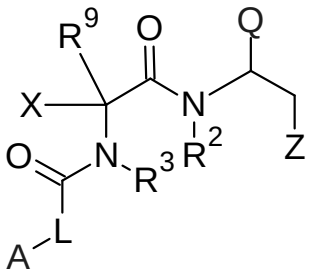
CLAIMS

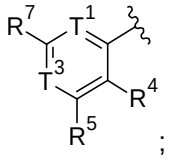
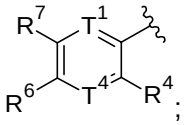
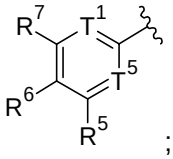
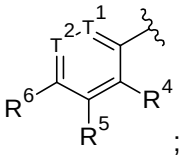
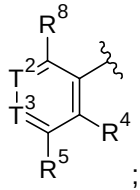
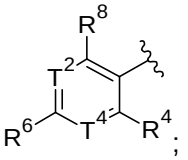
1. A compound of Formula (1'):



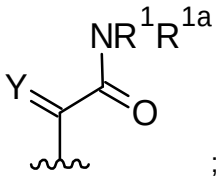
(1');

or a salt thereof, wherein;

A is selected from:


;

;

;

;

;

;

Q is CN or a group of formula:


;

X is a C_{1-6} saturated or unsaturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms or X is joined with R^9 to form a C_{3-6} cycloalkyl ring which is optionally substituted with 1 to 3 fluorine atoms or 1 to 3 C_{1-3} alkyl groups;

Y is O or NOR^{16};

T^1 is CR^8 or N;

T^2 is CR^7 or N;

T^3 is CR^6 or N;

T^4 is CR^5 or N;

T^5 is CR^4 or N;

Z is a 5- or 6-membered heterocyclic ring optionally substituted with oxo or 1 to 6 fluorine atoms, or Z is C_{3-6} cycloalkyl optionally substituted with 1 to 6 fluorine atoms, or Z is $-(CH_2)_pCONHR^{13}$, or Z is $-(CH_2)_pCO_2R^{13}$;

L is $-CR^{11}=CR^{12}-$, $-CHR^{11}-CHR^{12}-$ or $-O-CHR^{11}-$;

R^1 and R^{1a} are independently H or a C_{1-6} saturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms, or R^1 and R^{1a} are linked together to form a 3 to 6-membered saturated ring optionally containing an additional heteroatom;

R^2 and R^3 are independently H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^4, R^5, R^6, R^7 and R^8 are independently H, halo, CN, CO_2R^{14}, OR^{14}, SO_2R^{14}, $SONHR^{14}$, OSO_2R^{14}, $PO(R^{14})_2$, SF_5 or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^9 is H or is joined with X to form a C_{3-6} cycloalkyl ring which is optionally substituted with 1 to 3 fluorine atoms or 1 to 3 C_{1-3} alkyl groups;

R^{11} and R^{12} are independently H, $-(CH_2)_mCO_2R^{15}$ or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms; or R^{11} and R^{12} are joined to form a cyclopropyl ring;

R^{13}, R^{14} and R^{15} are independently H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^{16} is H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

p and m are independently 0-3;

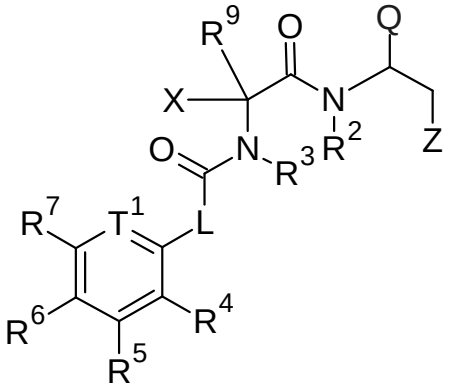
wherein when R^1 and R^{1a} are not both H, L is:

$-CHR^{11}-CHR^{12}-$;

$-CR^{11}=CR^{12}-$ where R^3, R^4, R^5, R^6, R^7 and R^8 are not all H;

or $-O-CHR^{11}-$ where R^3 is not H, or where two or more of R^4, R^5, R^6, R^7 and R^8 are not H.

