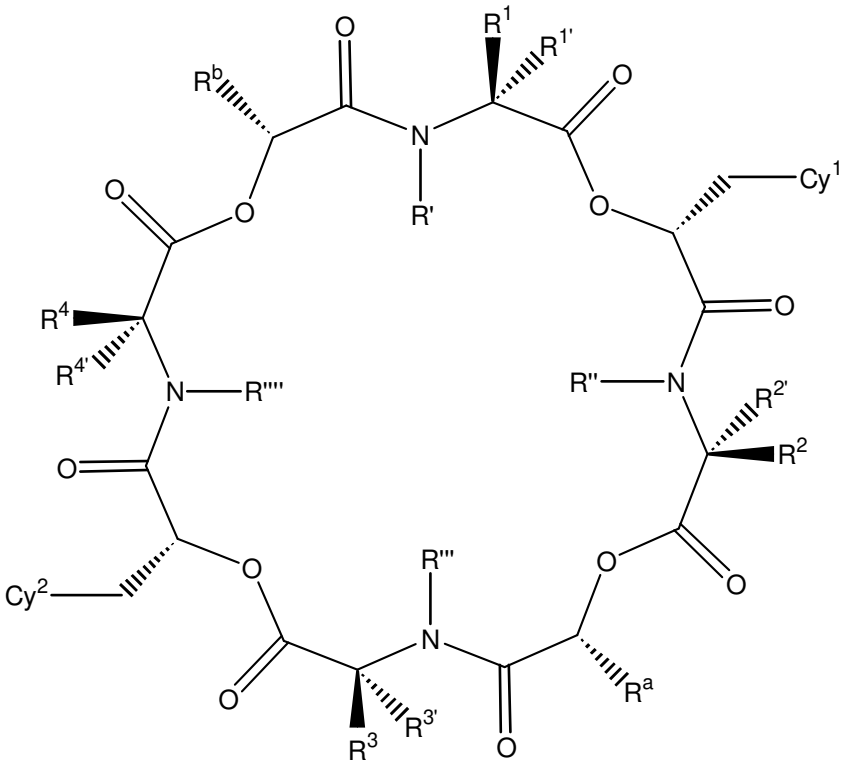
CLAIMS

WHAT IS CLAIMED IS:

1. A cyclic depsipeptide compound of formula (I), or a pharmaceutically or veterinarily acceptable salt thereof:



(I)

wherein:

Cy^1 and Cy^2 are independently aryl, carbocyclic, heteroaryl or heterocyclic, each of which is optionally substituted with one or more substituents selected from the group consisting of halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, thioamido, amino, alkylamino, dialkylamino, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, SF_5, $R^5S(O)$-, $R^5S(O)_2$-, $R^5C(O)$-, $R^5R^6NC(O)$-, $R^5R^6NC(O)NR^5$-, $R^5OC(O)$-, $R^5C(O)O$-, $R^5C(O)NR^6$-, -CN, -NO_2, cycloalkyl, heteroalkyl, heterocyclyl, aryl and heteroaryl, wherein each cycloalkyl, heteroalkyl, heterocyclyl, aryl or heteroaryl substituents of Cy^1 and Cy^2 is optionally further independently substituted with one or more substituents selected from the group consisting of halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, thioamido, amino, alkylamino,

dialkylamino, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, SF_5, $R^5S(O)$-, $R^5S(O)_2$-, $R^5C(O)$-, $R^5R^6NC(O)$-, $R^5OC(O)$-, $R^5C(O)O$-, $R^5C(O)NR^6$-, -CN and $-NO_2$;

R^5 and R^6 are independently hydrogen, alkyl, haloalkyl, thioalkyl, alkylthio, alkylthioalkyl, hydroxyalkyl, alkoxyalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, or the group $-CH_2C(O)NHCH_2CF_3$; or R^5 and R^6 together with the atom(s) to which they are bonded form a C_3-C_6 cyclic group;

R', R'', R''' and R'''' are each independently hydrogen or C_1-C_3alkyl;

R^a and R^b are independently hydrogen, C_1-C_3alkyl or C_1-C_3haloalkyl; and

(a) R^1 is a 3- to 6-membered heterocyclic ring or R^1 is C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring or 3- to 8-membered non-aromatic carbocyclic ring may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ is hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together form a 2-6-membered carbon chain to form a ring; and

