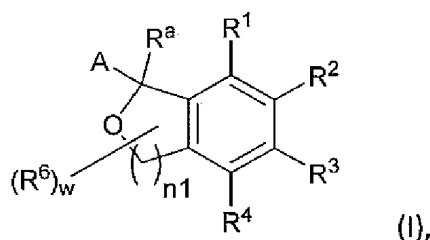


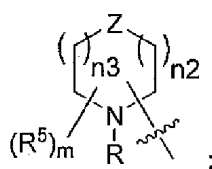
WHAT IS CLAIMED IS:

1. A compound of formula I:



- 5 or a pharmaceutically acceptable salt thereof, wherein:

A is



m is 0, 1, or 2;

n1 is 2, or 3;

10 n2 is 0 or 1;

n3 is 0 or 1;

R is -H or C₁-C₃ alkyl;

R^a is -H or C₁-C₃ alkyl;

15 R¹, R², R³, and R⁴ are independently -H, halo, -OH, -NH₂, C₁-C₃ alkyl, -OR⁷, -NHR⁷,
-N(R⁷)R⁷, -CN, phenyl, or 5- or 6- membered heteroaryl, wherein:

each instance of R⁷ independently is unsubstituted C₁-C₂ alkyl or C₁-C₂ alkyl
substituted with 1-3 halo,

each instance of C₁-C₃ alkyl independently is unsubstituted or substituted with
1-3 halo,

20 and

the phenyl or heteroaryl is unsubstituted or substituted with 1 or 2 groups
independently selected from halo, -OH, -OCH₃, -OCF₃, -NH₂, -NH(CH₃),
-N(CH₃)₂, -CH₃, ethyl, -CF₃, and -CN,

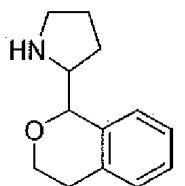
wherein at least three of R¹, R², R³, and R⁴ are -H,

25 optionally wherein

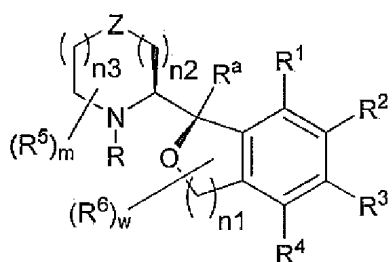
two adjacent instances of R¹, R², R³, and R⁴ together form -O-CH₂-O-,
-O-CH(CH₃)-O-, -O-C(CH₃)₂-O-, -O-CH₂-CH₂-O-, or -O-C(CH₃)₂-C(CH₃)₂-O-;

each instance of R^5 independently is halo, $-CH_3$, or ethyl;
 each instance of R^6 independently is halo, $-CH_3$, ethyl or $-OH$;
 w is 0, 1, or 2; and
 Z is C or O;

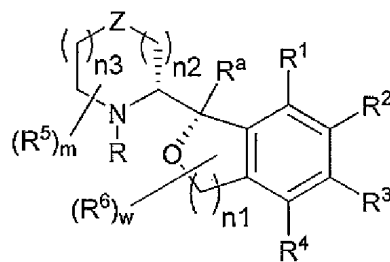
5 provided that the compound is not:



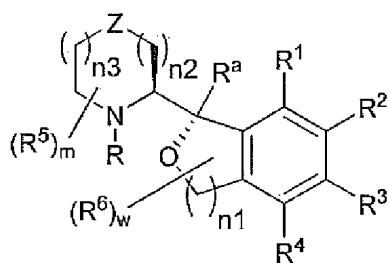
2. The compound of claim 1 selected from formula (Ia), (Ib), (Ic), or (Id) and a pharmaceutically acceptable salt thereof:



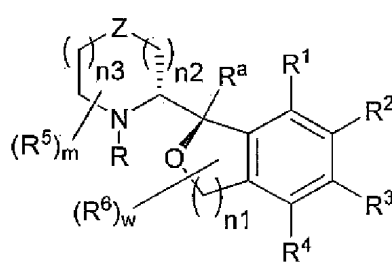
(Ia),



(Ib),

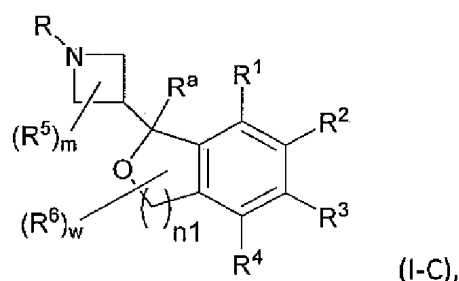


(Ic),



(Id)

3. The compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof, wherein Z is C.
4. The compound of any one of claims 1 to 3 or a pharmaceutically acceptable salt thereof,
 15 wherein n_2 is 0 and n_3 is 0; or one of n_2 and n_3 is 0 and the other is 1; or n_2 is 1 and n_3 is 1.
5. The compound of any one of claims 1 to 2, wherein n_2 is 1 and Z is O.
6. The compound of any one of claims 1 to 5 or a pharmaceutically acceptable salt thereof,
 wherein n_3 is 1.
7. The compound of any one of claims 1 to 6 of formula (I-C):

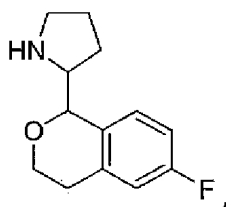


or a pharmaceutically acceptable salt thereof.