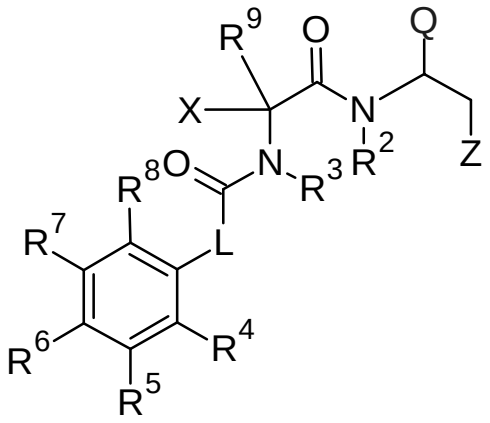
2. The compound according to claim 1, which is a compound of Formula (1c):



(1c);

or a salt thereof.

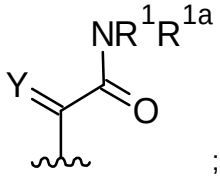
3. The compound according to claim 1, which is a compound of Formula (1b):



(1b);

or a salt thereof, wherein;

Q is CN or a group of formula:



;

X is a C_{1-6} saturated or unsaturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms or X is joined with R^9 to form a C_{3-6} cycloalkyl ring which is optionally substituted with 1 to 3 fluorine atoms or 1 to 3 C_{1-3} alkyl groups;

Y is O or NOR^{16};

Z is a 5- or 6-membered heterocyclic ring optionally substituted with oxo or 1 to 6 fluorine atoms, or Z is C_{3-6} cycloalkyl optionally substituted with 1 to 6 fluorine atoms, or Z is $-(CH_2)_pCONHR^{13}$, or Z is $-(CH_2)_pCO_2R^{13}$;

L is $-CR^{11}=CR^{12}-$, $-CHR^{11}-CHR^{12}-$ or $-O-CHR^{11}-$;

R^1 and R^{1a} are independently H or a C_{1-6} saturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms, or R^1 and R^{1a} are linked together to form a 3 to 6-membered saturated ring optionally containing an additional heteroatom;

R^2 and R^3 are independently H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^4, R^5, R^6, R^7 and R^8 are independently H, halo, CO_2R^{14} or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^9 is H or is joined with X to form a C_{3-6} cycloalkyl ring which is optionally substituted with 1 to 3 fluorine atoms or 1 to 3 C_{1-3} alkyl groups;

R^{11} and R^{12} are independently H, $-(CH_2)_mCO_2R^{15}$ or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^{13}, R^{14} and R^{15} are independently H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^{16} is H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

p and m are independently 0-3;

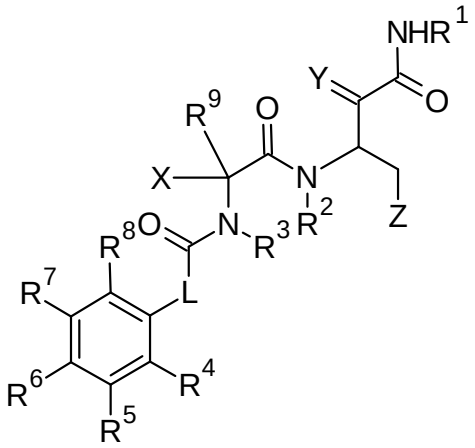
wherein when R^1 and R^{1a} are not both H, L is:

$-CHR^{11}-CHR^{12}-$;

$-CR^{11}=CR^{12}-$ where R^3, R^4, R^5, R^6, R^7 and R^8 are not all H;

or $-O-CHR^{11}-$ where R^3 is not H, or where two or more of R^4, R^5, R^6, R^7 and R^8 are not H.

