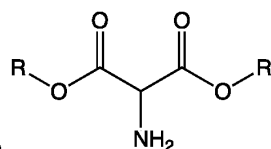
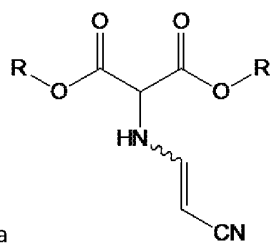


CLAIMS

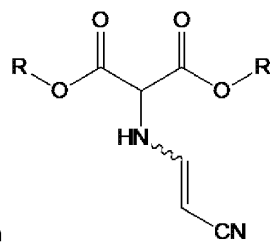
1. A process for preparing verdiperstat comprising the steps of:



reacting a compound having formula or a salt thereof, wherein R is the same or different and is each independently a C1-C5 alkyl, with 3-(dimethylamino)acrylonitrile to obtain



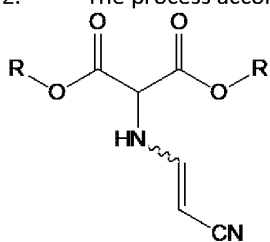
a compound having formula



converting the compound having formula

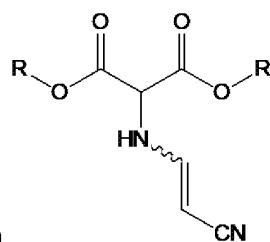
to verdiperstat.

2. The process according to Claim 1, wherein the step of converting the compound having

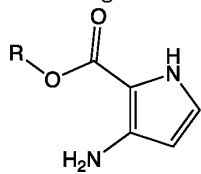


formula

to verdiperstat comprises:

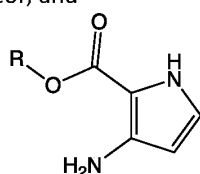


converting the compound having formula



formula

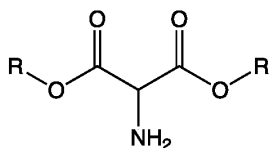
or a salt thereof; and



converting the compound having formula

or a salt thereof to verdiperstat.

3. The process according to Claim 1, wherein the step of reacting a compound having



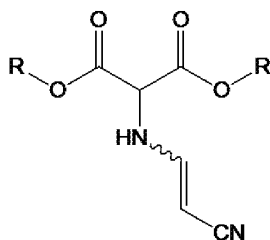
formula

or a salt thereof, wherein R is a C1-C5 alkyl with 3-

(dimethylamino)acrylonitrile is conducted in the presence of an acid.

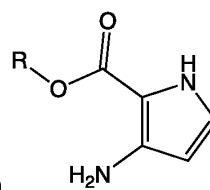
4. The process according to Claim 3, wherein the acid is a carboxylic acid.