R^2, $R^{2'}$, R^3, $R^{3'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(b) R^2 is a 3- to 6-membered heterocyclic ring, or R^2 is C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring or 3- to 8-membered non-aromatic carbocyclic ring may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio,
alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{2'}$ is hydrogen or C_1-C_3alkyl; or

R^2 and $R^{2'}$ together form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^3, $R^{3'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(c) R^3 is a 3- to 6-membered heterocyclic ring, or R^3 is C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring or 3- to 8-membered non-aromatic carbocyclic ring may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{3'}$ is hydrogen or C_1-C_3alkyl; or

R^3 and $R^{3'}$ together form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^2, $R^{2'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(d) R^4 is a 3- to 6-membered heterocyclic ring, or R^4 is C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring or 3- to 8-membered non-aromatic carbocyclic ring may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{4'}$ is hydrogen or C_1-C_3alkyl; or

R^4 and $R^{4'}$ together form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^2, $R^{2'}$, R^3 and $R^{3'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(e) R^1 and/or R^2 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{2'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^2 and $R^{2'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^3, $R^{3'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(f) R^1 and/or R^3 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl,
alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{3'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^3 and $R^{3'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^2, $R^{2'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(g) R^1 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^2, $R^{2'}$, R^3 and $R^{3'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(h) R^2 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl,
cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{2'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^2 and $R^{2'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^3 and $R^{3'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(i) R^2 and/or R^3 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{2'}$ and/or $R^{3'}$ are independently hydrogen or C_1-C_3alkyl; or

R^2 and $R^{2'}$ together and/or R^3 and $R^{3'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(j) R^3 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{3'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^3 and $R^{3'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^2 and $R^{2'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(k) R^1 and/or R^2 and/or R^3 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic

ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{2'}$ and/or $R^{3'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^2 and $R^{2'}$ together and/or R^3 and $R^{3'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^4 and $R^{4'}$ are independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(l) R^2 and/or R^3 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{2'}$ and/or $R^{3'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^2 and $R^{2'}$ together and/or R^3 and $R^{3'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1 and $R^{1'}$ are independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(m) R^1 and/or R^3 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic

carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{3'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^3 and $R^{3'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^2 and $R^{2'}$ are independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(n) R^1 and/or R^2 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino and alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{2'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^2 and $R^{2'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^3 and $R^{3'}$ are independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(o) R^1 and/or R^2 and/or R^3 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl,

aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$and/or $R^{2'}$and/or $R^{3'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^2 and $R^{2'}$ together and/or R^3 and $R^{3'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring.

2. The anthelmintic cyclic depsipeptide of claim 1, wherein

(e) R^1 and/or R^2 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{2'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^2 and $R^{2'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^3, $R^{3'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(f) R^1 and/or R^3 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy,

alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{3'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^3 and $R^{3'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^2, $R^{2'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(g) R^1 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{1'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^1 and $R^{1'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^2, $R^{2'}$, R^3 and $R^{3'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(h) R^2 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3-
to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo,

cyano, amino, alkylamino and dialkylamino; and $R^{2'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^2 and $R^{2'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^3 and $R^{3'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(i) R^2 and/or R^3 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{2'}$ and/or $R^{3'}$ are independently hydrogen or C_1-C_3alkyl; or

R^2 and $R^{2'}$ together and/or R^3 and $R^{3'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^4 and $R^{4'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino; or

(j) R^3 and/or R^4 are each independently a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring(s) or 3- to 8-membered non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl,

alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and $R^{3'}$ and/or $R^{4'}$ are independently hydrogen or C_1-C_3alkyl; or

R^3 and $R^{3'}$ together and/or R^4 and $R^{4'}$ together independently form a 2-6-membered carbon chain to form a ring; and

R^1, $R^{1'}$, R^2 and $R^{2'}$ are each independently hydrogen or C_1-C_8 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino.

3. The anthelmintic cyclic depsipeptide of claim 1, wherein one, two, three or four of R^1 to R^4 is methylene or methylene substituted by one or two halogen atoms, which are further substituted by a non-aromatic carbocyclic ring(s) selected from the group consisting of cyclopropyl, cyclobutyl, cyclopentyl, cyclopentenyl and cyclohexyl, wherein said non-aromatic carbocyclic ring(s) may be further independently substituted by one or more substituents selected from the group consisting of halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino; and the others of R^1 to R^4 are independently 2,2-dimethylpropyl or 2-methylpropyl
substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino.

