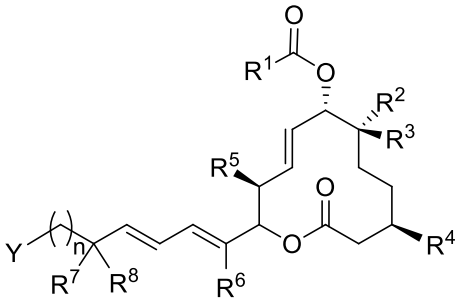
**We Claim:**

1. A compound chosen from compounds of Formula I:



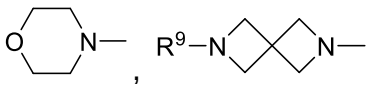
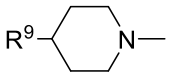
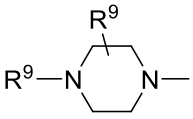
I

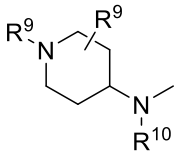
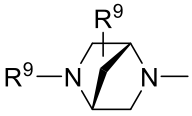
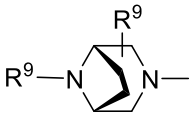
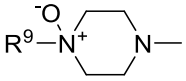
and pharmaceutically acceptable salts thereof,

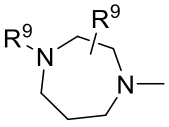
wherein:

n is chosen from 0, 1, 2 or 3;

$R^1$ is chosen from $C_1$-$C_6$ alkyl groups, $C_3$-$C_8$ cycloalkyl groups, $–NR^9R^{10}$,

,  groups,  groups,  groups,

 groups,  groups,  groups, 

groups, and  groups;

$R^9$ is chosen from hydrogen, $–NR^{11}R^{12}$ groups, $C_1$-$C_6$ alkyl groups, -($C_1$-$C_6$ alkyl)-$CO_2H$ groups, $C_3$-$C_8$ cycloalkyl groups, and $C_3$-$C_8$ heterocyclyl groups, wherein the $–NR^{11}R^{12}$ groups, $C_1$-$C_6$ alkyl groups, $C_3$-$C_8$ cycloalkyl groups, and $C_3$-$C_8$ heterocyclyl groups may be unsubstituted or substituted from 1-3 times with a group independently chosen from $C_1$-$C_6$ alkyl groups, -($C_1$-$C_6$ alkyl)-$CO_2H$ groups, hydroxy, halogen groups, and $C_1$-$C_6$ alkoxy groups;

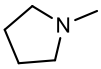
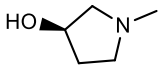
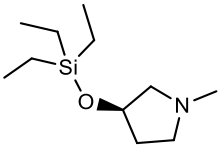
$R^{10}$ is chosen from hydrogen and $C_1$-$C_6$ alkyl groups;

one of either $R^2$ or $R^3$ is chosen from hydrogen and $C_1$-$C_6$ alkyl groups, and the other is chosen from hydrogen, -$OR^{10}$, -$OC(O)R^{10}$, -$OC(O)R^1$, and $C_1$-$C_6$ alkyl groups;

$R^4$ is chosen from hydrogen and hydroxy;

$R^5$ and $R^6$ are each independently chosen from $C_1$-$C_6$ alkyl groups;

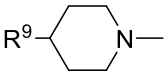
$R^7$ and $R^8$ are each independently chosen from hydrogen, hydroxy, $C_1$-$C_6$ alkoxy groups, and $C_1$-$C_6$ alkyl groups; and

Y is chosen from phenyl, thiophenyl, triazolyl, pyridinyl, pyrimidinyl, pyridazinyl, and pyrazinyl, wherein Y may be unsubstituted or substituted from 1-3 times with groups independently chosen from oxo groups, $C_1$-$C_6$ alkyl groups, $C_3$-$C_5$ cycloalkyl groups, hydroxy $C_1$-$C_6$ alkyl groups, $C_1$-$C_6$ alkoxy groups, methoxy $C_1$-$C_6$ alkyl groups, $-NR^{11}R^{12}$ groups, , , and , wherein $R^{11}$ and $R^{12}$ are each independently chosen from hydrogen and $C_1$-$C_6$ alkyl groups

wherein if

n is 0,

Y is ,

$R^1$ is a  group,

$R^2$ is $OR^{10}$ and $R^{10}$ is hydrogen,

$R^3$ is methyl,

$R^4$ is hydroxy,

$R^5$ and $R^6$ are each methyl,

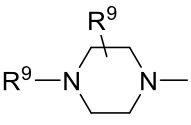
one of $R^7$ and $R^8$ is hydrogen and the other is methyl,