5. The process according to Claim 2, wherein the step of converting the compound having



formula

to a compound having formula

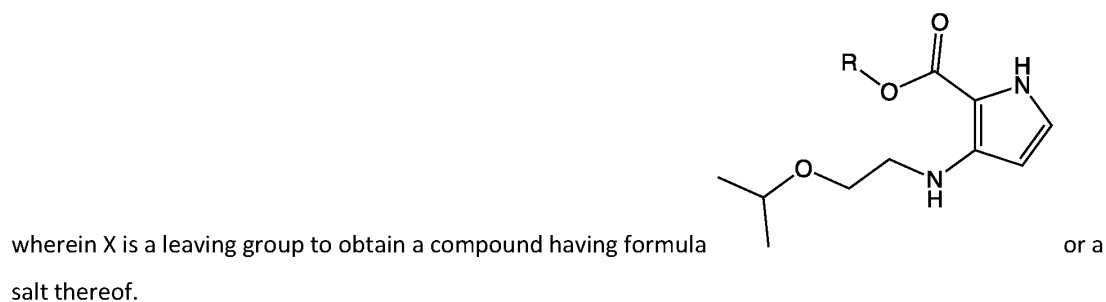
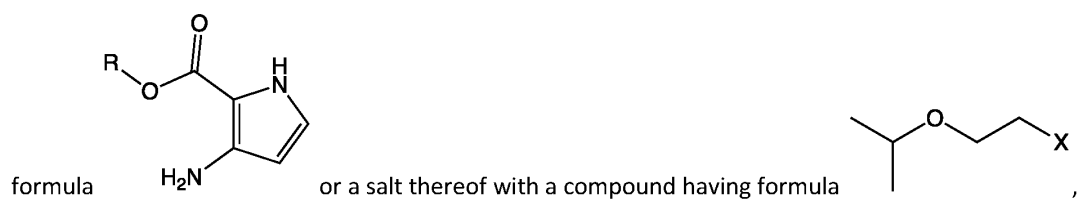
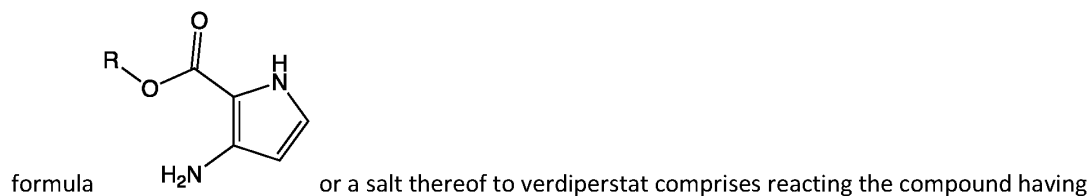


or a salt thereof

is conducted in the presence of a base.

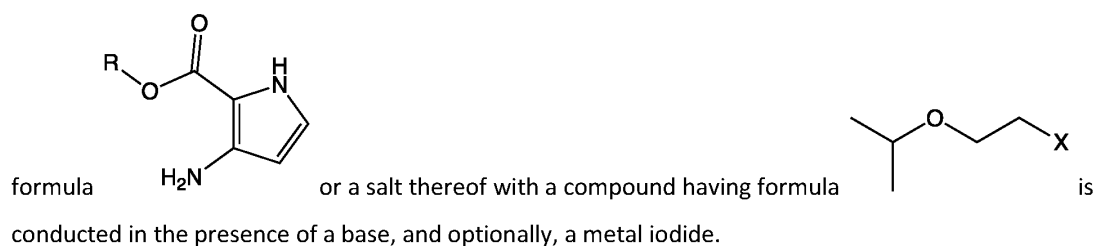
6. The process according to Claim 5, wherein the base is a metal alkoxide.

7. The process according to Claim 2, wherein the step of converting the compound having



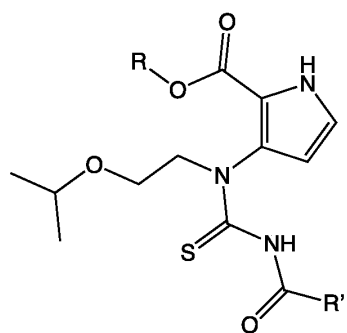
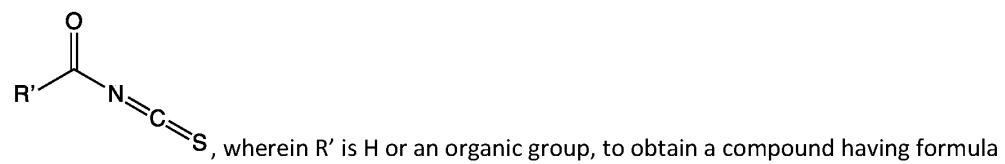
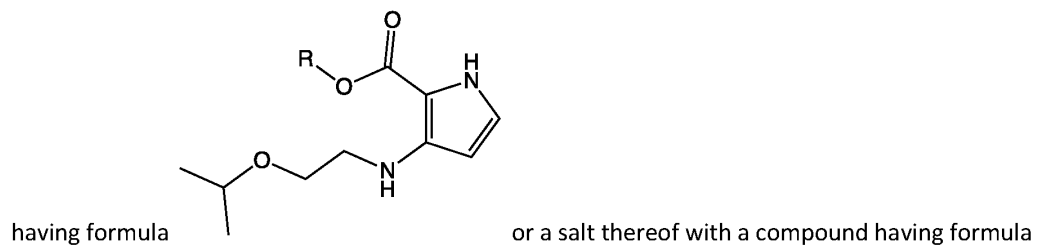
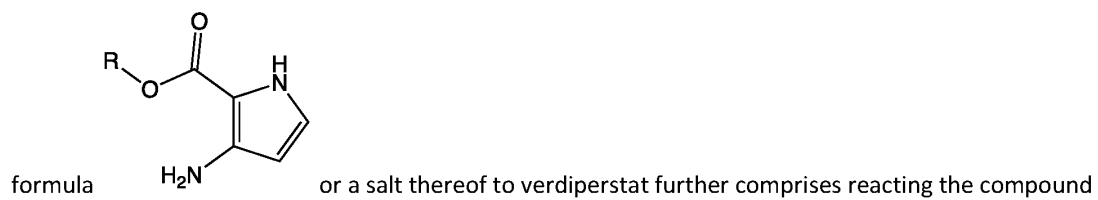
8. The process according to Claim 7, wherein the leaving group is an organic sulfonate group.