4. The anthelmintic cyclic depsipeptide of claim 1, wherein one or both of R^1 and R^3 are independently selected from C_1-C_8 alkyl, optionally independently substituted by one or more of: halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino or dialkylamino.

5. The anthelmintic cyclic depsipeptide of claim 4, wherein one or both, preferably both of R^1 and R^3 are independently selected from C_2-C_6 alkyl, optionally independently

substituted by one or more of halogen, preferably fluoro, chloro or iodo, more preferably fluoro or chloro and most preferably fluoro.

6. The anthelmintic cyclic depsipeptide of claim 4 or claim 5, wherein R^1 and R^3 are both independently selected from C_3-C_5 alkyl independently substituted by one or more of halogen, preferably fluoro, chloro or iodo, more preferably fluoro or chloro and most preferably fluoro.

7. The anthelmintic cyclic depsipeptide of any of claims 4 to 6, wherein R^1 and R^3 are both independently selected from C_3-C_5 alkyl substituted with one or more fluoro, and preferably wherein R^1 and R^3 are both independently selected from $–CH_2$-$CF(CH_3)_2$.

8. The anthelmintic cyclic depsipeptide of any of claims 4 to 7, wherein R^1 and R^3 are the same.

9. The anthelmintic cyclic depsipeptide of any of claims 4 to 8, wherein one or both $R^{1'}$ and $R^{3'}$ are H or alkyl, preferably H.

10. The anthelmintic cyclic depsipeptide of any of claims 4 to 9, wherein $R^{1'}$ and $R^{3'}$ are the same, and preferably both are H.

11. The anthelmintic cyclic depsipeptide of any of claims 4 to 10, wherein one or both of R^2 and R^4 is a 3- to 6-membered heterocyclic ring, or C_1-C_3 alkyl or C_1-C_3 haloalkyl, wherein the C_1-C_3 alkyl or C_1-C_3 haloalkyl is substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered heterocyclic ring or 3- to 8-membered non-aromatic carbocyclic ring may be further substituted by one or more substituents selected from the group consisting of halogen, hydroxy, alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, halothio, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino.

12. The anthelmintic cyclic depsipeptide of any of claims 4 to 11, wherein one or both of R^2 and R^4 is C_1-C_3 alkyl or C_1-C_3 haloalkyl, wherein the C_1-C_3 alkyl or C_1-C_3 haloalkyl is substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 8-membered non-aromatic carbocyclic ring may be further substituted by one or more substituents selected from the group consisting of halogen, hydroxy, alkyl, haloalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, halothio, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino.

13. The anthelmintic cyclic depsipeptide of any of claims 4 to 12, wherein one or both of R^2 and R^4 is C_1-C_3 alkyl or C_1-C_3 haloalkyl, wherein the C_1-C_3 alkyl or C_1-C_3 haloalkyl is substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 8-membered non-aromatic carbocyclic ring may be further substituted by one or more substituents selected from the group consisting of halogen, hydroxy, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, halothio, alkylsulfonyl, haloalkylsulfonyl, oxo, cyano.

14. The anthelmintic cyclic depsipeptide of any of claims 4 to 13, wherein one or both of R^2 and R^4 is C_1-C_3 alkyl or C_1-C_3 haloalkyl, wherein the C_1-C_3 alkyl or C_1-C_3 haloalkyl is substituted by a 3- to 8-membered non-aromatic carbocyclic ring; wherein said 3- to 8-membered non-aromatic carbocyclic

ring may be further substituted by one or more substituents selected from the group consisting of halogen, hydroxy, alkyl, haloalkyl, alkoxy and haloalkoxy.

15 The anthelmintic cyclic depsipeptide of any of claims 4 to 14, wherein one or both of R^2 and R^4 is C_1-C_3 alkyl or C_1-C_3 haloalkyl, wherein the C_1-C_3 alkyl or C_1-C_3 haloalkyl is substituted by a 3- to 6-membered non-aromatic carbocyclic ring; wherein said 3- to 6-membered non-aromatic carbocyclic ring may be further substituted by one or more substituents selected from the group consisting of halogen, hydroxy, alkyl, haloalkyl, alkoxy and haloalkoxy.