8. The compound of any one of claims 1 to 7, or a pharmaceutically acceptable salt thereof, wherein n_1 is 2; or n_1 is 3.
- 5 9. The compound of any one of claims 1 to 8, or a pharmaceutically acceptable salt thereof, wherein the 5- or 6- membered heteroaryl has at least 1 nitrogen ring atom and is unsubstituted or substituted with 1 group selected from halo, -OH, -OCH₃, -OCF₃, -NH₂, -NH(CH₃), -N(CH₃)₂, -CH₃, ethyl, -CF₃, and -CN.
- 10 10. The compound of any one of claims 1 to 9 or a pharmaceutically acceptable salt thereof, wherein the heteroaryl is unsubstituted pyridyl, pyrimidinyl, pyrrolyl, pyrazolyl, isoxazolyl, imidazolyl, or oxazolyl; or wherein the heteroaryl is unsubstituted pyridyl or isoxazolyl.
11. The compound of any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, wherein two adjacent instances of R¹, R², R³, and R⁴ together form -O-CH₂-O-, -O-CH(CH₃)-O-, or -O-C(CH₃)₂-O-; or wherein two adjacent instances of R¹, R², R³, and R⁴ together form -O-CH₂-O-.
12. The compound of any one of claims 1 to 11, or a pharmaceutically acceptable salt thereof, wherein R^a is -H.
13. The compound of any one of claims 1 to 12, or a pharmaceutically acceptable salt thereof, wherein R is -H.
- 20 14. The compound of any one of claims 1 to 13, or a pharmaceutically acceptable salt thereof, wherein each instance of R⁵ is -F or -CH₃.
15. The compound of any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein each instance of R⁶ is -F or -CH₃ or wherein each instance of R⁶ is -CH₃.
- 25 16. The compound of any one of claims 1 to 15, or a pharmaceutically acceptable salt thereof, wherein m is 0, or wherein w is 0, or wherein m is 0 and w is 0.

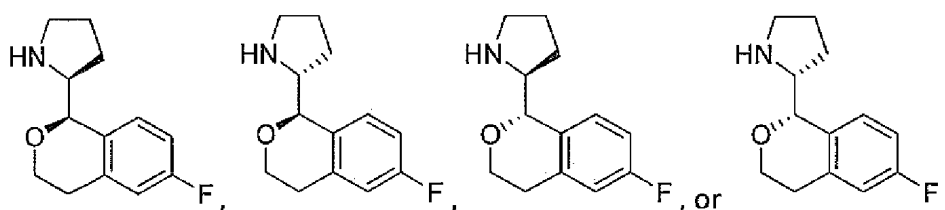
17. The compound of any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, wherein R^1 , R^2 , R^3 , and R^4 are independently -H, halo, C_1 - C_3 alkyl, -OR⁷ or -CN; or wherein R^1 , R^2 , R^3 , and R^4 are independently -H, -F, -CH₃, -OCH₃, or -CN.

18. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:



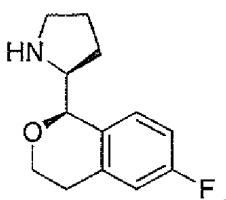
or a pharmaceutically acceptable salt thereof.

19. The compound of claim 1 or 18, or a pharmaceutically acceptable salt thereof, selected from,

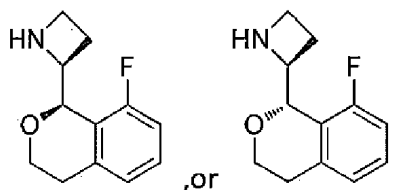


or a mixture of two or more thereof.

20. The compound of claim 1 or 19, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:

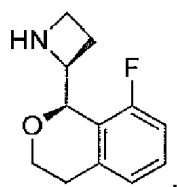


21. The compound of claim 1, or a pharmaceutically acceptable salt thereof, selected from,

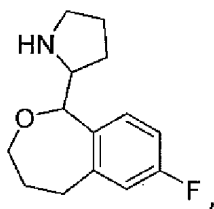


or a mixture of two thereof.