4. The compound according to claim 1, which is a compound of Formula (1):



(1);

or a salt thereof, wherein;

X is a C_{1-6} saturated or unsaturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms or X is joined with R^9 to form a C_{3-6} cycloalkyl ring which is optionally substituted with 1 to 3 fluorine atoms or 1 to 3 C_{1-3} alkyl groups;

Y is O or NOR^{16};

Z is a 5- or 6-membered heterocyclic ring optionally substituted with oxo or 1 to 6 fluorine atoms, or Z is C_{3-6} cycloalkyl optionally substituted with 1 to 6 fluorine atoms, or Z is $-(CH_2)_pCONHR^{13}$, or Z is $-(CH_2)_pCO_2R^{13}$;

L is $-CR^{11}=CR^{12}-$, $-CHR^{11}-CHR^{12}-$ or $-O-CHR^{11}-$;

R^1 is H or a C_{1-6} saturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms;

R^2 and R^3 are independently H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^4, R^5, R^6, R^7 and R^8 are independently H, halo, CO_2R^{14} or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^9 is H or is joined with X to form a C_{3-6} cycloalkyl ring which is optionally substituted with 1 to 3 fluorine atoms or 1 to 3 C_{1-3} alkyl groups;

R^{11} and R^{12} are independently H, $-(CH_2)_mCO_2R^{15}$ or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^{13}, R^{14} and R^{15} are independently H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

R^{16} is H or C_{1-3} alkyl optionally substituted with 1 to 6 fluorine atoms;

p and m are independently 0-3;

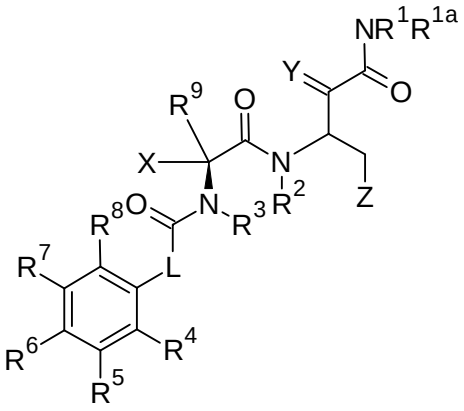
wherein when R^1 is a C_{1-6} saturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms, L is:

$-CHR^{11}-CHR^{12}-$;

$-CR^{11}=CR^{12}-$ where R^3, R^4, R^5, R^6, R^7 and R^8 are not all H;

or $-O-CHR^{11}-$ where R^3 is not H, or where two or more of R^4, R^5, R^6, R^7 and R^8 are not H.

5. The compound according to claim 1, which is a compound of Formula (1ai):

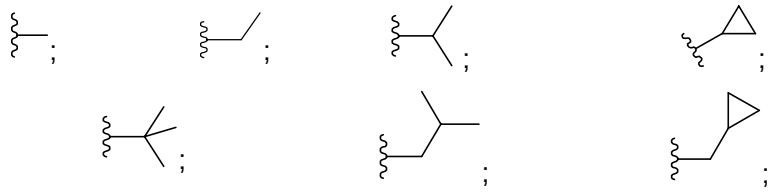


(1ai);

or a salt thereof.

6. The compound according to any one of claims 1 to 5, wherein Y is O.

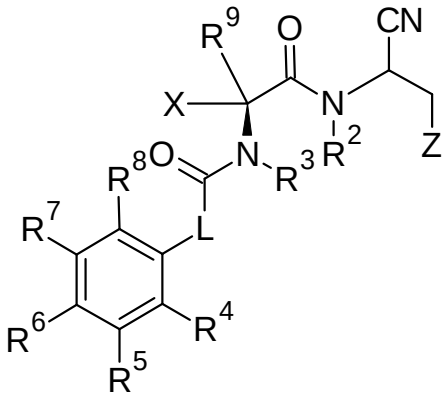
7. The compound according to any one of claims 1 to 3, wherein R^1 and R^{1a} are independently H or selected from the group consisting of:



or wherein R^1 and R^{1a} are joined to form a ring such that the group NR^1R^{1a} is:



