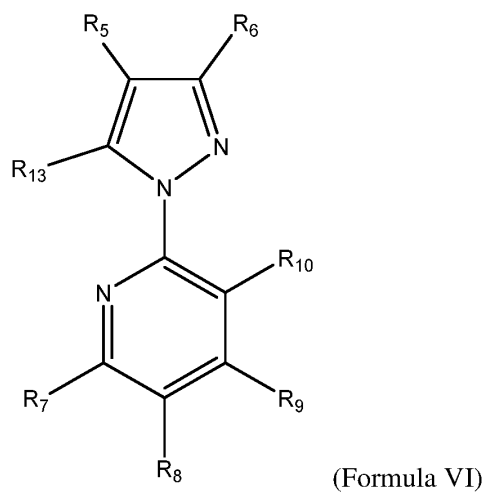


WHAT IS CLAIMED IS:

1. A method of preparing a compound of Formula VI, wherein

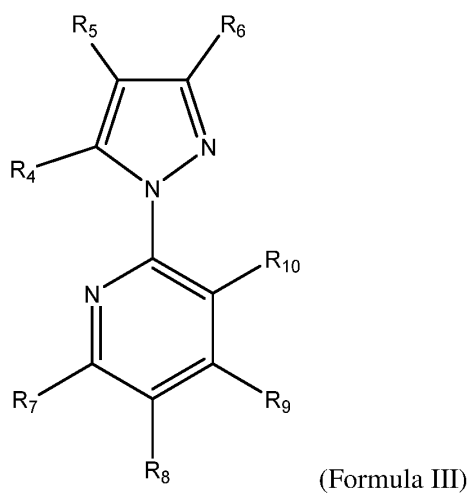


each of R₅ – R₁₀ is independently selected from hydrogen and halogen; and

R₁₃ is an organic acid, the method comprising

I) forming a mixture comprising

A) a compound of Formula III, wherein



R₄ is hydrogen; and

each of R₅ – R₁₀ is independently selected from hydrogen and halogen;

B) a carbonyl-containing compound;

C) a solvent;

D) a compound comprising a metal; and

E) optionally an additive; and

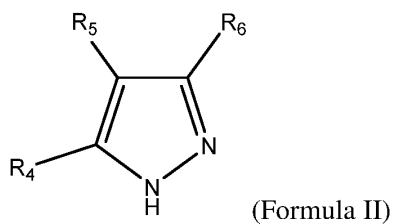
II) reacting the mixture.

2. The method of claim 1, wherein the compound comprising a metal is selected from a Grignard reagent and a lithium-containing compound.
3. The method of claim 2, wherein the Grignard reagent is selected from MeMgCl, *i*PrMgCl, *i*PrMgBr, EtMgCl, *i*Pr₂NMgCl, *i*Pr₂NMgBr, Et₂NMgCl, TMPMgCl, TMPMgCl•LiCl, *i*Pr₂NMgCl•LiCl, *i*Pr₂NMgBr•LiCl, and combinations thereof.
4. The method of claim 3, wherein the Grignard reagent is *i*Pr₂NMgCl.
5. The method of claim 2, wherein the lithium-containing compound is selected from LDA, *n*BuLi, and combinations thereof.
6. The method of claim 1, wherein the solvent is selected from THF, toluene, 1,4-dioxane, Me-THF, and combinations thereof.
7. The method of claim 6, wherein the solvent is THF.
8. The method of claim 1, wherein the carbonyl-containing compound is selected from dimethylcarbonate, N,N-dimethylacetamide, carbon dioxide, and combinations thereof.
9. The method of claim 8, wherein the carbonyl-containing compound is carbon dioxide.

10. The method of claim 1, wherein the compound of Formula III, is prepared according to a method comprising

I) forming a mixture comprising

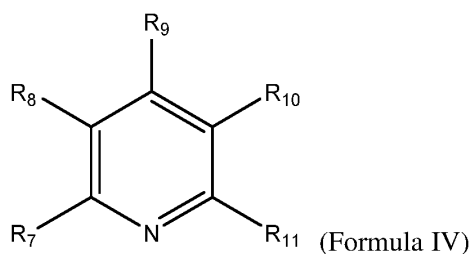
A) a compound of Formula II, wherein



each of R₄, R₅, and R₆ is independently selected from hydrogen and halogen; and

wherein at least one of R₄, R₅, and R₆ is hydrogen;

B) a compound of Formula IV, wherein



each of R₇ – R₁₁ is independently selected from hydrogen and halogen;

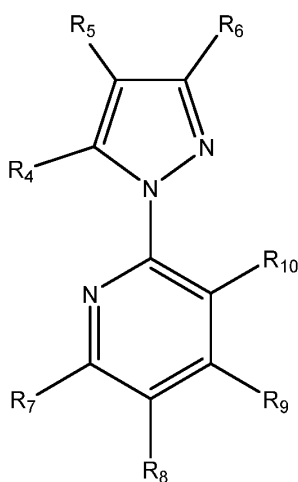
C) a solvent;

D) an inorganic base; and

E) optionally an additive; and

II) reacting the mixture.