then $R^9$ is not piperidinyl or azepanyl; and

wherein if

n is 0,

Y is ,

$R^1$ is a  group,

$R^2$ is $OR^{10}$ and $R^{10}$ is hydrogen,

$R^3$ is methyl,

$R^4$ is hydroxy,

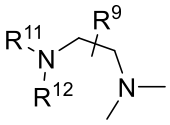
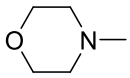
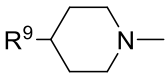
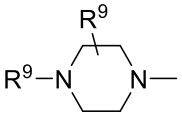
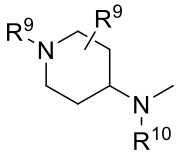
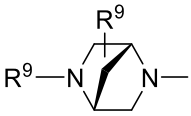
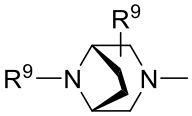
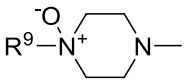
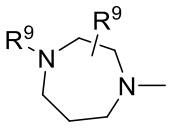
$R^5$ and $R^6$ are each methyl,

one of $R^7$ and $R^8$ is hydrogen and the other is methyl,

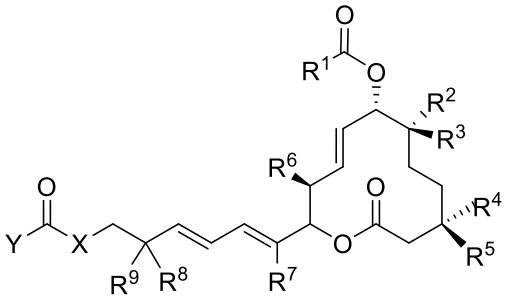
then $R^9$ is not methyl or $C_7$ cycloalkyl.

2. The compound of claim 1, wherein Y is .

3. The compound of claim 1, wherein Y is optionally substituted phenyl.

4. The compound of claim 1, wherein $R^1$ is chosen from methyl, , ,  groups,  groups,  groups,  groups,  groups,  groups,  groups, and  groups.

~~5. A compound chosen from compounds of Formula II:~~

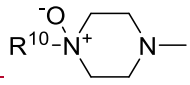
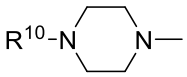


~~II~~

~~and pharmaceutically acceptable salts thereof,~~

wherein:

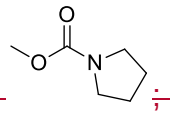
X is chosen from O, NR' groups, and $CH_2$, wherein R' is chosen from hydrogen and $C_1$-$C_6$ alkyl groups;

$R^1$ is chosen from methyl, $-NR^{11}R^{12}$ groups,  groups, and  groups,

$R^{10}$ is chosen from $C_1$-$C_6$ alkyl groups, $C_3$-$C_8$ cycloalkyl groups, and halo $C_1$-$C_6$ alkyl groups, wherein the $C_3$-$C_8$ cycloalkyl groups may be unsubstituted or substituted from 1-3 times with a group independently chosen from $C_1$-$C_6$ alkyl groups, hydroxy, halogen groups, and $C_1$-$C_6$ alkoxy groups;

$R^{11}$ and $R^{12}$ are each independently chosen from $C_1$-$C_6$ alkyl groups;

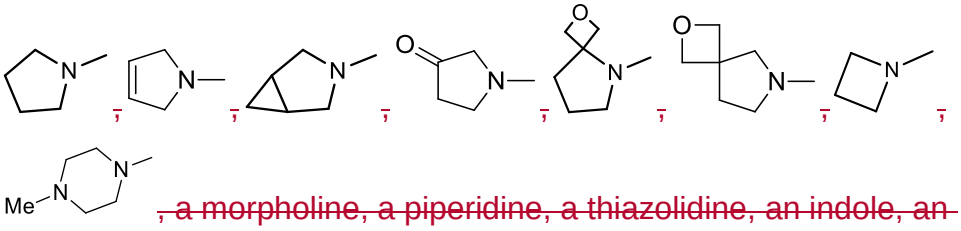
one of either $R^2$ or $R^3$ is chosen from hydrogen and $C_1$-$C_6$ alkyl groups, and the other is chosen from hydrogen, hydroxy and $C_1$-$C_6$ alkyl groups;

one of either $R^4$ or $R^5$ is hydrogen, and the other is chosen from hydrogen, hydroxy, and ;

$R^6$ and $R^7$ are each independently chosen from $C_1$-$C_6$ alkyl groups;