16. The anthelmintic cyclic depsipeptide of any of claims 4 to 15, wherein R^2 and R^4 are each independently C_1-C_3 alkyl or C_1-C_3 haloalkyl, each of which are substituted by a non-aromatic carbocyclic ring selected from the group consisting of cyclopropyl, cyclobutyl, cyclopentyl, cyclopentenyl and cyclohexyl, , wherein said carbocyclic or heterocyclic groups may be further substituted by one or more halogen, C_1-C_4alkyl, C_1-C_4haloalkyl, C_1-C_3alkoxy, C_1-C_3haloalkoxy, phenyl or oxo.

17. The anthelmintic cyclic depsipeptide of any of claims 4 to 16, wherein R^2 and R^4 are each independently methyl, mono-fluoro substituted methyl or di-fluoro substituted methyl, each of which are substituted by a non-aromatic carbocyclic ring selected from the group consisting of cyclopropyl, cyclobutyl, cyclopentyl, cyclopentenyl and cyclohexyl, wherein said non-aromatic carbocyclic rings may be further substituted by one or more halogen, C_1-C_4alkyl, C_1-C_4haloalkyl, C_1-C_3alkoxy, C_1-C_3haloalkoxy, phenyl or oxo.

18. The anthelmintic cyclic depsipeptide of any of claims 4 to 17, wherein R^2 and R^4 are each independently methyl, mono-fluoro substituted methyl or di-fluoro substituted methyl, each of which are substituted by a non-aromatic carbocyclic ring selected from the group consisting of cyclopropyl, cyclobutyl, cyclopentyl and cyclopentenyl.

19. The anthelmintic cyclic depsipeptide of any of claims 4 to 18, wherein R^2 and R^4 are each independently methyl, mono-fluoro substituted methyl or di-fluoro substituted methyl, each of which are substituted by a non-aromatic carbocyclic ring selected from the group consisting of cyclopropyl, cyclobutyl or cyclopentyl.

20. The anthelmintic cyclic depsipeptide of any of claims 4 to 19, wherein R^2 and R^4 are each independently methyl, mono-fluoro substituted methyl or di-fluoro substituted methyl, each of which is substituted by cyclopropyl.

21. The anthelmintic cyclic depsipeptide of any of claims 4 to 20, wherein R^2 and R^4 are each methyl which is substituted by a 3-5 membered non-aromatic carbocyclic ring, preferably cyclopropyl, and preferably wherein R^2 and R^4 are each $–CH_2$-cyclopropyl.

22. The anthelmintic cyclic depsipeptide of any of claims 4 to 21, wherein R^2 and R^4 are the same.

23. The anthelmintic cyclic depsipeptide of any of claims 4 to 22, wherein one or both $R^{1'}$ and $R^{3'}$ are H or alkyl, preferably H.

24. The anthelmintic cyclic depsipeptide of any of claims 4 to 23, wherein $R^{1'}$ and $R^{3'}$ are the same, and preferably both are H.

25. The anthelmintic cyclic depsipeptide of any of claims 4 to 24, wherein R', R'', R''' and R'''' are each independently C_1-C_3alkyl, preferably methyl.

26. The anthelmintic cyclic depsipeptide of any of claims 4 to 25, wherein Cy^1 and Cy^2 are each independently selected from the group consisting of: aryl, carbocyclic, heteroaryl or heterocyclic, each of which is optionally substituted with one or more substituents selected from the group consisting of halogen, alkyl, haloalkyl, haloalkoxy, haloalkylthio, halothio, cycloalkyl, heteroalkyl, heterocyclyl, aryl and heteroaryl.

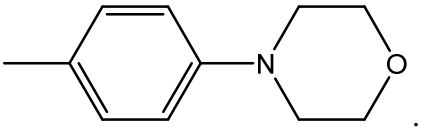
27. The anthelmintic cyclic depsipeptide of any of claims 4 to 26, wherein Cy^1 and Cy^2 are each independently selected from the group consisting of: aryl, preferably phenyl, wherein
the aryl group is substituted with one or more substituents selected from the group consisting of halogen, alkyl, haloalkyl, haloalkoxy, haloalkylthio, halothio, cycloalkyl, heteroalkyl, heterocyclyl, aryl and heteroaryl.