9. The process according to Claim 7, wherein the step of reacting the compound having

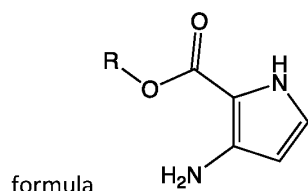


10. The process according to Claim 9, wherein the base is a salt of an inorganic acid, and wherein the metal is an alkali metal.

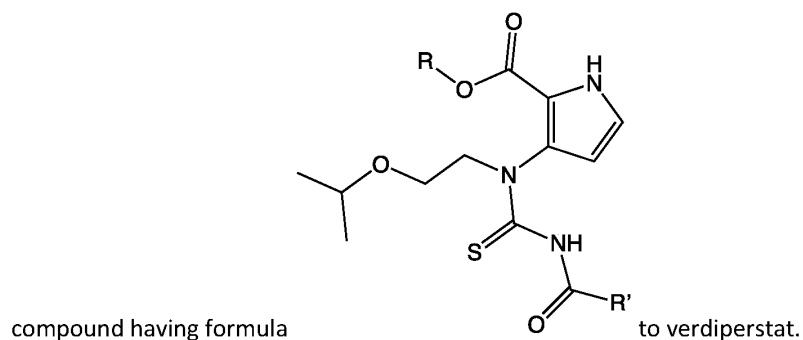
11. The process according to Claim 7, wherein the step of converting the compound having



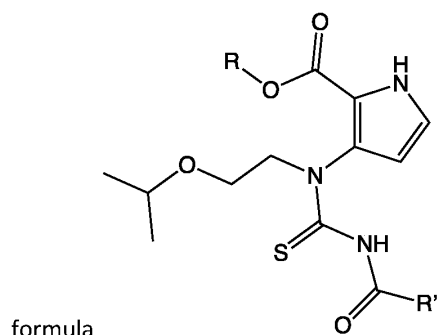
12. The process according to Claim 7, wherein the step of converting the compound having



or a salt thereof to verdiperstat further comprises converting the



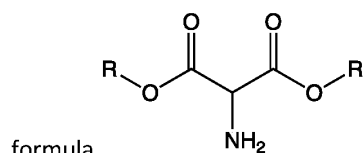
13. The process according to Claim 12, wherein the step of converting the compound having



to verdiperstat is conducted in the presence of a base.

14. The process according to Claim 13, wherein the base is a metal hydroxide.

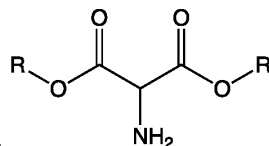
15. The process according to Claim 1, wherein the step of reacting a compound having



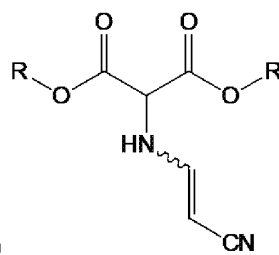
or a salt thereof, wherein R is a C1-C5 alkyl, with 3-(dimethylamino)acrylonitrile is preceded by reacting cyanoacetic acid with N, N-dimethylformamide dimethyl acetal to obtain 3-(dimethylamino)acrylonitrile.