22. The compound of claim 1 or 21, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:

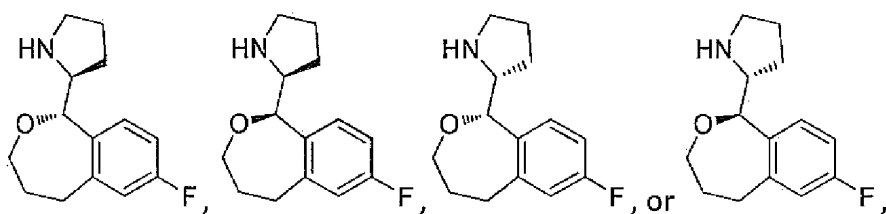


23. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:



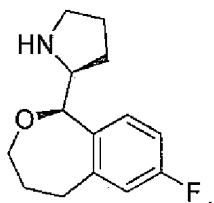
or a pharmaceutically acceptable salt thereof.

24. The compound of claim 1 or 23, or a pharmaceutically acceptable salt thereof, selected from:

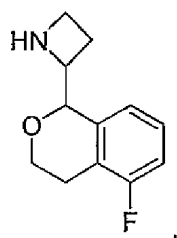


or a mixture of two or more thereof.

25. The compound of claim 1 or 24, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:

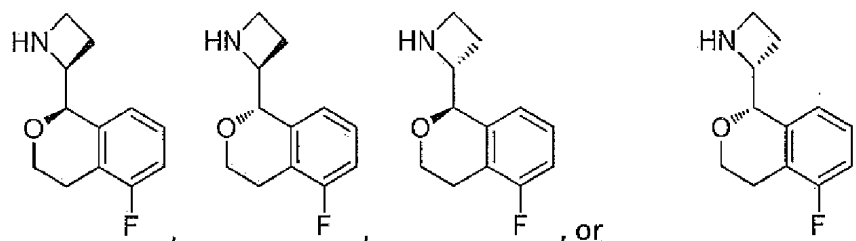


26. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:



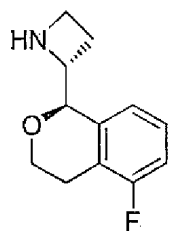
or a pharmaceutically acceptable salt thereof.

27. The compound of claim 1 or 26, or a pharmaceutically acceptable salt thereof, selected from,



or a mixture of two or more thereof.

28. The compound of claim 1 or 27, or a pharmaceutically acceptable salt thereof, wherein said compound is of formula:



29. A compound selected from those depicted in Table 1, or a pharmaceutically acceptable salt thereof

Table 1

I-1	I-2
I-3	I-4

Table 1

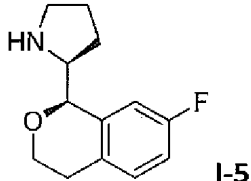
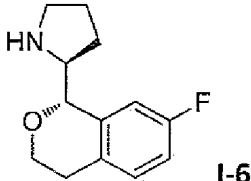
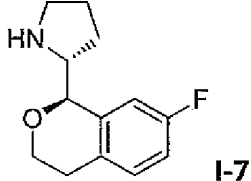
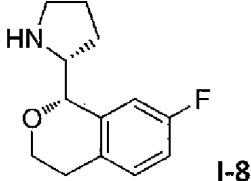
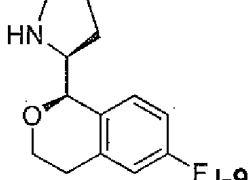
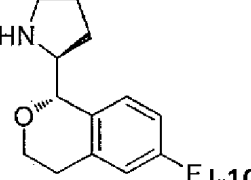
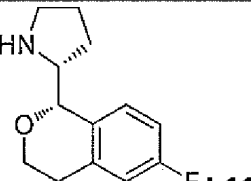
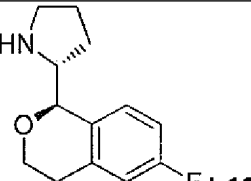
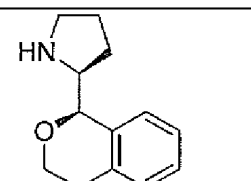
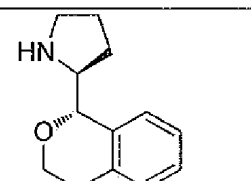
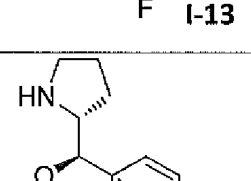
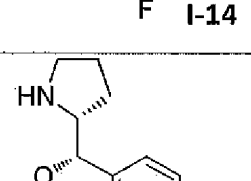
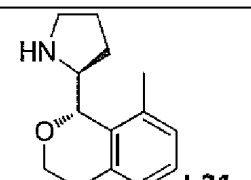
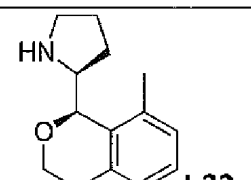
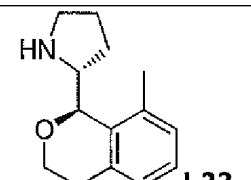
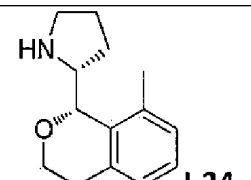
 I-5	 I-6
 I-7	 I-8
 I-9	 I-10
 I-11	 I-12
 I-13	 I-14
 I-15	 I-16
 I-21	 I-22
 I-23	 I-24

