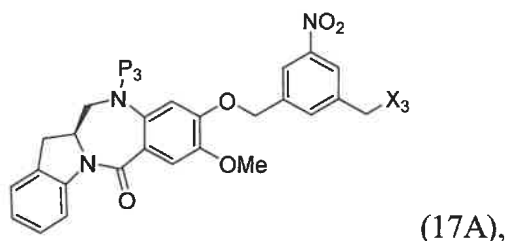
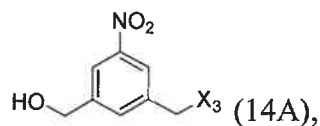


CLAIMS

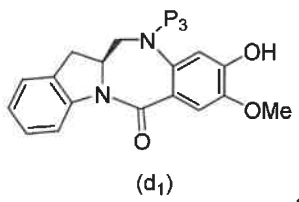
1. A method of preparing a compound of formula (17A):



or a salt thereof, said method comprising reacting a compound of formula (14A)



with a monomer compound of formula d₁,



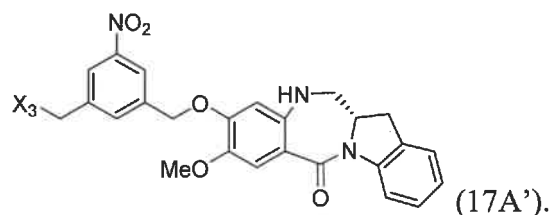
wherein:

X₃ is -Cl; and

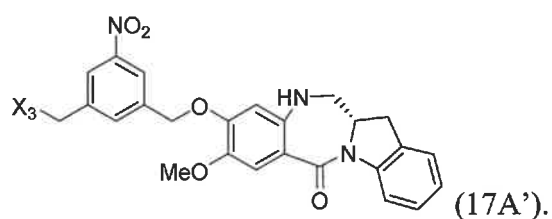
P₃ is H or an amine protecting group.

2. The method of claim 1, wherein the compound of formula (14A) is reacted with a monomer of formula (d₁) in the presence of an alcohol activating agent.
3. The method of claim 2, wherein the alcohol activating agent is triphenylphosphine.
4. The method of any one of claims 1-3, wherein the compound of formula (14A) is reacted with a monomer of formula (d₁) in the presence of an azodicarboxylate.

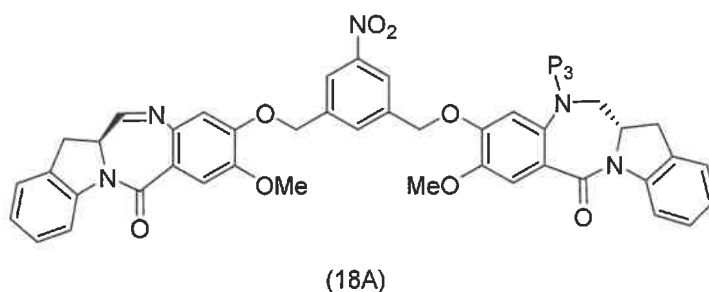
5. The method of claim 4, wherein the azodicarboxylate is selected from the group consisting of: diethyl azodicarboxylate (DEAD), diisopropyl azodicarboxylate (DIAD), 1,1'-(azodicarbonyl)dipiperidine (ADDP), and ditertbutyl azodicarboxylate (DTAD).
6. The method of any one of claims 1-5, wherein the compound of formula (14A) is reacted with the monomer compound of formula (d₁), wherein P₃ is H, to form a compound of formula (17A'):



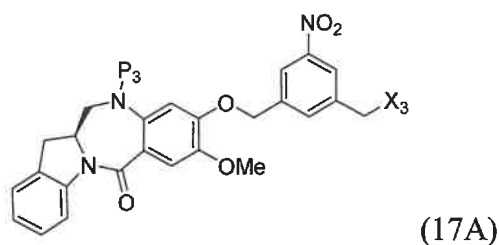
7. The method of any one of claims 1-5, wherein P₃ is an amine protecting group.
8. The method of claim 7, further comprising the step of reacting the compound of formula (17A) with an amine deprotecting reagent to form a compound of formula (17A'):



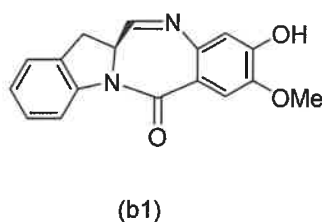
9. The method of claim 8, wherein the amine deprotecting reagent is selected from the group consisting of tetra-n-butylammonium fluoride, acetic acid, hydrogen fluoride pyridine, cesium fluoride, piperidine, morpholine, or trifluoroacetic acid.
10. A method of preparing a compound of formula (18A),



or a pharmaceutically acceptable salt thereof, said method comprising reacting a compound of formula of (17A):



with a monomer of formula (b1):



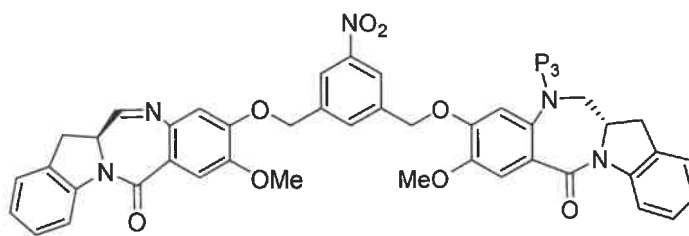
wherein:

X₃ is -Cl; and

P₃ is H or an amine protecting group.