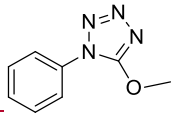
$R^8$ and $R^9$ are each independently chosen from hydrogen and $C_1$-$C_6$ alkyl groups; or $R^8$ and $R^9$ are taken together to form a cyclopropyl ring; and

Y is chosen from $C_1$-$C_6$ alkyl groups, $C_3$-$C_8$ cycloalkyl groups, methoxy, and $-NR^{13}R^{14}$ groups, wherein $R^{13}$ and $R^{14}$ are each independently chosen from hydrogen, $C_1$-$C_6$ alkyl groups, and methoxy $C_1$-$C_6$ alkyl groups; or $R^{13}$ and $R^{14}$ may be taken together with the N to form a group chosen from

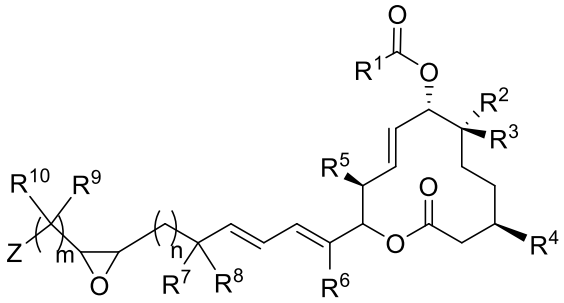


, a morpholine, a piperidine, a thiazolidine, an indole, an indoline, and an isoindoline ring;

wherein Y may be unsubstituted or substituted from 1-3 times with a group

independently chosen from $C_1$-$C_6$ alkyl groups, hydroxy, hydroxy $C_1$-$C_6$ alkyl groups, methoxy, methoxy $C_1$-$C_6$ alkyl groups, halo, halo $C_1$-$C_6$ alkyl groups, –C(O)$NH_2$, –NHCOO-$C_1$-$C_6$ alkyl groups, –COOH,  , and –$NR^{15}R^{16}$ groups, wherein $R^{15}$ and $R^{16}$ are each independently chosen from hydrogen and $C_1$-$C_6$ alkyl groups.

6. A compound chosen from compounds of Formula III:



III

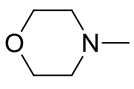
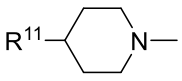
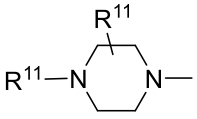
and pharmaceutically acceptable salts thereof,

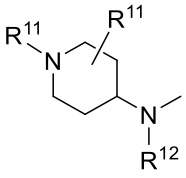
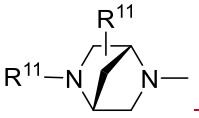
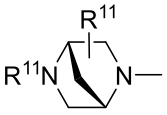
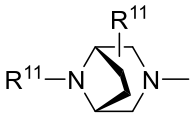
wherein:

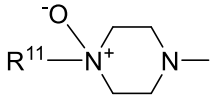
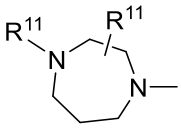
n is chosen from 0, 1 and 2;

m is chosen from 1, 2, and 3;

$R^1$ is chosen from $C_1$-$C_6$ alkyl groups, $C_3$-$C_8$ cycloalkyl groups, –$NR^{11}R^{12}$ groups,

 ,  groups,  groups,  groups,

 groups,  groups,  groups,  groups,

 groups, and  groups,

$R^{11}$ is chosen from hydrogen, –$NR^{16}R^{17}$ groups, $C_1$-$C_6$ alkyl groups, -($C_1$-$C_6$ alkyl)-$CO_2$H groups, -($C_1$-$C_6$ alkyl)-$CO_2R^{12}$ groups, -($C_1$-$C_6$ alkyl)-$NR^{16}R^{17}$-

groups, $C_3$-$C_8$ cycloalkyl groups, and $C_3$-$C_8$ heterocyclyl groups, wherein the $-NR^{11}R^{12}$ groups, $C_1$-$C_6$ alkyl groups, $C_3$-$C_8$ cycloalkyl groups and $C_3$-$C_8$ heterocyclyl groups may be unsubstituted or substituted from 1-3 times with a group independently chosen from $C_1$-$C_6$ alkyl groups, -($C_1$-$C_6$ alkyl)-$CO_2H$ groups, hydroxy, halogen groups, and $C_1$-$C_6$ alkoxy groups;

$R^{12}$ is chosen from hydrogen and $C_1$-$C_6$ alkyl groups;

one of either $R^2$ or $R^3$ is chosen from hydrogen and $C_1$-$C_6$ alkyl groups, and the other is chosen from hydrogen, $-OR^{10}$, $-OC(O)R^{10}$, $-OC(O)R^1$, and $C_1$-$C_6$ alkyl groups;