16. A process for preparing verdiperstat comprising:

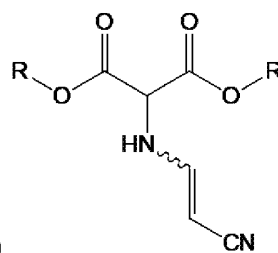
Step (a): reacting cyanoacetic acid with N, N-dimethylformamide dimethyl acetal to obtain 3-(dimethylamino)acrylonitrile;



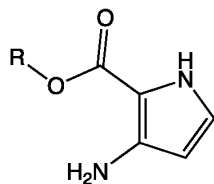
Step (b): reacting a compound having formula or a salt thereof, wherein R is the same or different and is each independently a C1-C5 alkyl, with 3-



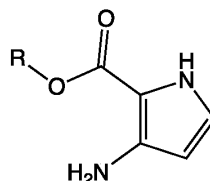
(dimethylamino)acrylonitrile to obtain a compound having formula



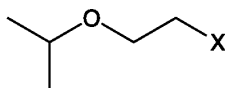
Step (c): converting the compound having formula to a compound



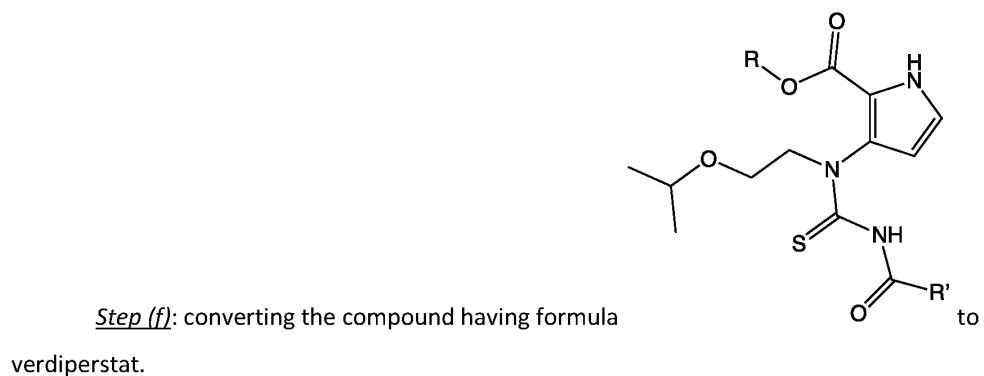
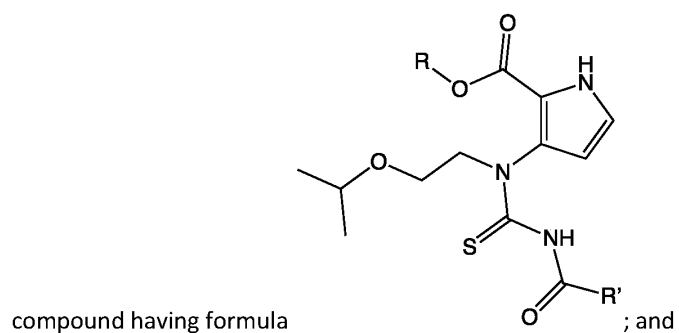
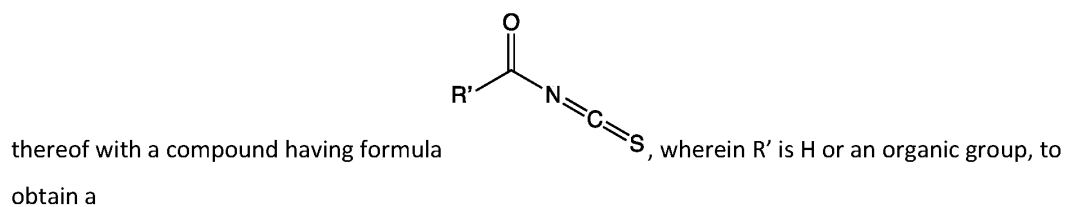
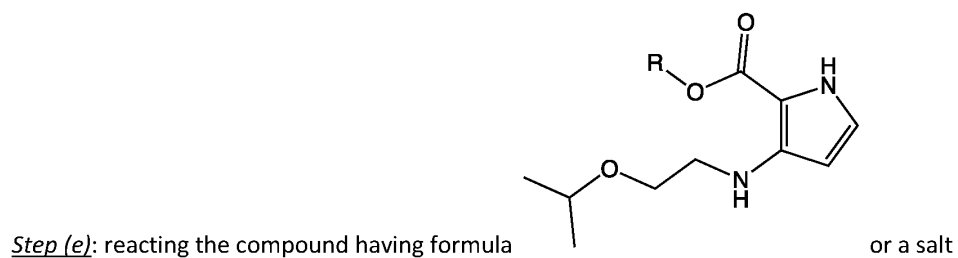
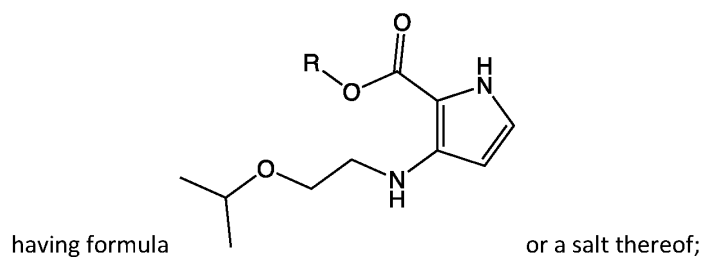
having formula or a salt thereof;