11. The method of claim 10, wherein the compound of formula (17A) is reacted with a monomer compound of formula (b1) in the presence of a base.
12. The method of claim 11, wherein the base is sodium carbonate, potassium carbonate, cesium carbonate, sodium hydride, or potassium hydride.
13. The method of claim 12, wherein the base is potassium carbonate.
14. The method of any one of claims 10-13, wherein the compound of formula (17A) is reacted with a monomer compound of formula (b1) in the presence of a polar aprotic solvent.
15. The method of claim 14, wherein the polar aprotic solvent is dimethylformamide or dimethylacetamide.

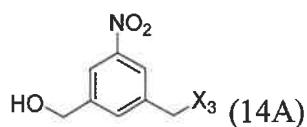
16. A method of preparing a compound of formula (18A),



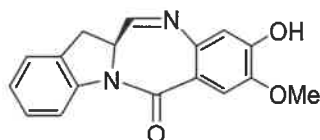
(18A)

or a pharmaceutically acceptable salt thereof, said method comprising the steps of:

(1) reacting the compound of formula (14A)

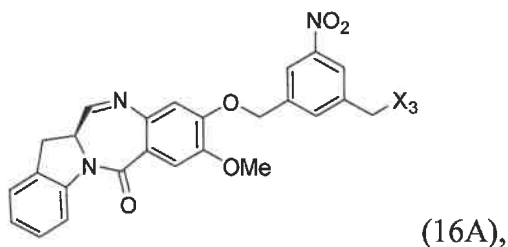


with a monomer compound of formula (b1),



(b1)

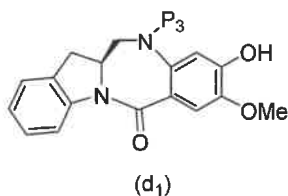
to form a compound of formula (16A):



(16A),

or a salt thereof; and

(2) reacting the compound of formula of (16A) with a reduced monomer of formula (d₁):



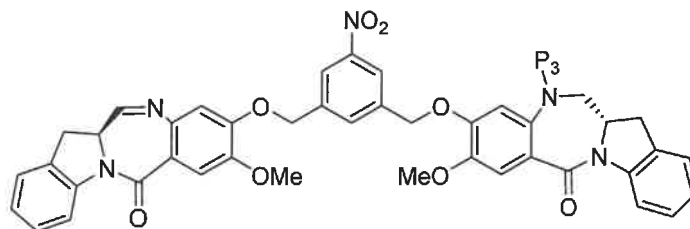
(d₁)

to form a compound of formula (18A), or a pharmaceutically acceptable salt thereof, wherein:

X₃ is -Cl; and

P₃ is H or an amine protecting group.

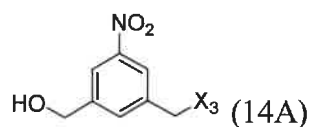
17. A method of preparing a compound of formula (18A),



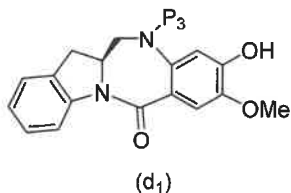
(18A)

or a pharmaceutically acceptable salt thereof, said method comprising the steps of:

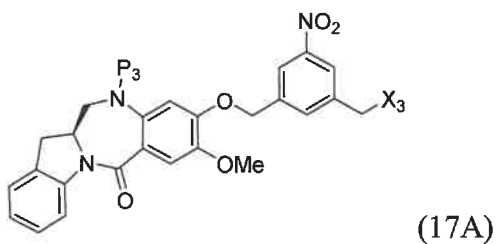
- (1) reacting the compound of formula (14A)



with a reduced monomer compound of formula (d₁),

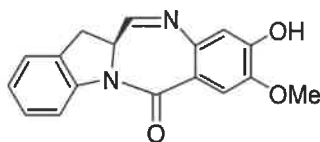


to form a compound of formula (17A):



or a salt thereof; and

- (2) reacting the compound of formula of (17A) with a monomer of formula (b1):



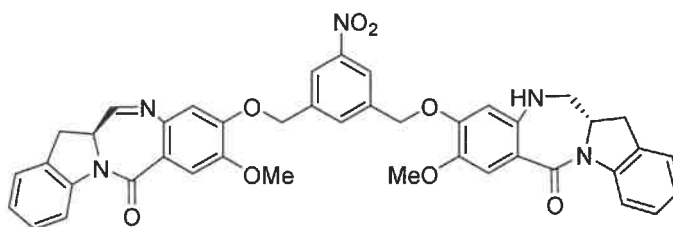
(b1)

to form a compound of formula (18A), or a pharmaceutically acceptable salt thereof, wherein:

X_3 is $-Cl$; and

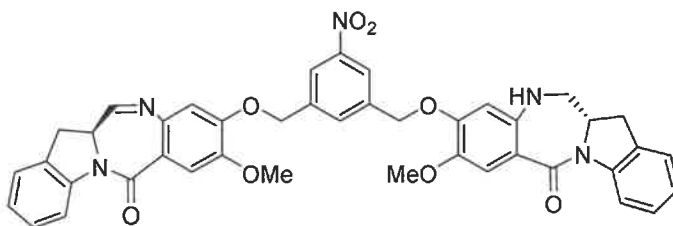
P_3 is H or an amine protecting group.

18. The method of claim 17, wherein the compound of formula (17A) is reacted with monomer of formula (b1), wherein P_3 is H, to form a compound of formula (IA):



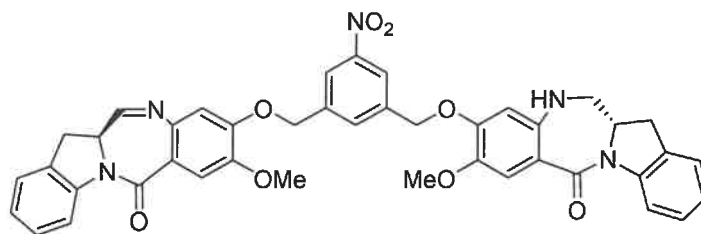
(IA)

19. The method of claim 17, wherein P_3 is an amine protecting group.
20. The method of claim 19, wherein the compound of formula (18A) is further reacted with an amine deprotecting reagent to form a compound of formula (IA):



(IA)

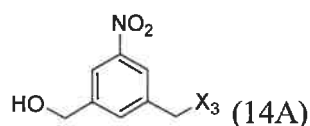
21. A method of preparing a compound of formula (IA),



(IA)

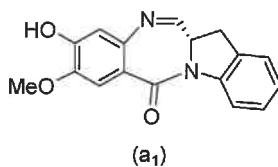
or a pharmaceutically acceptable salt thereof, said method comprising the steps of:

(1) reacting the compound of formula (14A)



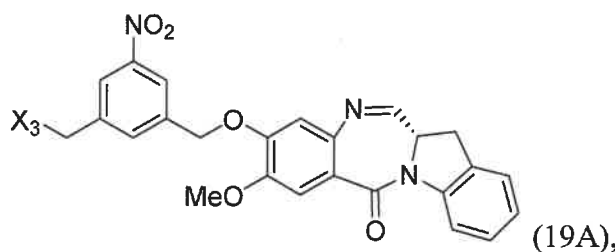
(14A)

with a monomer compound of formula (a₁),



(a₁)

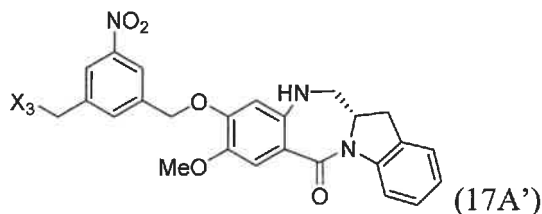
to form a compound of formula (19A):



(19A),

or a salt thereof;

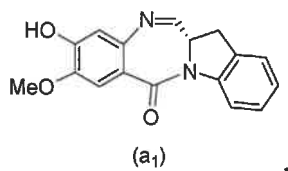
(2) reacting the compound of formula (19A) with an imine reducing agent to form a compound of formula (17A'):



(17A')

or a salt thereof; and

(3) reacting the compound of formula (17A') with a monomer of formula (a₁):

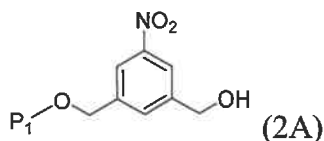


to form the compound of formula (IA); wherein:

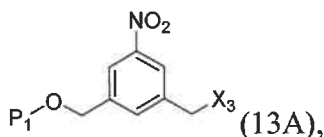
X_3 is $-Cl$.

22. The method of any one of claims 16-21, wherein the compound of formula (14A) or a salt thereof is prepared by a method comprising the steps of:

(1) reacting a chlorinating reagent with a compound of formula (2A):



to form a compound of formula (13A):



or a salt thereof wherein P_1 is an alcohol protecting group; and

(2) reacting the compound of formula (13A) with an alcohol deprotecting reagent to form the compound of formula (14A) or a salt thereof.

23. The method of claim 22, wherein the compound of formula (2A) is prepared by reacting a compound of formula (1A) with an alcohol protecting reagent