$R^4$ is hydrogen or hydroxy;

$R^5$ and $R^6$ are each independently chosen from $C_1$-$C_6$ alkyl groups;

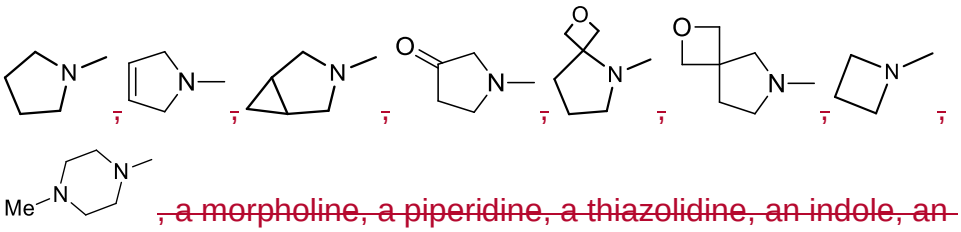
$R_7$ and $R_8$ are each independently chosen from hydrogen, hydroxy, $C_1$-$C_6$ alkoxy groups, and $C_1$-$C_6$ alkyl groups; and

$R^9$ and $R^{10}$ are each independently chosen from hydrogen, $C_1$-$C_6$ alkyl groups, hydroxy, and $C_1$-$C_6$ alkoxy groups; or, one of $R^9$ or $R^{10}$ is oxo and the other is absent;

Z is chosen from $C_1$-$C_6$ alkyl groups, -C(O)-$C_1$-$C_6$ alkyl groups, $-OR^{13}$, and $-NR^{14}R^{15}$ groups,

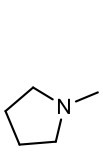
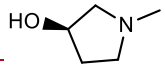
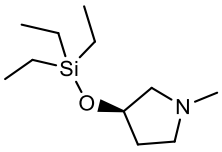
wherein $R^{13}$ is chosen from hydrogen, $C_1$-$C_6$ alkyl groups, and -C(O)-$C_1$-$C_6$ alkyl groups,

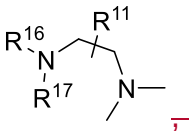
wherein $R^{14}$ and $R^{15}$ are each independently chosen from hydrogen, $C_1$-$C_6$ alkyl groups, and methoxy $C_1$-$C_6$ alkyl groups; or $R^{14}$ and $R^{15}$ may be taken together with the N to form a group chosen from

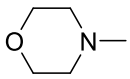
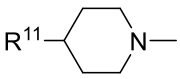
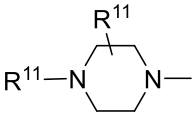


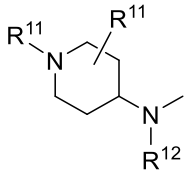
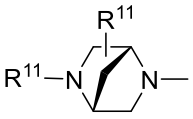
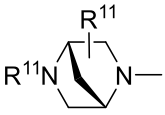
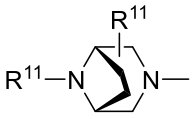
, a morpholine, a piperidine, a thiazolidine, an indole, an indoline, and an isoindoline ring;

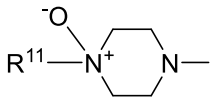
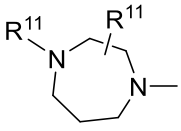
wherein Z may be unsubstituted or substituted from 1-3 times with a group independently chosen from $C_1$-$C_6$ alkyl groups, $C_3$-$C_5$ cycloalkyl groups, hydroxy $C_1$-$C_6$ alkyl groups, $C_1$-$C_6$ alkoxy groups, methoxy $C_1$-$C_6$ alkyl groups, $-NR^{16}R^{17}$ groups,

~~ ,  , and  , wherein $R^{16}$ and $R^{17}$ are each independently chosen from hydrogen and $C_1$-$C_6$ alkyl groups.~~

~~7. The compound of claim 6, wherein $R^1$ is chosen from methyl,  ,~~

~~ ,  groups,  groups,  groups,~~

~~ groups,  groups,  groups,  groups,~~

~~ groups, and  groups.~~

~~8~~5. A compound chosen from:

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-9-oxo-9-pyrrolidin-1-ylnona-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6S)-7-[[(2R,3R)-3-hydroxypentan-2-yl]carbamoyloxy]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-7-(propylcarbamoyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-7-[methyl(propyl)carbamoyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;~~