8. The compound according to claim 1, which is a compound of Formula (1aii):

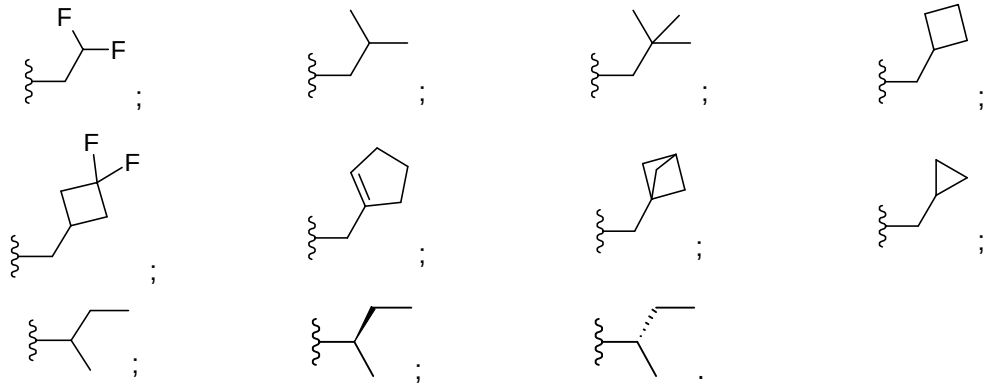


(1aii);

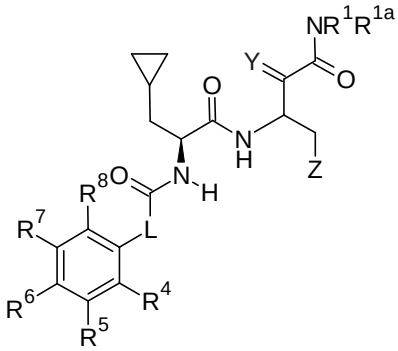
or a salt thereof.

9. The compound according to any one of claims 1 to 8, wherein R^2 is H.

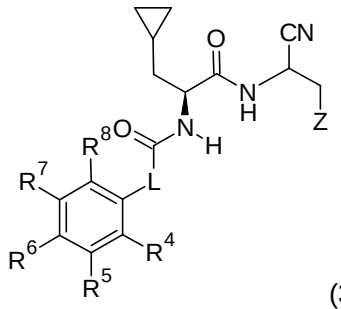
10. The compound according to any one of claims 1 to 9, wherein X is selected from the group consisting of:



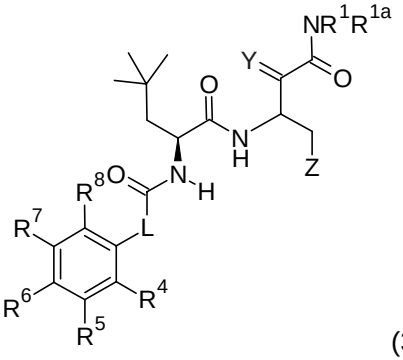
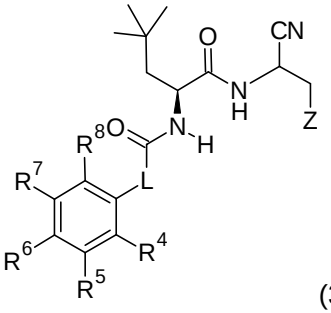
11. The compound according to claim 1, which is a compound of Formula (3bi), (3bii), (3ci) or (3cii):



(3bi);



(3bii);


(3ci);

(3cii);

and salts thereof, wherein

Y is O or NOH;

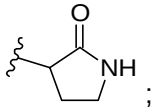
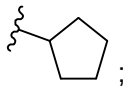
Z is a 5- or 6-membered heterocyclic ring optionally substituted with oxo or 1 to 6 fluorine atoms, or Z is C_{3-6} cycloalkyl optionally substituted with 1 to 6 fluorine atoms;

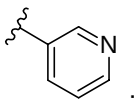
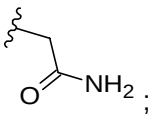
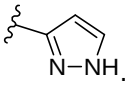
L is -CH=CH-, -CH_2-CH_2- or -O-CH_2-;