28. The anthelmintic cyclic depsipeptide of any of claims 4 to 27, wherein Cy^1 and Cy^2 are each independently selected from the group consisting of: phenyl substituted with heterocyclyl, preferably wherein the heterocyclyl is selected from the group consisting of: aziridinyl, azetidinyl, oxetanyl, pyrrolidinyl, pyrrolyl, pyrazolyl, oxetanyl, pyrazolinyl, imidazolyl, imidazolinyl, imidazolidinyl, oxazolyl, oxazolidinyl, isoxazolinyl, isoxazolyl, thiazolyl, thiadiazolyl, thiazolidinyl, isothiazolyl, isothiazolidinyl, furyl, tetrahydrofuryl, thienyl, oxadiazolyl, piperidinyl, piperazinyl, 2-oxopiperazinyl, 2-oxopiperidinyl, 2-oxopyrrolodinyl, 2-

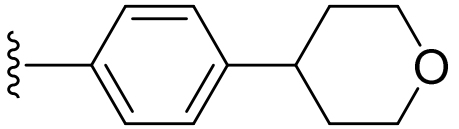
oxoazepinyl, azepinyl, 4-piperidonyl, pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl, tetrahydropyranyl, morpholinyl, thiamorpholinyl, thiamorpholinyl sulfoxide, thiamorpholinyl sulfone, 1,3-dioxolane and tetrahydro-1,1-dioxothienyl, triazolyl, and triazinyl.

29. The anthelmintic cyclic depsipeptide of any of claims 4 to 28, wherein Cy^1 and Cy^2 are each independently selected from the group consisting of: phenyl substituted with heterocyclyl, preferably wherein the heterocyclyl is selected from the group consisting of: pyrrolidinyl, furyl, tetrahydrofuryl, thienyl, piperidinyl, piperazinyl and morpholinyl and more preferably wherein the heterocyclyl is morpholinyl.

30. The anthelmintic cyclic depsipeptide of any of claims 4 to 29, wherein Cy^1 and Cy^2 are the same and are each phenyl substituted with morpholinyl, preferably N-morpholinyl, and more preferably para-N-morpholinylphenyl:



31. The anthelmintic cyclic depsipeptide of any of claims 4 to 29, wherein Cy^1 and Cy^2 are the same and are each phenyl substituted with tetrahydropyranyl, preferably para-tetrahydropyranyl, and more preferably para-tetrahydropyranylphenyl:



32. The anthelmintic cyclic depsipeptide of any of claims 4 to 31, wherein R^a and R^b are independently C_1-C_3alkyl or C_1-C_3haloalkyl, preferably C_1-C_3alkyl and more preferably methyl.

33. The anthelmintic cyclic depsipeptide of claim 1, wherein:

R^1 and R^3 are both independently selected from C_3-C_5 alkyl substituted with one or more fluoro, and preferably wherein R^1 and R^3 are both independently selected from $–CH_2$-$CF(CH_3)_2$;

R^2 and R^4 are each methyl which is substituted by a 3-5 membered non-aromatic

carbocyclic ring, preferably cyclopropyl, and preferably wherein R^2 and R^4 are each $–CH_2$-cyclopropyl;

$R^{1'}$, $R^{2'}$, $R^{3'}$ and $R^{4'}$ are H;

R', R'', R''' and R'''' are each independently C_1-C_3alkyl;

Cy^1 and Cy^2 are each independently selected from the group consisting of: phenyl substituted with halogen, alkyl, haloalkyl, haloalkoxy, haloalkylthio, halothio, heterocyclyl, preferably wherein the heterocyclyl is selected from the group consisting of: pyrrolidinyl, furyl, tetrahydrofuryl, tetrahydropyranyl, thienyl, piperidinyl, piperazinyl and morpholinyl; and

R^a and R^b are independently C_1-C_3alkyl.