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] pyrrolidine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-7-[methyl(propyl)carbamoyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptyl-4-oxidopiperazin-4-ium-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(dimethylcarbamoyloxy)-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6S)-7-(diethylcarbamoyloxy)-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-7-[methyl(propan-2-yl)carbamoyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6S)-7-[butyl(methyl)carbamoyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6S)-7-[butan-2-yl(methyl)carbamoyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-carbamoyloxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (2R)-2-(methoxymethyl)pyrrolidine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6S)-7-[2-methoxyethyl(methyl)carbamoyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;
[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] azetidine-1-carboxylate;
[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (2S)-2-methylpyrrolidine-1-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (2S)-2-methylpyrrolidine-1-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] piperidine-1-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (2R)-2-(hydroxymethyl)pyrrolidine-1-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (3R)-3-hydroxypyrrolidine-1-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] morpholine-4-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] 4-methylpiperazine-1-carboxylate;

3-thiazolidinecarboxylic acid [(2R,3E,5E)-6-[(2R,3S,4E,6R,7R,10R)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] ester;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-6-(4-methylpiperazine-1-carbonyl)oxy-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] 1,3-dihydroisoindole-2-carboxylate;

~~[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-6-(4-methylpiperazine-1-carbonyl)oxy-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] indole-1-carboxylate;~~
~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6S)-7-[2-(1-hydroxyethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(2,2-dimethylpyrrolidine-1-carbonyl)oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(2S,5S)-2,5-dimethylpyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-6-(4-methylpiperazine-1-carbonyl)oxy-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] 2,3-dihydroindole-1-carboxylate;~~
~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(3R)-3-fluoropyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(2R)-2-(fluoromethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-6-(4-methylpiperazine-1-carbonyl)oxy-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] 2-oxa-5-azaspiro[3.4]octane-5-carboxylate;~~
~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;~~
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E)-6-[6-[(2R)-1-hydroxypropan-2-yl]pyridin-2-yl]hepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E)-6-[2-(dimethylamino)pyrimidin-4-yl]hepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridazin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyrimidin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2R,3R,4E,6S,7R,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6R)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-propan-2-ylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-tert-butylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cyclopentylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-(oxan-4-yl)piperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 6-cycloheptyl-2,6-diazaspiro[3.3]heptane-2-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptyl-3-methylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cyclobutylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] N-methyl-N-(1-methylpiperidin-4-yl)carbamate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] morpholine-4-carboxylate;
[(2R,3R,4E,6S,7R,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6R)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] (1S,4R)-5-methyl-2,5-diazabicyclo[2.2.1]heptane-2-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 8-cycloheptyl-3,8-diazabicyclo[3.2.1]octane-3-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methyl-1,4-diazepane-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cyclohexylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] piperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptyl-1,4-diazepane-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-hydroxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-(azepan-1-yl)piperidine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-(8,8-difluoro-3-azabicyclo[3.2.1]octan-3-yl)piperidine-1-carboxylate;
~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-9-oxo-9-pyrrolidin-1-ylnona-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6S)-6-methyl-7-[methyl(propyl)carbamoyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10R)-7-hydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-10-(pyrrolidine-1-carbonyloxy)-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-[(2S)-2-methylpyrrolidine-1-carbonyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-[(3R)-3-methylpyrrolidine-1-carbonyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-[(3R)-3-methylpyrrolidine-1-carbonyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(2R)-2-carbamoylpyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6S)-7-[(2R)-2-(methoxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(2S,5S)-2,5-dimethylpyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(3R)-3-fluoropyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(3R)-3-fluoropyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(2,2-dimethylpyrrolidine-1-carbonyl)oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6R,7R,10R)-2-[(2E,4E)-6,6-dimethyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6R,7R,10S)-2-[(2E,4E)-6,6-dimethyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-7-hydroxy-3,7-dimethyl-12-oxo-10-(pyrrolidine-1-carbonyloxy)-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
(2R)-1-[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-(4-cycloheptylpiperazine-1-carbonyl)oxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienoxy]carbonylpyrrolidine-2-carboxylic acid;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(3-oxopyrrolidine-1-carbonyl)oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-(4-cycloheptylpiperazine-1-carbonyl)oxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] 2-oxa-7-azaspiro[3.4]octane-7-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

~~[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-5-[1-(pyrrolidine-1-carbonyloxymethyl)cyclopropyl]penta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(3S,4R)-3,4-dihydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~(3S)-1-[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-(4-cycloheptylpiperazine-1-carbonyl)oxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienoxy]carbonylpyrrolidine-3-carboxylic acid;~~