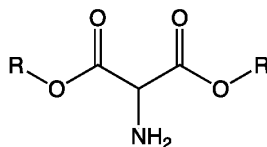
Step (d): reacting the compound having formula or a salt thereof with a



compound having formula, wherein X is a leaving group to obtain a compound



17. A composition comprising:



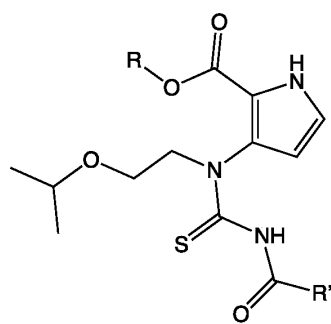
a compound having formula or a salt thereof, wherein R is the same or different and is each independently a C1-C5 alkyl; and 3-(dimethylamino)acrylonitrile.

18. The composition according to Claim 17, further comprising a solvent, an acid, or a combination thereof.

19. The composition according to Claim 18, wherein the solvent is a hydrocarbon solvent, a halogenated hydrocarbon solvent, or a combination thereof.

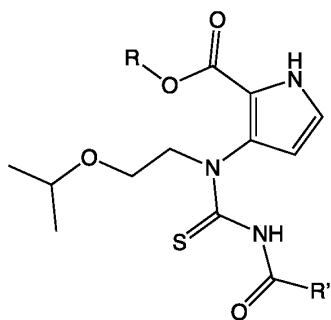
20. The composition according to Claim 19, wherein the acid is a carboxylic acid.

21. A composition comprising verdiperstat and a compound having formula



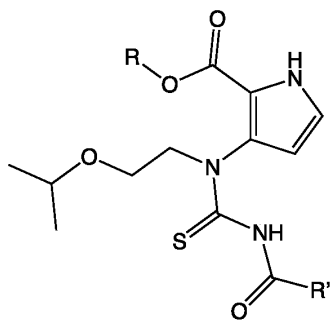
, wherein R' is H or an organic group.

22. The composition of Claim 21, wherein the compound having formula



is present in an amount of 0.2 percent by weight or greater based on the total weight of the composition.

23. The composition of Claim 21, wherein the compound having formula



is present in an amount of less than 0.2 percent by weight based on the total weight of the composition.