R^1 and R^{1a} are independently H or a C_{1-4} saturated hydrocarbon group optionally substituted with 1 to 6 fluorine atoms, or R^1 and R^{1a} are linked together to form a 3 to 6-membered saturated ring optionally containing an additional heteroatom;

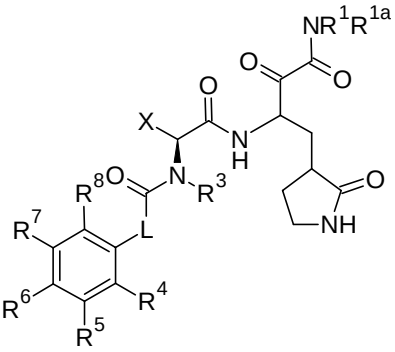
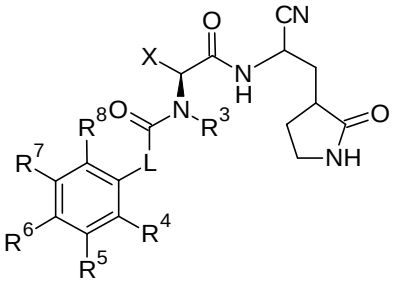
R^4, R^5, R^6, R^7 and R^8 are independently H or halo.

12. The compound according to any one of claims 1 to 11, wherein Z is selected from the group consisting of:


;

;

;

;

;

.

13. The compound according to claim 1, which is a compound of Formula (4ai) or (4aii):

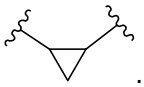

(4ai);

(4aii);

or a salt thereof.

14. The compound according to any one of claims 1 to 13, wherein L is -CHR^{11}-CHR^{12}-.

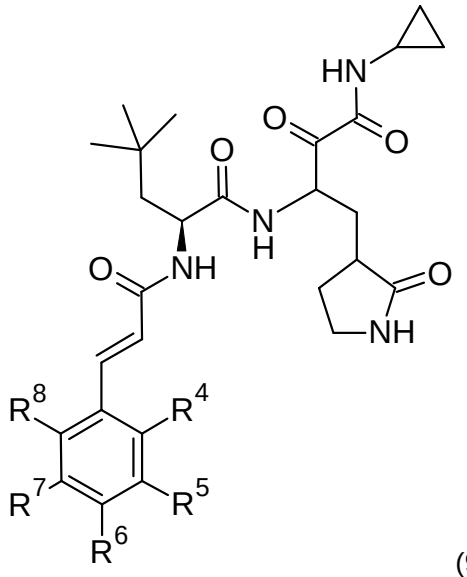
15. The compound according to claim 1, wherein R^1 and R^{1a} are both H and L is -CR^{11}=CR^{12}-, or wherein R^1 and R^{1a} are not both H and L is -CR^{11}=CR^{12}- where R^3, R^4, R^5, R^6, R^7 and R^8 are not all H.

16. The compound according to claim 1, wherein R^1 and R^{1a} are both H and L is -O-CHR^{11}-, or wherein R^1 and R^{1a} are not both H and L is -O-CHR^{11}- where R^3 is not H, or where two or more of R^4, R^5, R^6, R^7 and R^8 are not H.

17. The compound according to claim 1, wherein L is -CH=CH-, -CH_2CH_2-, -CH_2-$CH(CH_2CH_3)$-, -CH_2-$CH(CH_2CO_2H)$-, -OCH_2-, -CH_2-$CH(CH_3)$-, -CH_2-$CH(CF_3)$-, -$OCH(CH_3)$-, or .

18. The compound according to any one of claims 1 to 17, wherein R^3 is H, methyl or CH_2CF_3.

19. The compound according to claim 1, which is a compound of Formula (9b):



(9b);

or a salt thereof.

20. The compound according to any one of claims 1 to 19, wherein R^4, R^5, R^6, R^7, and R^8 are independently selected from H, CN, Cl, F, CF_2H, OCH_3, OCF_3, OCF_2H, SO_2CH_3, OSO_2CH_3, $PO(CH_3)_2$, SF_5 and CO_2H.