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(3S)-3-(dimethylamino)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(2,5-dihydropyrrole-1-carbonyloxy)-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-[(2R)-2-(fluoromethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-[(3S)-3-[(2-methylpropan-2-yl)oxycarbonylamino]pyrrolidine-1-carbonyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2R,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-(4-cycloheptylpiperazine-1-carbonyl)oxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] 3-azabicyclo[3.1.0]hexane-3-carboxylate;~~

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-2-ylhexa-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-(2-pyrrolidin-1-ylpyrimidin-4-yl)hepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyrazin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E)-6-[2-(dimethylamino)pyrimidin-4-yl]hepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-(3-methylpyridin-2-yl)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-(4-methylpyridin-2-yl)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyrimidin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridazin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyrimidin-4-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyrimidin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyrimidin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-(4-methylpyrimidin-2-yl)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-(6-pyrrolidin-1-ylpyridin-2-yl)hepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-2-[(2E,4E,6R)-7-[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R,7R,10S)-2-[(2E,4E,6R)-7-[(2R)-2-(fluoromethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-10-hydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R,7R,10S)-2-[(2E,4E,6R)-7-[(2R)-2-(fluoromethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-10-hydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

[(2S,3S,4E,6R,7R,10S)-10-hydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;
[(2S,3S,4E,6R,7R,10S)-10-hydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;
[(2S,3S,4E,6R,7R,10S)-10-hydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;
[(2S,3S,4E,6R,7R,10S)-10-hydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] N,N-dimethylcarbamate;
~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;~~
~~[(2S,3S,4E,6R)-3-methyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~
~~[(2S,3S,4E,6R)-3-methyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2R,3E,5E)-6-[(2S,3S,4E,6R)-6-(dimethylcarbamoyloxy)-3-methyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] pyrrolidine-1-carboxylate;~~
~~[(2R,3E,5E)-6-[(2S,3S,4E,6R)-6-(dimethylcarbamoyloxy)-3-methyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (3R)-3-hydroxypyrrolidine-1-carboxylate;~~
~~[(2S,3S,4E,6R)-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2S,3S,4E,6R)-3-methyl-2-[(2E,4E,6R)-6-methyl-7-[(2S)-2-methylpyrrolidine-1-carbonyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~
~~[(2S,3S,4E,6R)-2-[(2E,4E,6R)-7-[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R)-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R)-2-[(2E,4E,6R)-7-[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-(2,2,2-trifluoroethyl)piperazine-1-carboxylate;~~

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] N,N-dimethylcarbamate;

[(2S,3S,4E,6R)-2-[(2E,4E)-6-[2-(dimethylamino)pyrimidin-4-yl]hepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E)-6-(2-pyrrolidin-1-ylpyrimidin-4-yl)hepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E)-6-[2-[(3S)-3-triethylsilyloxypyrrolidin-1-yl]pyrimidin-4-yl]hepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6R)-2-[(2E,4E)-6-[2-[(3R)-3-hydroxypyrrolidin-1-yl]pyrimidin-4-yl]hepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6R)-3-methyl-12-oxo-2-[(2E,4E)-6-pyrimidin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

~~[(2S,3S,4E,6S,7S)-7-hydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S)-7-hydroxy-2-[(2E,4E,6R)-7-[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S)-7-hydroxy-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S)-7-hydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-[(3S)-3-(1-phenyltetrazol-5-yl)oxypyrrolidine-1-carbonyl]oxyhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S)-7-hydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonyloxy)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonylamino)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-[[(2R)-2-(hydroxymethyl)pyrrolidine-1-carbonyl]amino]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-(pyrrolidine-1-carbonylamino)hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E,6R)-6-methyl-7-[methyl(pyrrolidine-1-carbonyl)amino]hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(4-cyclopropyltriazol-1-yl)-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6S)-7-methoxycarbonyloxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-9-methoxy-6-methyl-9-oxonona-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(cyclopentanecarbonylamino)-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6R)-7-(cyclopentanecarbonylamino)-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~4-cycloheptyl-1-piperazinecarboxylic acid [(2R,3S,4E,6R,7R,10R)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-7-[oxo(1-pyrrolidinyl)methoxy]hepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] ester;~~

~~[(2S,3S,4E,6R,7R,10S)-10-hydroxy-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2S,3S,4E,6R)-2-[(2E,4E,6R)-7-[(3R)-3-hydroxypyrrolidine-1-carbonyl]oxy-6-methylhepta-2,4-dien-2-yl]-3-methyl-12-oxo-1-azacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