34. The anthelmintic cyclic depsipeptide of claim 1, wherein:

R^1 and R^3 are both independently selected from C_3-C_5 alkyl substituted with one or more fluoro, and preferably wherein R^1 and R^3 are both independently selected from $–CH_2$-$CF(CH_3)_2$;

R^2 and R^4 are each methyl which is substituted by a 3-5 membered non-aromatic carbocyclic ring, preferably cyclopropyl, and preferably wherein R^2 and R^4 are each $–CH_2$-cyclopropyl;

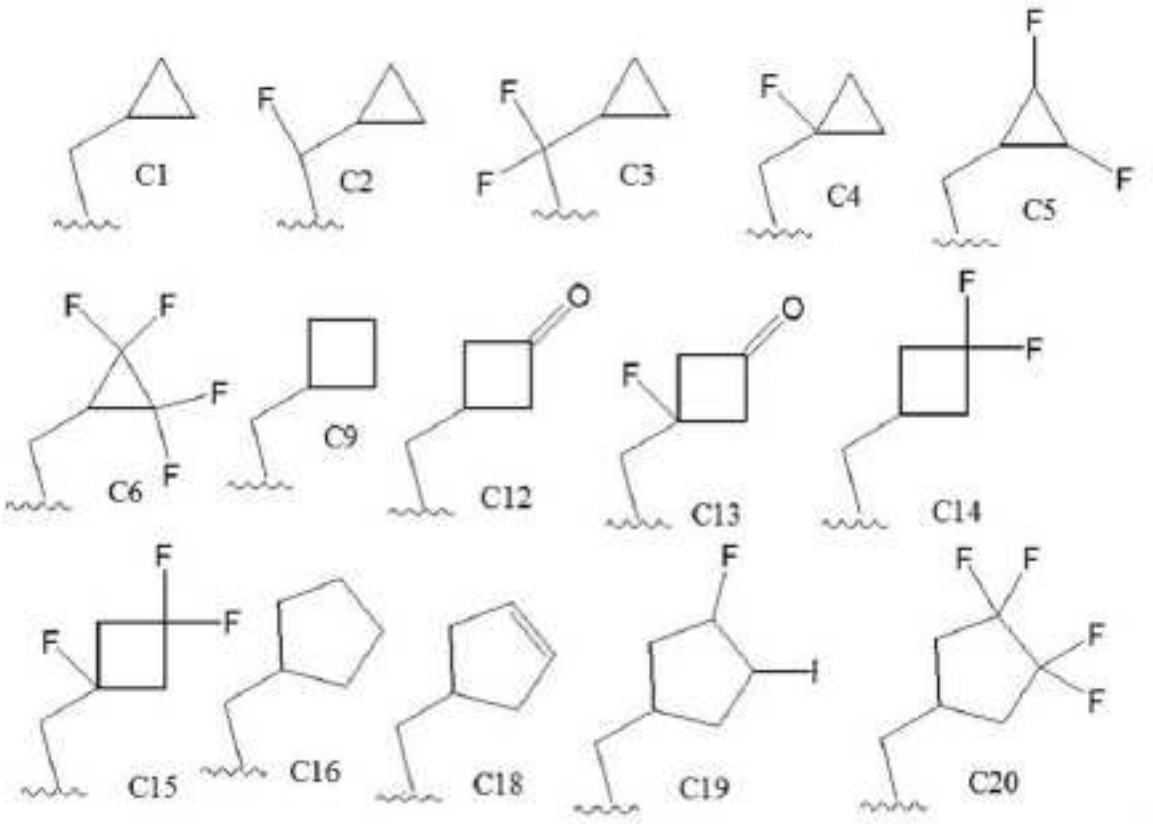
$R^{1'}$, $R^{2'}$, $R^{3'}$ and $R^{4'}$ are H;

R', R'', R''' and R'''' are each independently C_1-C_3alkyl;

Cy^1 and Cy^2 are each independently selected from the group consisting of: phenyl substituted with halogen, alkyl, haloalkyl, haloalkoxy, haloalkylthio, halothio, heterocyclyl, preferably wherein the heterocyclyl is selected from the group consisting of: pyrrolidinyl, furyl, tetrahydrofuryl, thienyl, piperidinyl, piperazinyl and morpholinyl; and

R^a and R^b are independently C_1-C_3alkyl.

35. The anthelmintic cyclic depsipeptide of claim 1, wherein one, two, three or four of R^1, R^2, R^3 and R^4 are independently C1 to C6, C9, C12 to C16 or C18 to C20:



;

and the others of R^1, R^2, R^3 and R^4 are independently C_1-C_3 alkyl, optionally substituted by one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, alkoxyalkoxy, oxo, cyano, amino, alkylamino and dialkylamino.