21. The compound according to claim 20, wherein R^4 is F, R^5 is H, R^6 is Cl and R^7 and R^8 are H.

22. The compound according to claim 1 which is selected from the group consisting of:
3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;
3-((*S*)-2-cinnamamido-3-cyclopropylpropanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;
benzyl ((2*S*)-1-((4-amino-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-3-cyclopropyl-1-oxopropan-2-yl)carbamate;
3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-2-(hydroxyimino)-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;
N-(*tert*-butyl)-3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;
3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-4-cyclopropyl-2-oxobutanamide;
3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-4-cyclopentyl-2-oxobutanamide;
3-((*S*)-3-cyclopropyl-2-(3-phenylpropanamido)propanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;
(2*S*)-*N*-(1-cyano-2-((*S*)-2-oxopyrrolidin-3-yl)ethyl)-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)-4,4-dimethylpentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)-4,4-dimethylpentanamide;
(2*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*S*)-3-phenylbutanamido)pentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*R*)-3-phenylbutanamido)pentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*S*)-3-phenylpentanamido)pentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*R*)-3-phenylpentanamido)pentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*S*)-4,4,4-trifluoro-3-phenylbutanamido)pentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*R*)-4,4,4-trifluoro-3-phenylbutanamido)pentanamide;

(2*S*)-*N*-(4-amino-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-4-methylpentanamide;

3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-*N*-ethyl-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

3-((*S*)-3-cyclopropyl-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)propanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-*N*-cyclopropyl-2-oxo-4-((S)-2-oxopyrrolidin-3-yl)butanamide;

(2*S*)-*N*-(4-amino-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-*N*-(4-(ethylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

3-((*S*)-3-cyclopropyl-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)propanamido)-*N*-ethyl-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

N-cyclopropyl-3-((*S*)-3-cyclopropyl-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)propanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

(2*S*)-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)-*N*-(4-(ethylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-amino-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)-4,4-dimethylpentanamide;

3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclopropylpropanamido)-*N*-cyclopropyl-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

benzyl ((2*S*)-3-cyclopropyl-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-1-oxopropan-2-yl)carbamate;

N-cyclopropyl-3-((*S*)-3-cyclopropyl-2-(3-(2,4-dichlorophenyl)propanamido)propanamido)-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

3-((*S*)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-3-cyclobutylpropanamido)-*N*-cyclopropyl-2-oxo-4-((*S*)-2-oxopyrrolidin-3-yl)butanamide;

(3*S*)-*N*-((2*S*)-3-cyclopropyl-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-1-oxopropan-2-yl)-3-phenylpentanamide;

(3*R*)-*N*-((2*S*)-3-cyclopropyl-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-1-oxopropan-2-yl)-3-phenylpentanamide;

(2*S*)-*N*-(4-(azetidin-1-yl)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(2,4-dichlorophenyl)acrylamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(2,4-difluorophenyl)acrylamido)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(4-chlorophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(2-chloro-4-fluorophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(4-fluorophenyl)acrylamido)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(4-chloro-3-fluorophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(5-chloropyridin-2-yl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(5-fluoropyridin-2-yl)acrylamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(4-(difluoromethyl)phenyl)acrylamido)-4,4-dimethylpentanamide;

(1*R*,2*R*)-*N*-((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)-2-phenylcyclopropane-1-carboxamide;

(1*S*,2*S*)-*N*-((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)-2-phenylcyclopropane-1-carboxamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(2,4-difluorophenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(2,4-difluorophenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(2,4-dichlorophenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(2,4-dichlorophenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-2-((*S*)-3-(4-chloro-2-fluorophenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*R*)-3-(4-chloro-2-fluorophenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*S*)-3-(4-chlorophenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*R*)-3-(4-chlorophenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(4-fluorophenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(4-fluorophenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(azetidin-1-yl)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*E*)-3-(4-chloro-2-fluorophenyl)acrylamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*R*)-3-(2-(trifluoromethoxy)phenyl)pentanamido)pentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*S*)-3-(2-(trifluoromethoxy)phenyl)pentanamido)pentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(2-(difluoromethoxy)phenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(2-(difluoromethoxy)phenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(4-chloro-2-cyanophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(4-chloro-3-cyanophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*E*)-3-(2-chloro-4-cyanophenyl)acrylamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*R*)-3-(3-(trifluoromethoxy)phenyl)butanamido)pentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*S*)-3-(3-(trifluoromethoxy)phenyl)butanamido)pentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(3-(difluoromethoxy)phenyl)butanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(3-(difluoromethoxy)phenyl)butanamido)-4,4-dimethylpentanamide;