~~[(2R,3E,5E)-2-methyl-6-[(2S,3S,4E,6R)-3-methyl-6-[(4-methylpiperazine-1-carbonyl)amino]-12-oxo-1-oxacyclododec-4-en-2-yl]hepta-3,5-dienyl] pyrrolidine-1-carboxylate;~~

~~[(2S,3E,5E)-6-[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-2-yl]-2-methylhepta-3,5-dienyl] (2R,3R)-3-hydroxy-2-methylpentanoate;~~

~~[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E,6R)-7-hydroxy-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;~~

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-4-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-7-methyl-6-pyridin-2-ylocta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

~~[(2S,3S,4E,6S,7S,10S)-2-[(2E,4E,6S)-7-[(2R,3R)-3-[(2R,3R)-3-acetyloxypentan-2-yl]oxiran-2-yl]-6-hydroxy-6-methylhepta-2,4-dien-2-yl]-7,10-dihydroxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;~~

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-2-[(2E,4E)-6-hydroxy-6-methyl-8-phenylocta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-2-[(2E,4E)-6-hydroxy-6-phenylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-2-[(2E,4E)-6-hydroxy-6-thiophen-2-ylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-phenylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E)-6-(6-methoxypyridin-2-yl)hepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-[6-(2-methylpropoxy)pyridin-2-yl]hepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-methyl-8-pyridin-2-ylocta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-methyl-7-pyridin-2-ylhepta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-2-[(2E,4E,6R)-6-hydroxy-6-methyl-8-phenylocta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-2-ylhexa-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-3-ylhexa-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-4-ylhexa-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6R,7R,10R)-7,10-dihydroxy-2-[(2E,4E)-6-hydroxy-8-(4-hydroxyphenyl)-6-methylocta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-2-[(2E,4E)-6-methyl-8-phenylocta-2,4-dien-2-yl]-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E)-8-[2-(methoxymethyl)phenyl]-6-methylocta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E)-8-[4-(methoxymethyl)phenyl]-6-methylocta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-2-[(2E,4E)-8-[3-(methoxymethyl)phenyl]-6-methylocta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] acetate;

~~[(2S,3S,4E,6S,7S)-7-hydroxy-2-[(2E,4E,6S)-6-hydroxy-6-methyl-7-[(2R,3R)-3-[(2S)-3-oxopentan-2-yl]oxiran-2-yl]hepta-2,4-dien-2-yl]-3,7-dimethyl-10,12-dioxo-1-oxacyclododec-4-en-6-yl] acetate;~~

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6E,8S)-8-pyridin-2-ylnona-2,4,6-trien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-cycloheptylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-methyl-4-oxidopiperazin-4-ium-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-(4-fluoropiperidin-1-yl)piperidine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-7,10-dihydroxy-3,7-dimethyl-12-oxo-2-[(2E,4E)-6-pyridin-3-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-4-en-6-yl] 4-(4,4-difluoropiperidin-1-yl)piperidine-1-carboxylate;

(4S,7S,8S,9E,11S,12S)-4,7,8-trihydroxy-7,11-dimethyl-12-[(2E,4E,6S)-6-pyridin-2-ylhepta-2,4-dien-2-yl]-1-oxacyclododec-9-en-2-one;

~~[(2S,3S,4E,6S,7S,10S)-7-acetyloxy-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] piperazine-1-carboxylate;~~

~~(2S,3S,6S,7R,10R,E)-7-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl piperazine-1-carboxylate;~~

~~(2S,3S,6S,7R,10R,E)-7-acetoxy-10-hydroxy-2-((S,2E,4E)-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl piperazine-1-carboxylate;~~~~[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-7-yl] piperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7S,10S)-7-acetyloxy-10-hydroxy-2-[(2E,4E,6R)-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] piperazine-1-carboxylate;~~

~~[(2S,3S,4E,6S,7R,10R)-7-ethoxy-10-hydroxy-2-[(2E,4E,6R)-6-hydroxy-7-[(2R,3R)-3-[(2S,3S)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;~~

[(2S,3S,4E,6S,7S,10S)-6-acetyloxy-10-hydroxy-2-[(2E,4E,6R)-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-7-yl] piperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-10-hydroxy-2-[(2E,4E,6R)-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-7-methoxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] piperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-10-hydroxy-2-[(2E,4E,6R)-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-7-methoxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] 4-methylpiperazine-1-carboxylate;

[(2S,3S,4E,6S,7S,10S)-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-7-methoxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] N-methyl-N-[2-(methylamino)ethyl]carbamate;

[(2S,3S,4E,6S,7S,10S)-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-7-methoxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl] N-methyl-N-[2-(dimethylamino)ethyl]carbamate;