Table 1

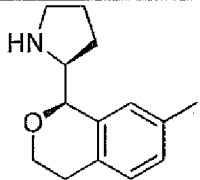
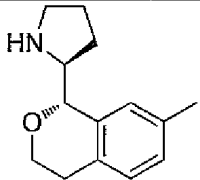
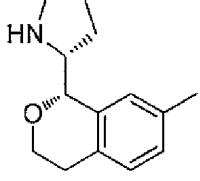
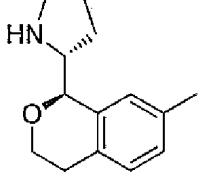
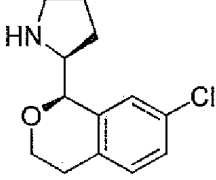
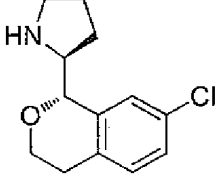
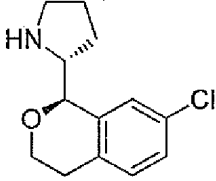
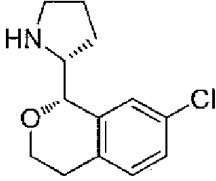
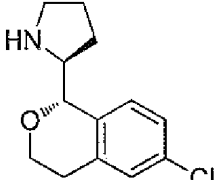
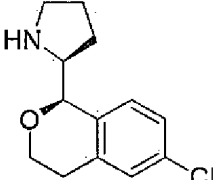
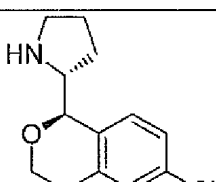
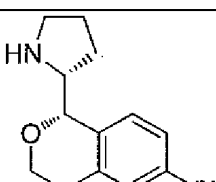
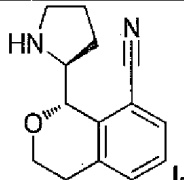
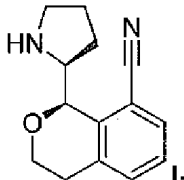
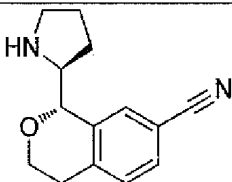
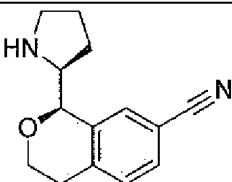
 I-25	 I-26
 I-27	 I-28
 I-29	 I-30
 I-31	 I-32
 I-33	 I-34
 I-35	 I-36
 I-37	 I-38
 I-39	 I-40

Table 1

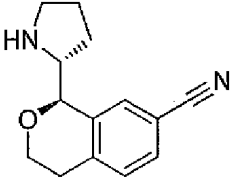
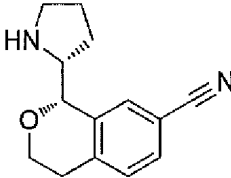
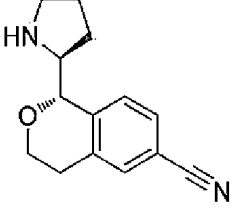
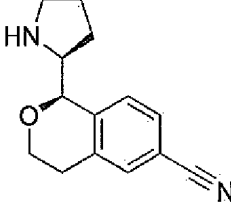
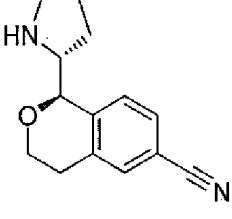
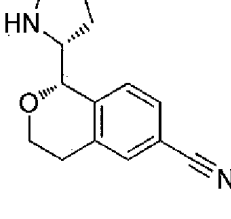
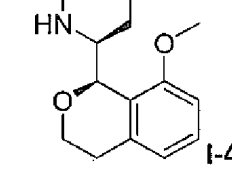
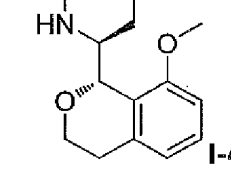
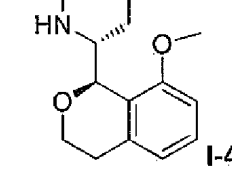
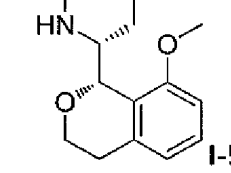
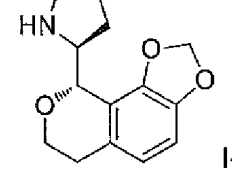
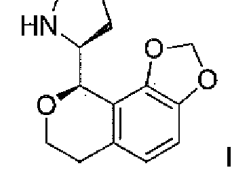
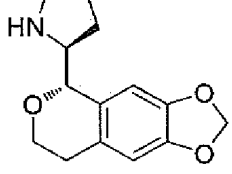
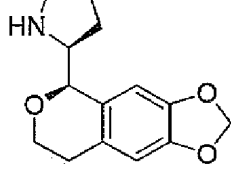
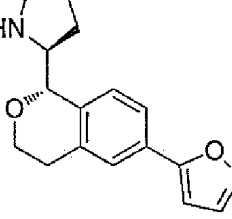
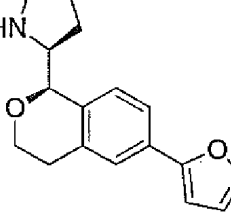
 I-41	 I-42
 I-43	 I-44
 I-45	 I-46
 I-47	 I-48
 I-49	 I-50
 I-51	 I-52
 I-53	 I-54
 I-55	 I-56

