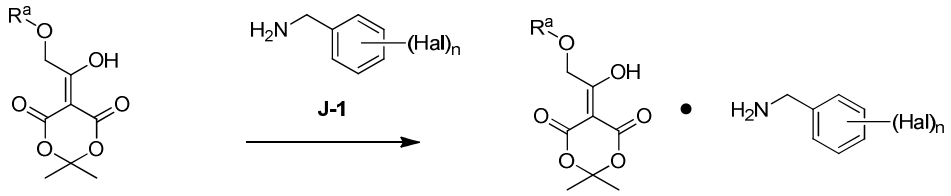
CLAIMS

1. A process to prepare a compound of Formula B-1 • J-1 according to the following scheme:



wherein the process comprises reacting the free acid of B-1 with about one to five equivalents of J-1; and

wherein

Hal is halogen,

n is 1, 2, or 3, and

R^a is $(C_1\text{-}C_4)$alkyl, $(C_6\text{-}C_{10})$aryl, or $(C_6\text{-}C_{10})$aryl $(C_1\text{-}C_4)$alkyl.

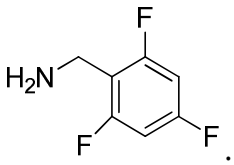
2. The process of claim 1 wherein B-1 is reacted with J-1 in the presence of an acid selected from the group consisting of an inorganic acid, an organic acid, a halogenated organic acid, and mixtures thereof.

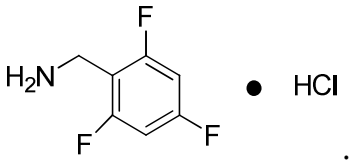
3. The process of claim 2 wherein the acid is selected from the group consisting of hydrochloric acid, hydrobromic acid, hydroiodic acid, trifluoromethanesulfonic acid, formic acid, trifluoroacetic acid, trichloroacetic acid, perfluoropropionic acid, and a mixture thereof.

4. The process of claim 3 wherein the acid is trifluoroacetic acid.

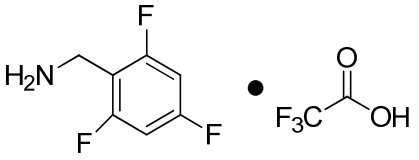
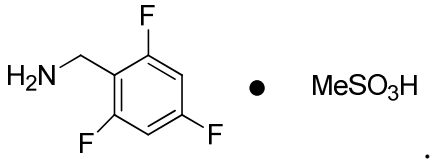
5. The process of any one of claims 1 to 4, wherein J-1 is in the form of a salt or co-crystal.

6. The process of any one of claims 1 to 5 wherein Hal is F.

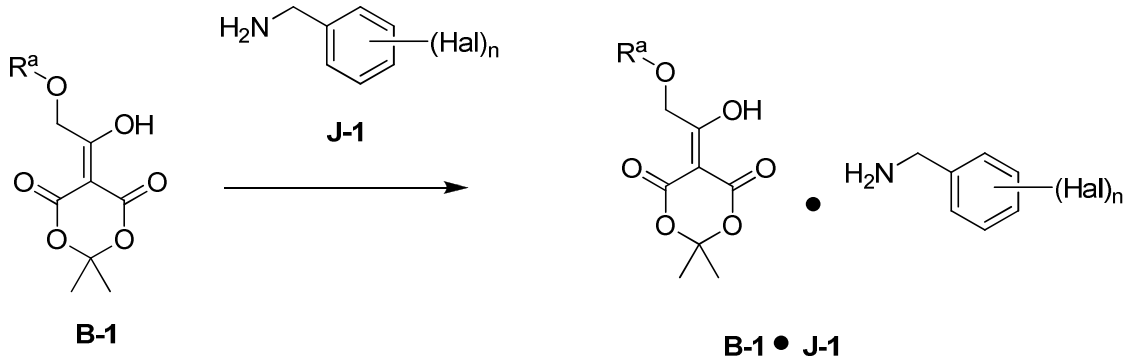
7. The process of any one of claims 1 to 6 wherein J-1 is .

8. The process of any one of claims 1 to 6 wherein J-1 is .

9. The process of any one of claims 1 to 6 wherein J-1 is

 or .

10. A process for preparing a salt of formula B-1●J-1



B-1 **J-1** **B-1 ● J-1**

wherein the process comprises dissolving the free acid of **B-1** and adding one equivalent of **J-1**,

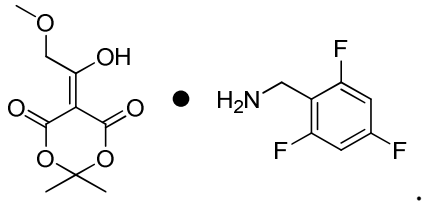
wherein

Hal is halogen,

n is 1, 2, or 3,

R^a is $(C_1\text{-}C_4)$alkyl, $(C_6\text{-}C_{10})$aryl, or $(C_6\text{-}C_{10})$aryl$(C_1\text{-}C_4)$alkyl.

11. A compound having the following structure:



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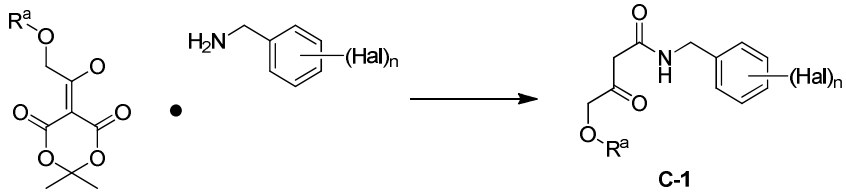
12. A process to prepare a compound of formula C-1



B-1.J-1 C-1

wherein the process comprises reacting a compound of formula B-1.J-1 with about 0.1 to 1 equivalent of a suitable acid, and

wherein

Hal is halogen, which may be the same or different,

n is 1, 2, or 3, and

R^a is $(C_1\text{-}C_4)$alkyl, $(C_6\text{-}C_{10})$aryl, or $(C_6\text{-}C_{10})$aryl$(C_1\text{-}C_4)$alkyl.

13. The process of claim 12 wherein the acid is selected from the group consisting of an inorganic acid, an organic acid, a halogenated organic acid, a Lewis acid and mixtures thereof.

14. The process of claim 12 or 13 wherein the acid is selected from the group consisting of hydrochloric acid, hydrobromic acid, hydroiodic acid, trifluoromethanesulfonic acid, formic acid, trifluoroacetic acid, trichloroacetic acid, perfluoropropionic acid, dichloroacetic acid, chloroacetic acid, acetic acid, para-toluenesulfonic acid, methane sulfonic acid, zinc chloride, magnesium bromide, magnesium triflate, copper triflate, scandium triflate, and a mixture thereof.

15. The process of any one of claims 12 to 14 wherein the acid is trifluoroacetic acid.