3-[4-[[(2S,3S,4E,6S,7S,10S)-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-7-methoxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl]oxycarbonyl]piperazin-2-yl]propanoic acid;

4-[4-[[(2S,3S,4E,6S,7S,10S)-10-hydroxy-2-[(2E,4E,6S)-6-hydroxy-7-[(2R,3R)-3-[(2R,3R)-3-hydroxypentan-2-yl]oxiran-2-yl]-6-methylhepta-2,4-dien-2-yl]-7-methoxy-3,7-dimethyl-12-oxo-1-oxacyclododec-4-en-6-yl]oxycarbonyl]piperazin-1-yl]butanoic acid;

(2S,3S,6S,7R,10R,E)-7-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl (1S,4S)-2,5-diazabicyclo[2.2.1]heptane-2-carboxylate;

(2S,3S,6S,7R,10R,E)-6-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-7-yl 2,5-diazabicyclo[2.2.1]heptane-2-carboxylate;

(2S,3S,6S,7R,10R,E)-7-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl 4-propylpiperazine-1-carboxylate;

~~(2R,3S,6S,7R,10R,E)-6-acetoxy-10-hydroxy-2-((2S,6R,E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhept-4-en-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-7-yl 4-(2-hydroxyethyl)piperazine-1-carboxylate;~~
~~(2S,3S,6S,7R,10R,E)-6-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-7-yl 4-methylpiperazine-1-carboxylate;~~
~~(2S,3S,6S,7R,10R,E)-7-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl 4-(2-aminoethyl)piperazine-1-carboxylate;~~
~~(2S,3S,6S,7R,10R,E)-7-acetoxy-10-hydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl 4-(2-ethoxy-2-oxoethyl)piperazine-1-carboxylate;~~
~~(2S,3S,6S,7R,10R,E)-7,10-dihydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl 4-methylpiperazine-1-carboxylate;~~
~~(2S,3S,6S,7R,10R,E)-7,10-dihydroxy-2-((R,2E,4E)-6-hydroxy-7-((2R,3R)-3-((2R,3S)-3-hydroxypentan-2-yl)oxiran-2-yl)-6-methylhepta-2,4-dien-2-yl)-3,7-dimethyl-12-oxooxacyclododec-4-en-6-yl piperazine-1-carboxylate;~~
and pharmaceutically acceptable salts thereof.

~~9~~6. The compound of any one of claims 1-~~8~~5, wherein said compound is stereomerically pure.

~~10~~7. A pharmaceutical composition comprising a compound and/or pharmaceutically acceptable salt according to any one of claims 1-~~9~~6.

~~11~~8. The pharmaceutical composition of claim ~~10~~7, wherein said composition is formulated for intravenous, oral, subcutaneous, or intramuscular administration.

~~12~~9. A substance for treating cancer in a subject in need thereof, the substance comprising a therapeutically effective amount of a compound and/or pharmaceutically acceptable salt according to any one of claims 1-~~9~~6, or a pharmaceutical composition

according to claim ~~10 7~~ or claim ~~11~~8, wherein the substance is to be administered to said subject.

~~13~~10. A substance for treating cancer in a subject in need thereof, the substance comprising a therapeutically effective amount of a compound and/or pharmaceutically acceptable salt according to any one of claims 1~~, 5, 6~~, and ~~8~~5-~~9~~6, or a pharmaceutical composition according to claim 10 or claim 11; wherein the substance is to be administered to said subject; and at least one additional therapy is to be administered to said subject.

~~14~~11. A method of inducing at least one neoantigen, comprising in vitro contacting a neoplastic cell with a therapeutically effective amount of a compound and/or pharmaceutically acceptable salt according to any one of claims 1-~~9~~6, or a pharmaceutical composition according to claim ~~10 7~~ or claim ~~11~~8, thereby inducing production of at least one neoantigen.

~~15~~12. A substance for inducing at least one neoantigen and/or a T-cell response in a subject having or suspected of having a neoplastic disorder, the substance comprising a therapeutically effective amount of a compound and/or pharmaceutically acceptable salt according to any one of claims 1-~~9~~6, or a pharmaceutical composition according to claim ~~10 7~~ or claim ~~11~~8, wherein the substance is to be administered to said subject.

~~16~~13. A substance for treating a subject having or suspected of having a neoplastic disorder, the substance comprising a therapeutically effective amount of a compound and/or pharmaceutically acceptable salt according to any one of claims 1-~~9~~6, wherein the substance is to be administered to said subject and wherein the administration of the substance induces at least one neoantigen and/or a T-cell response.