Table 1

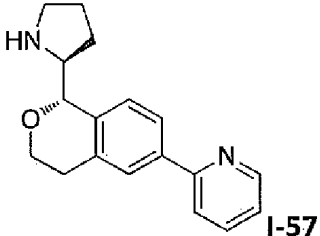
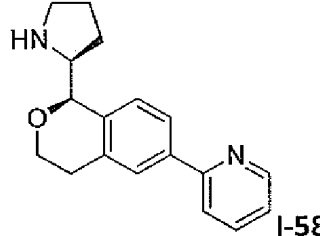
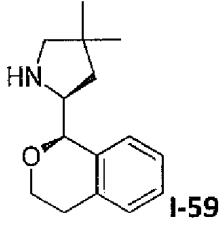
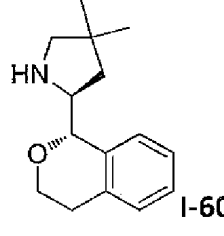
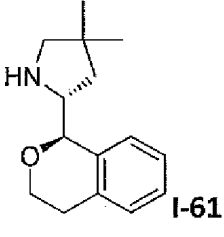
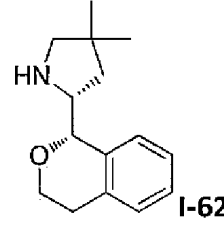
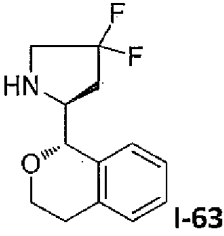
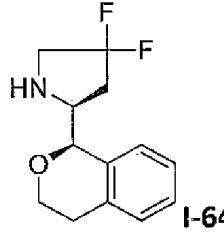
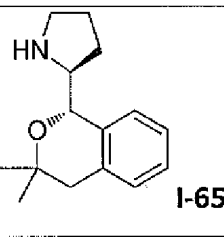
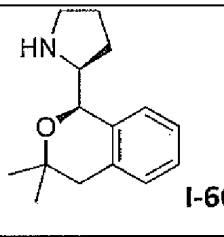
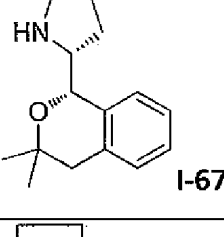
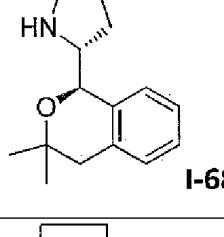
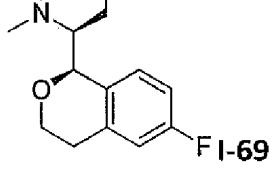
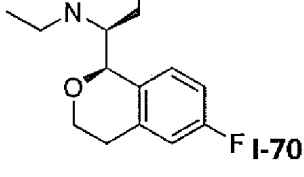
 I-57	 I-58
 I-59	 I-60
 I-61	 I-62
 I-63	 I-64
 I-65	 I-66
 I-67	 I-68
 F I-69	 F I-70