36. The anthelmintic cyclic depsipeptide of claim 35, wherein one, two, three or all four of R^1 to R^4 are each independently one of C1 to C6, C9, C12 to C16 or C18 to C20; and the others of R^1 to R^4 are independently 2,2-dimethylpropyl or 2-methylpropyl, substituted by one or more halogen.

37. The anthelmintic cyclic depsipeptide of claim 35, wherein R^1 and R^3 are each independently one of C1 to C6, C9, C12 to C16 or C18 to C20; and R^2 and R^4 are independently 2,2-dimethylpropyl or 2-methylpropyl, substituted by one or more halogen.

38. The anthelmintic cyclic depsipeptide of claim 35, wherein R^2 and R^4 are each independently one of C1 to C6, C9, C12 to C16 or C18 to C20; and R^1 and R^3 are independently 2,2-dimethylpropyl or 2-methylpropyl, substituted by one or more halogen.

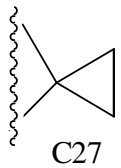
39. The anthelmintic cyclic depsipeptide of claim 38, wherein R^2 and R^4 are each independently C1, C9, or C16; and R^1 and R^3 are independently 2,2-dimethylpropyl or 2-methylpropyl, substituted by one or more fluorine.

40. The anthelmintic cyclic depsipeptide of claim 35, wherein R^1 and R^3 are each independently C1, C9, or C16; and R^2 and R^4 are independently 2,2-dimethylpropyl or 2-methylpropyl, substituted by one or more fluorine.

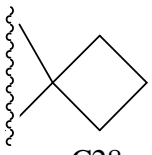
41. The anthelmintic cyclic depsipeptide of claim 40, wherein R^1 and R^3 are C1; and R^2 and R^4 are independently 2,2-dimethylpropyl or 2-methylpropyl substituted by one or more fluorine.

42. The anthelmintic cyclic depsipeptide of claim 39, wherein R^2 and R^4 are C1; and R^1 and R^3 are independently 2,2-dimethylpropyl or 2-methylpropyl substituted by one or more fluorine.

43. The anthelmintic cyclic depsipeptide of claim 1, wherein one, two, three or four of R^1 together with $R^{1'}$ and/or R^2 together with $R^{2'}$ and/or R^3 together with $R^{3'}$ and/or R^4 together with $R^{4'}$ are independently C27 or C28:



C27



C28 ; and

the others of R^1, $R^{1'}$, R^2, $R^{2'}$, R^3, $R^{3'}$, R^4 and $R^{4'}$ are independently hydrogen, 2,2-dimethylpropyl or 2-methylpropyl substituted by one or more fluorine.

44. The anthelmintic cyclic depsipeptide of any of claims 35 to 43, wherein Cy^1 and Cy^2 are independently a bicyclic carbocyclic or heterocyclic group optionally substituted with halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, thioamido, amino, alkylamino, dialkylamino, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, SF_5, $R^5S(O)$-, $R^5S(O)_2$-, $R^5C(O)$-, $R^5R^6NC(O)$-, $R_5R_6NC(O)NR^5$-, $R^5OC(O)$-, $R^5C(O)O$-, $R^5C(O)NR^6$-, -CN, $-NO_2$, cycloalkyl, heteroalkyl, aryl or heteroaryl, wherein each cycloalkyl, heteroalkyl, aryl or heteroaryl substituent is optionally further substituted with one or more substituents selected from the group consisting of halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, thioamido, amino, alkylamino, dialkylamino, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, SF_5, $R^5S(O)$-, $R^5S(O)_2$-, $R^5C(O)$-, $R^5R^6NC(O)$-, $R_5R_6NC(O)NR^5$-, $R^5OC(O)$-, $R^5C(O)O$-, $R^5C(O)NR^6$-, -CN and $-NO_2$.

45. The anthelmintic cyclic depsipeptide of claim 44, wherein the bicyclic carbocyclic or heterocyclic group is naphthyl, tetrahydronaphthyl, indanyl indolyl, benzothiazolyl, benzoxazolyl, benzodioxolyl, benzothienyl, quinuclidinyl, quinolinyl, tetra-hydroisoquinolinyl, isoquinolinyl, benzimidazolyl, benzopyranyl, indolizinyl, benzofuryl, chromonyl, coumarinyl, benzopyranyl, cinnolinyl, quinoxalinyl, indazolyl, pyrrolopyridyl, furopyridinyl, dihydroisoindolyl, dihydroquinazolinyl or tetrahydroquinolinyl.