(2*S*)-2-((*R*)-3-(2-chloro-4-(methylsulfonyl)phenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*S*)-3-(2-chloro-4-(methylsulfonyl)phenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

3-chloro-4-((3*R*)-1-(((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)amino)-1-oxopentan-3-yl)phenyl methanesulfonate;

3-chloro-4-((3*S*)-1-(((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)amino)-1-oxopentan-3-yl)phenyl methanesulfonate;

(2*S*)-2-((*R*)-3-(2-chloro-4-(dimethylphosphoryl)phenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-((*S*)-3-(2-chloro-4-(dimethylphosphoryl)phenyl)pentanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethyl-2-((*E*)-3-(4-(pentafluoro-l6-sulfaneyl)phenyl)acrylamido)pentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(4-methoxyphenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(4-methoxyphenyl)pentanamido)-4,4-dimethylpentanamide;

(2*S*)-2-(3-(4-chloro-2-(trifluoromethoxy)phenyl)propanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-(3-(4-chloro-2-(difluoromethoxy)phenyl)propanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-(3-(4-chloro-2-cyanophenyl)propanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-(3-(2-chloro-4-cyanophenyl)propanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-2-(3-(4-chloro-3-(trifluoromethoxy)phenyl)propanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;

(2*S*)-*N*-(1-cyano-2-((*S*)-2-oxopyrrolidin-3-yl)ethyl)-2-(3-(2,4-dichlorophenyl)propanamido)-4,4-dimethylpentanamide;

2,4-dichlorobenzyl ((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)carbamate;

4-chloro-2-fluorobenzyl ((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)carbamate;

(*S*)-1-(4-chloro-2-fluorophenyl)ethyl ((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)carbamate;
(*R*)-1-(4-chloro-2-fluorophenyl)ethyl ((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)carbamate;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-3-(2,4-difluorophenyl)-4,4,4-trifluorobutanamido)-4,4-dimethylpentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-3-(2,4-difluorophenyl)-4,4,4-trifluorobutanamido)-4,4-dimethylpentanamide;
(2*S*)-2-((*R*)-2-benzyl-3,3,3-trifluoropropanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;
(2*S*)-2-((*S*)-2-benzyl-3,3,3-trifluoropropanamido)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-4,4-dimethylpentanamide;
(1*S*,2*S*)-2-(4-chlorophenyl)-*N*-((2*S*)-1-((4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)amino)-4,4-dimethyl-1-oxopentan-2-yl)cyclopropane-1-carboxamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-(2-(2,4-dichlorophenoxy)acetamido)-4,4-dimethylpentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*S*)-2-(2,4-dichlorophenoxy)propanamido)-4,4-dimethylpentanamide;
(2*S*)-*N*-(4-(cyclopropylamino)-3,4-dioxo-1-((*S*)-2-oxopyrrolidin-3-yl)butan-2-yl)-2-((*R*)-2-(2,4-dichlorophenoxy)propanamido)-4,4-dimethylpentanamide;
or a salt thereof.

23. The compound according to any one of claims 1 to 22 having SARS-CoV-2 Mpro inhibitor activity.

24. A pharmaceutical composition comprising a compound as defined in any one of claims 1 to 23 and a pharmaceutically acceptable excipient.

25. Use of the compound or composition according to any one of claims 1 to 24 for the manufacture of a medicament for the treatment of SARS-CoV-2 or in the treatment of disorders associated with SARS-CoV-2: Mpro.