Table 1

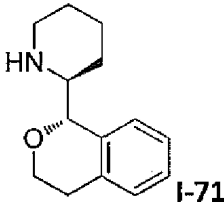
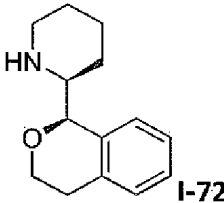
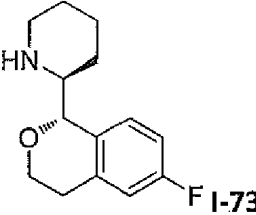
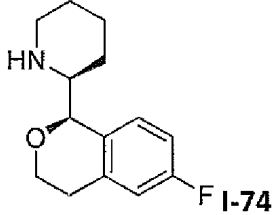
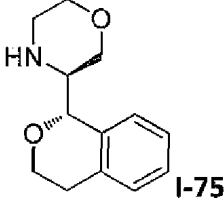
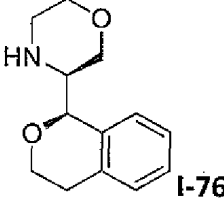
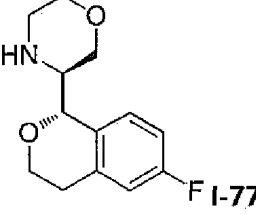
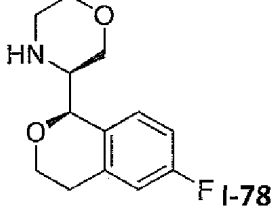
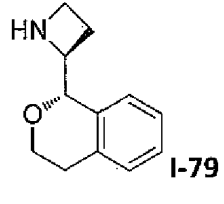
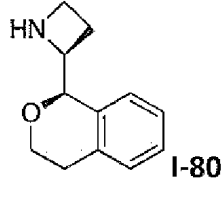
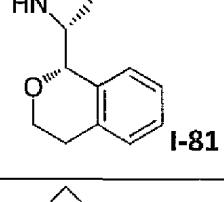
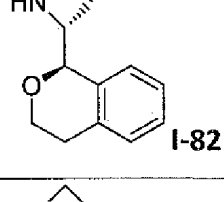
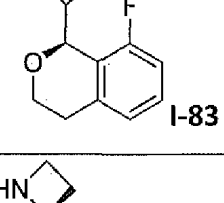
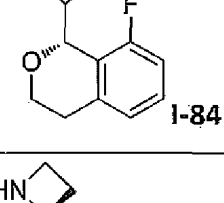
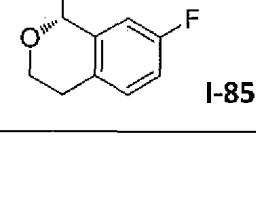
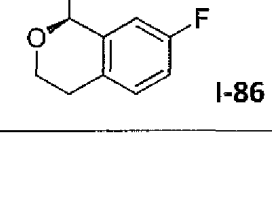
 I-71	 I-72
 I-73	 I-74
 I-75	 I-76
 I-77	 I-78
 I-79	 I-80
 I-81	 I-82
 I-83	 I-84
 I-85	 I-86

Table 1

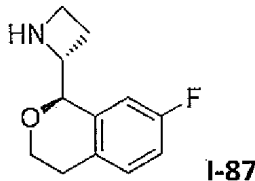
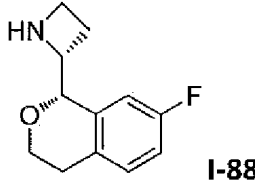
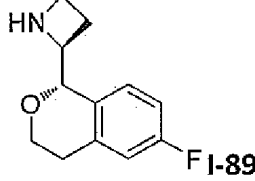
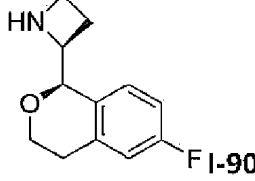
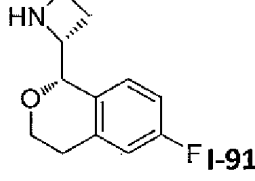
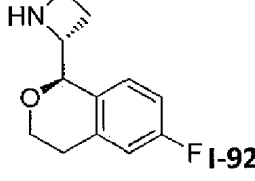
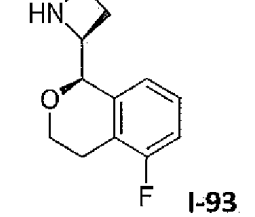
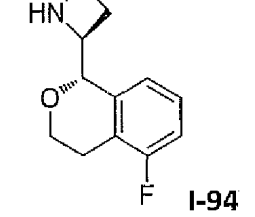
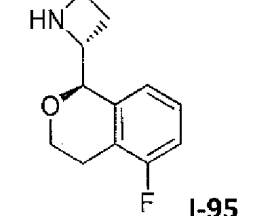
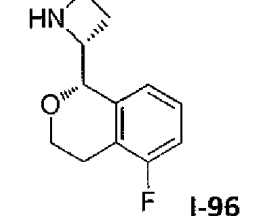
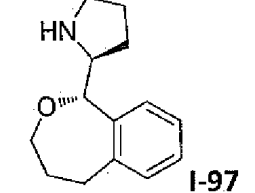
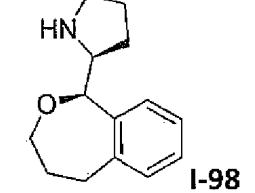
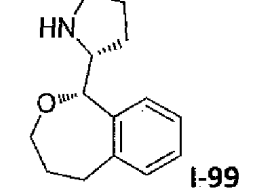
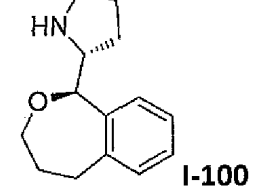
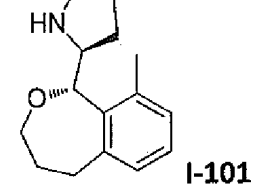
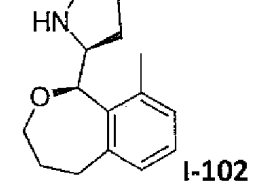
 I-87	 I-88
 I-89	 I-90
 I-91	 I-92
 I-93	 I-94
 I-95	 I-96
 I-97	 I-98
 I-99	 I-100
 I-101	 I-102