46. The anthelmintic cyclic depsipeptide of any of claims 35 to 43, wherein Cy^1 and Cy^2 are independently phenyl, a 5-membered heteroaryl or a 6-membered heteroaryl, each optionally independently substituted with one or more halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, thioamido, amino, alkylamino, dialkylamino, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, SF_5, $R^5S(O)$-, $R^5S(O)_2$-, $R^5C(O)$-, $R^5R^6NC(O)$-, $R_5R_6NC(O)NR^5$-, $R^5OC(O)$-, $R^5C(O)O$-, $R^5C(O)NR^6$-, -CN, $-NO_2$, cycloalkyl, heteroalkyl, heterocyclyl, aryl or heteroaryl, wherein each cycloalkyl, heteroalkyl, heterocyclyl, aryl or heteroaryl substituent is optionally further substituted with one or more substituents selected from the group consisting of halogen, hydroxy, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, thioamido, amino, alkylamino, dialkylamino, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, SF_5, $R^5S(O)$-, $R^5S(O)_2$-, $R^5C(O)$-, $R^5R^6NC(O)$-, $R_5R_6NC(O)NR^5$-, $R^5OC(O)$-, $R^5C(O)O$-, $R^5C(O)NR^6$-, -CN and $-NO_2$.

47. The anthelmintic cyclic depsipeptide of claim 46, wherein Cy^1 and Cy^2 are independently phenyl, a 5-membered heteroaryl or a six-membered heteroaryl optionally independently substituted with halogen, -CN, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, halothio, $R^5R^6NC(O)$- and heterocyclyl.

48. The anthelmintic cyclic depsipeptide of claim 46, wherein Cy^1 and Cy^2 are independently phenyl, a 5-membered heteroaryl or a six-membered heteroaryl optionally independently substituted with heterocyclyl, fluoro, trifluoromethyl, trifluoromethoxy or cyano.

49. The anthelmintic cyclic depsipeptide of claim 46, wherein Cy^1 and Cy^2 are independently phenyl, a 5-membered heteroaryl or pyridinyl optionally independently substituted with morpholinyl, tetrahydropyranyl or tetrazolyl.

50. The anthelmintic cyclic depsipeptide of claim 46, wherein Cy^1 and Cy^2 are independently phenyl, thienyl, oxazolyl, isothiazolyl, 1,3-4-thiadazolyl, pyrazolyl, furyl, imidazolyl, pyrrolyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl or tetrazinyl independently optionally substituted with $R^5R^6NC(O)$-, wherein R^5 and R^6 are independently hydrogen, $-CH_2C(O)NHCH_2CF_3$ or R^5 and R^6 together with the nitrogen atom to which they are bonded together form a C_3-C_6 cyclic amine.

51. An anthelmintic pharmaceutical or veterinary composition comprising the anthelmintic cyclic depsipeptide of any one of claims 1 to 50, or a pharmaceutically or veterinarily acceptable salt thereof, in combination with a pharmaceutically acceptable carrier.

52. An anthelmintic pharmaceutical or veterinary composition comprising the anthelmintic cyclic depsipeptide of any one of claims 1 to 50, or a pharmaceutically or veterinarily acceptable salt thereof, in combination with one or more additional parasiticidal active agent(s) and a pharmaceutically acceptable carrier.

53. The anthelmintic cyclic depsipeptide of any one of claims 1 to 50 or the pharmaceutical composition of claim 51 or claim 52 for use in the treatment and/or prevention of a

parasitic infection in an animal wherein a parasiticidally effective amount of the anthelmintic cyclic depsipeptide or the pharmaceutical composition is to be administered to the animal, and wherein the parasitic infection is caused by a parasitic nematode or a filarial worm.

54. Use of the anthelmintic cyclic depsipeptide of any one of claims 1 to 50 or the pharmaceutical composition of claim 51 to claim 52 in the manufacture of a medicament for the treatment and/or prevention of a parasitic infection in an animal, wherein the parasitic infection is caused by a parasitic nematode or a filarial worm..

55. Use of the anthelmintic cyclic depsipeptide of any one of claims 1 to 50 in the manufacture of a medicament for the treatment and/or prevention of a parasitic infection in an animal, wherein the parasitic infection is caused by a parasitic nematode or a filarial worm.