11. The method of claim 10, wherein the inorganic base is selected from powder sodium hydroxide, powder potassium hydroxide, potassium carbonate, potassium phosphate, powder sodium methoxide, powder potassium t-butoxide, and combinations thereof.
12. The method of claim 10, wherein the solvent is selected from toluene, N,N-dimethylformamide, N,N-dimethylacetamide, N-methyl-2-pyrrolidone, acetonitrile, and combinations thereof.
13. The method of claim 10, wherein the additive is selected from potassium iodide, a phase transfer catalyst, and combinations thereof.
14. The method of claim 13, wherein the phase transfer catalyst is selected from butyl ammonium chloride, tetra butyl ammonium bromide, aliquat-336, 18-crown-6, and combinations thereof.
15. A method of preparing a compound of Formula III, wherein



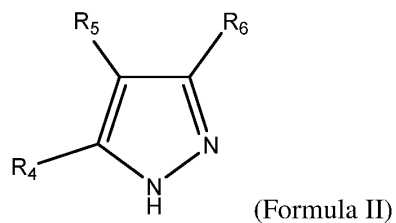
(Formula III)

R₄ is hydrogen; and

each of R₅ – R₁₀ is independently selected from hydrogen and halogen, the method comprising

I) forming a mixture comprising

A) a compound of Formula II, wherein



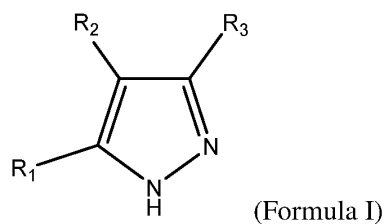
each of R₄, R₅, and R₆ is independently selected from hydrogen and halogen;

wherein at least one of R₄, R₅, and R₆ is hydrogen; and

wherein the compound of Formula II is prepared according to a method comprising

i) forming a mixture comprising

a) one or more compounds of Formula I, wherein



each of R₁, R₂, and R₃ is independently selected from halogen and hydrogen; and

wherein at least two of R₁, R₂, and R₃ are halogen;

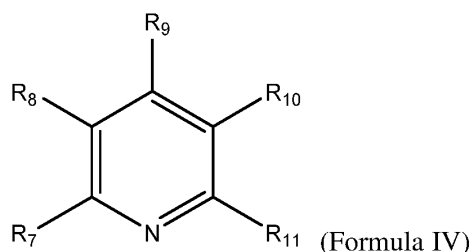
b) optionally a dehalogenation reagent;

c) a reducing agent; and

d) a solvent; and

ii) reacting the mixture.

B) a compound of Formula IV, wherein



each of R₇ – R₁₁ is independently selected from hydrogen and halogen;

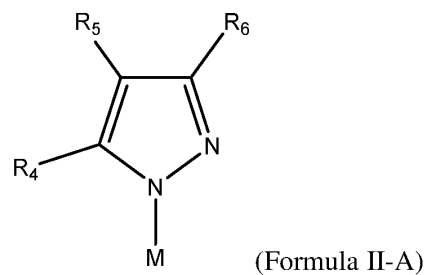
C) a solvent;

D) an inorganic base; and

E) optionally an additive; and

II) reacting the mixture.

16. The method of claim 15, wherein the inorganic base is selected from powder sodium hydroxide, powder potassium hydroxide, potassium carbonate, potassium phosphate, powder sodium methoxide, powder potassium t-butoxide, and combinations thereof.
17. The method of claim 15, wherein the solvent C) is selected from toluene, N,N-dimethylformamide, N,N-dimethylacetamide, N-methyl-2-pyrrolidone, acetonitrile, and combinations thereof.
18. The method of claim 15, wherein the additive is selected from potassium iodide, a phase transfer catalyst, and combinations thereof.
19. A compound of Formula II-A, wherein



M is selected from alkali metals and alkaline metals;

each of R₄, R₅, and R₆ is independently selected from hydrogen and halogen; and

wherein at least one of R₄, R₅, and R₆ is hydrogen.

20. The compound of claim 19, wherein the compound is