Table 1

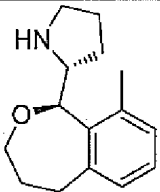
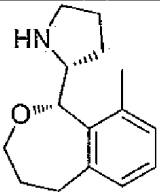
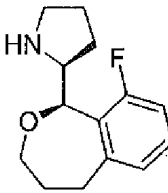
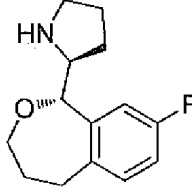
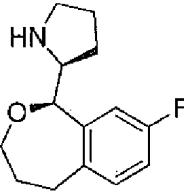
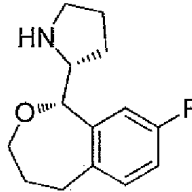
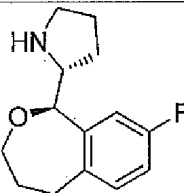
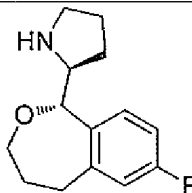
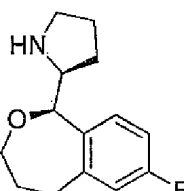
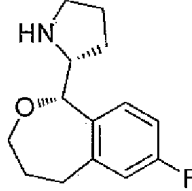
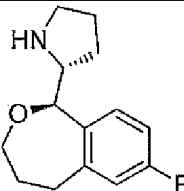
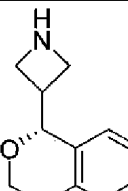
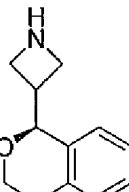
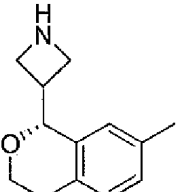
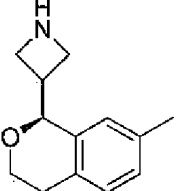
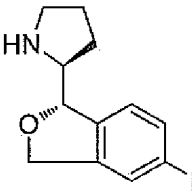
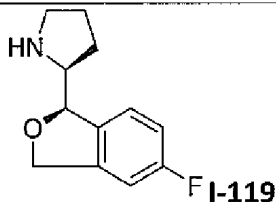
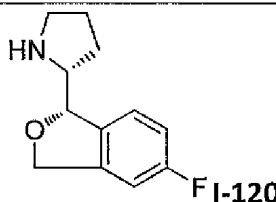
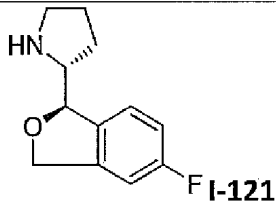
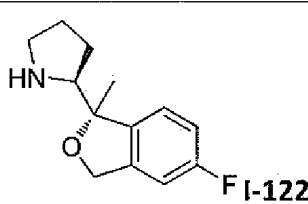
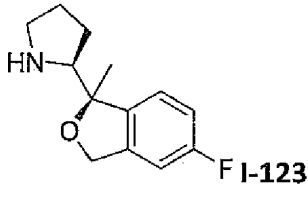
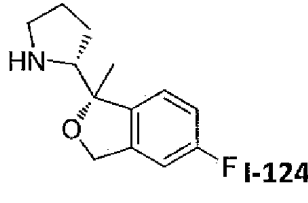
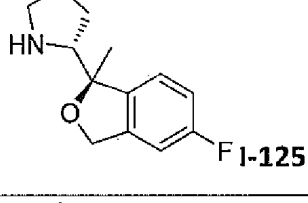
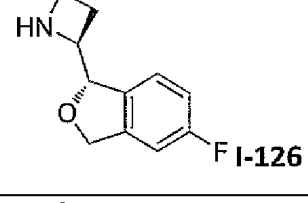
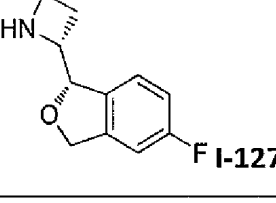
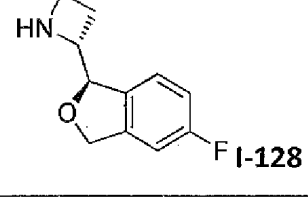
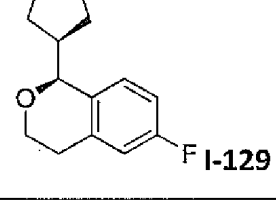
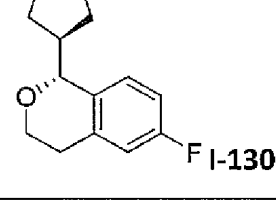
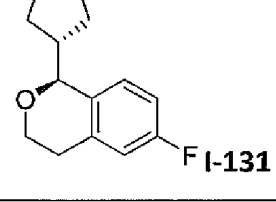
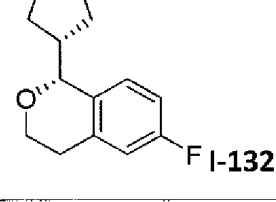
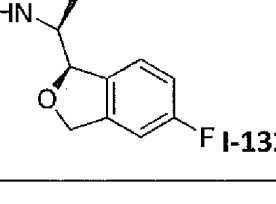
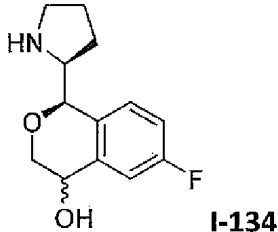
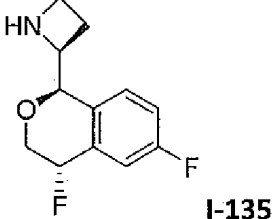
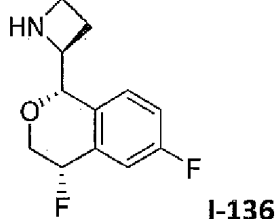
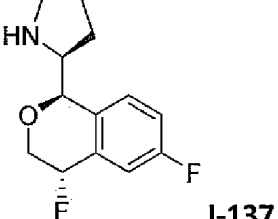
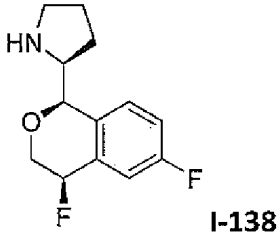
