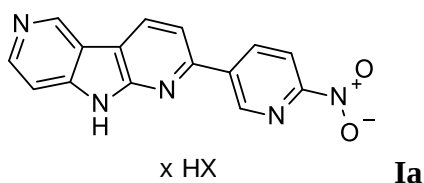


wherein a leaving group O-SO₂-R is selected from the triflate group, the tosylate group, the mesylate group, the besylate group, the nosylate group or the brosylate group,

with a suitable boronic acid, a trifluoroborate or a boronic acid ester

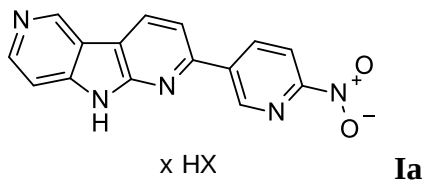
under argon condition and in the presence of a catalyst and a first base in a suitable solvent and then isolating the product as an acid addition salt

to afford the compound of formula **Ia**

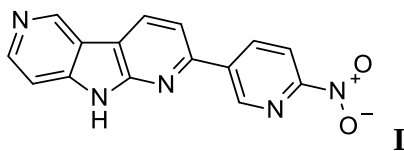


and

b) converting the acid addition salt of formula **Ia**



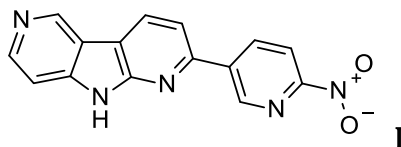
wherein the acid HX comprises suitable organic or inorganic acids into the compound of formula **I**



by treatment with at least a stoichiometric equivalent of a second base.

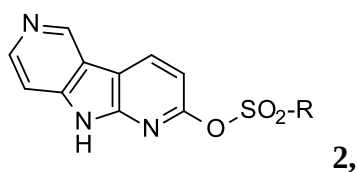
Claims

1. A process for preparation of the compound of formula **I**



which processes comprise

- a) coupling a compound of formula **2**

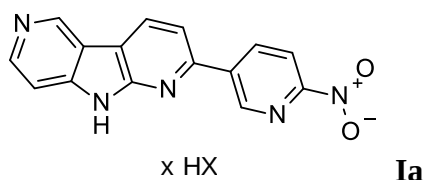


wherein a leaving group O-SO₂-R is selected from the triflate group, the tosylate group, the mesylate group, the besylate group, the nosylate group or the brosylate group,

with a suitable boronic acid, a trifluoroborate or a boronic acid ester

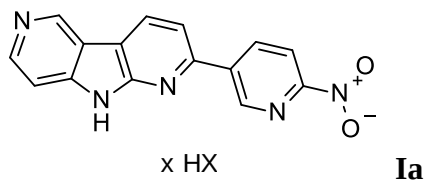
under argon condition and in the presence of a catalyst and a first base in a suitable solvent and then isolating the product as an acid addition salt

to afford the compound of formula **Ia**

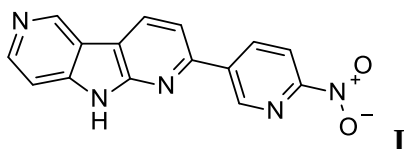


and

- b) converting the acid addition salt of formula **Ia**



wherein the acid HX comprises suitable organic or inorganic acids into the compound of formula **I**



by treatment with at least a stoichiometric equivalent of a second base.

2. A process for preparation of a compound of formula **I** according to claim 1 step a), wherein the compound of formula **2** is 9H-pyrrolo[2,3-b:4,5-c']dipyridin-2-yl trifluoromethanesulfonate.

3. A process for preparation of a compound of formula **I** according to claim 1 step a), wherein a suitable boronic acid ester is 2-nitropyridine-5-boronic acid pinacol ester.

4. A process for preparation of a compound of formula **I** according to claim 1 step a), wherein the catalyst is dichloro[9,9-dimethyl-4,5-bis(diphenylphosphino)xanthene]palladium(II).

5. A process for preparation of a compound of formula **I** according to claim 1 step a), wherein the base is potassium fluoride.

6. A process for preparation of a compound of formula **I** according to claim 1 step a), wherein the suitable solvent is selected from THF, 2-Me-THF or dioxane.

7. A process for preparation of a compound of formula **I** according to claim 1 step a), wherein the acid addition salt is isolated by treating the product with an acid selected from acetic acid, trifluoroacetic acid, cinnamic acid, oxalic acid, tartaric acid, hydrochloric acid, hydrobromic acid, sulfuric acid or phosphoric acid.

8. A process for preparation of a compound of formula **I** according to claim 1 step b), wherein the suitable organic or inorganic acids are acetic acid, trifluoroacetic acid, cinnamic acid, oxalic acid, tartaric acid, hydrochloric acid, hydrobromic acid, sulfuric acid or phosphoric acid.

9. A process for preparation of a compound of formula **I** according to claim 1 step b), wherein the base is sodium or potassium hydroxide, trimethylamine, triethylamine, potassium carbonate, sodium bicarbonate or ammonia.