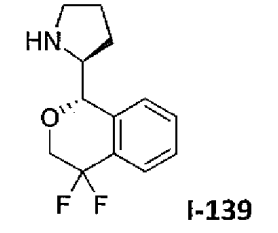
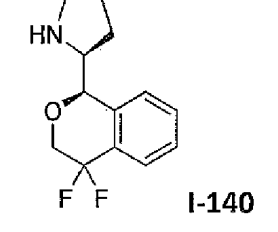
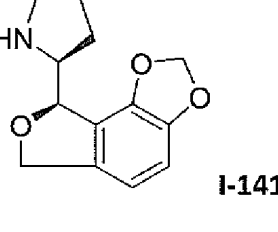
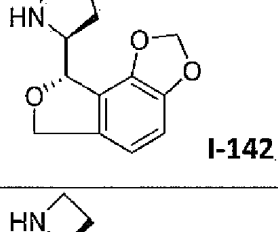
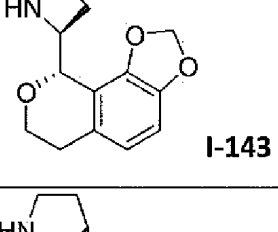
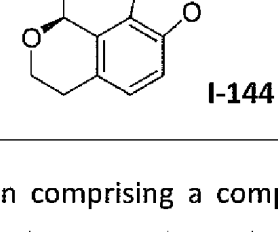
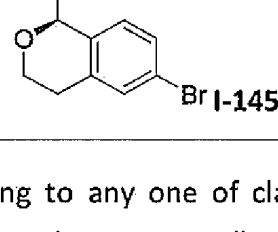
 I-103	 I-104
 I-105	 I-106
 I-107	 I-108
 I-109	 I-110
 I-111	 I-112
 I-113	 I-114
 I-115	 I-116
 I-117	 I-118

Table 1

 I-119	 I-120
 I-121	 I-122
 I-123	 I-124
 I-125	 I-126
 I-127	 I-128
 I-129	 I-130
 I-131	 I-132
 I-133	

 I-134	 I-135
 I-136	 I-137
 I-138	 I-139
 I-140	 I-141
 I-142	 I-143
 I-144	 I-145

30. A composition comprising a compound according to any one of claims 1 to 29, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier, adjuvant, or vehicle.
31. The composition according to claim 30, wherein said composition is a pharmaceutically acceptable composition.
32. Use of the compound according to any one of claims 1 to 29 in the manufacture of a medicament for treating a neurological or psychiatric disorder in a patient.

33. The use according to claim 32, wherein the neurological or psychiatric disorder is major depression, schizophrenia, bipolar disorder, obsessive compulsive disorder (OCD), panic disorder, or posttraumatic stress disorder (PTSD); or wherein the neurological or psychiatric disorder is bipolar disorder, mania, psychosis, or schizophrenia.
- 5 34. The use according to claim 33, wherein the neurological or psychiatric disorder is bipolar disorder.