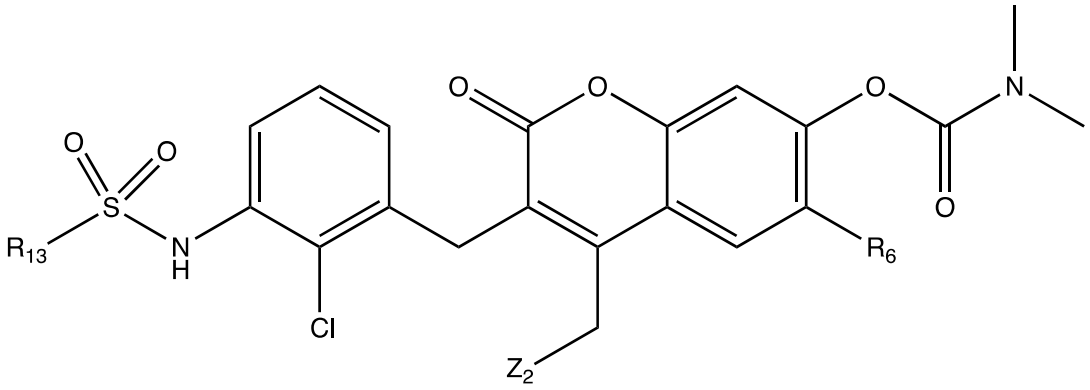
WHAT IS CLAIMED IS:

1. A compound having the chemical structure of Formula (IV)

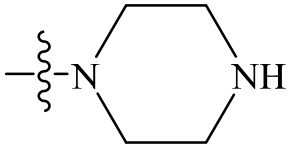
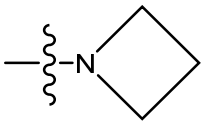


(IV)

or a pharmaceutically acceptable salt thereof, wherein

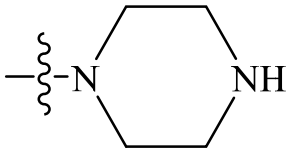
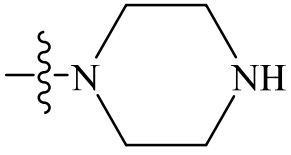
$R_6$ is hydrogen, fluoro or chloro;

$R_{13}$ is ethyl or $-NR_AR_B$ wherein $R_A$ is hydrogen and $R_B$ is methyl;

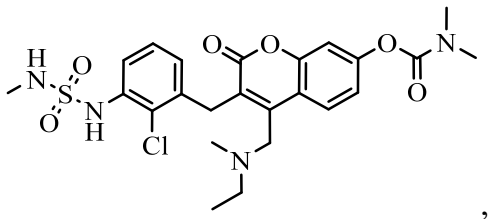
$Z_2$ is $-NR^5R^{5'}$,  , or  ;

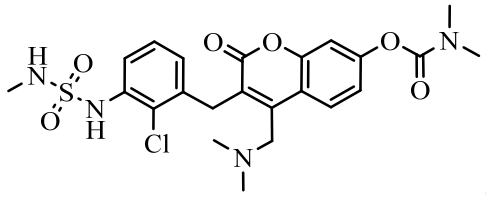
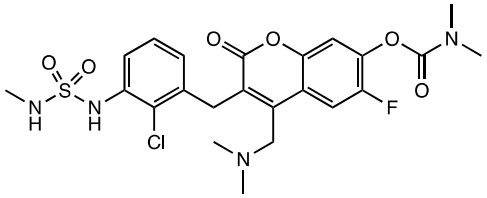
$R^5$ is $C_1$ to $C_6$ alkyl; and

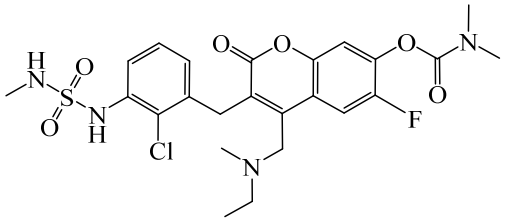
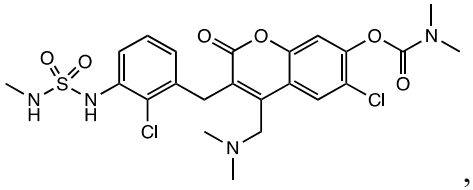
$R^{5'}$ is $C_1$ to $C_6$ alkyl.

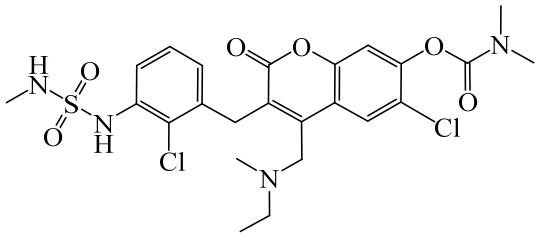
2. The compound of claim 1, wherein $R^5$ is methyl, and $R^{5'}$ is methyl or ethyl.
3. The compound of claim 1, wherein
   a) $Z_2$ is $-NR^5R^{5'}$, and $R_{13}$ is $-NR_AR_B$;
   b) $Z_2$ is  , and $R_{13}$ is $-NR_AR_B$;
   c) $Z_2$ is $-NR^5R^{5'}$, and $R_{13}$ is ethyl; or
   d) $Z_2$ is  , and $R_{13}$ is $-NR_AR_B$.

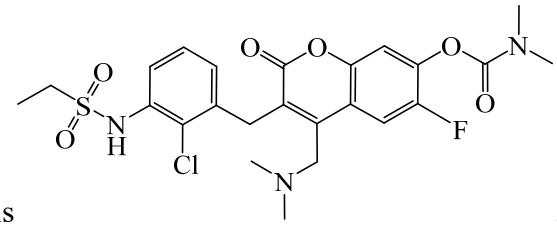
4. The compound of claim 1, wherein:

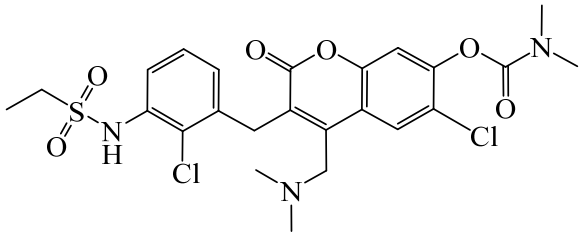
a) the compound is ,

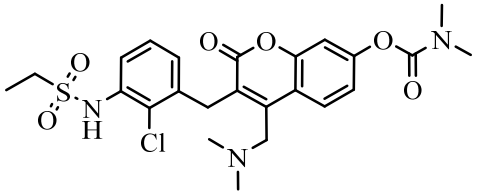
, ,

, , or

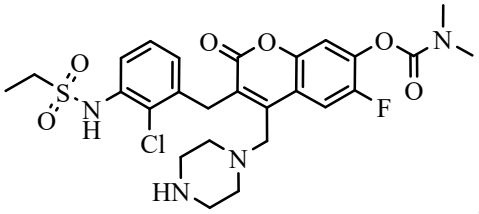
, or a pharmaceutically acceptable salt thereof; or

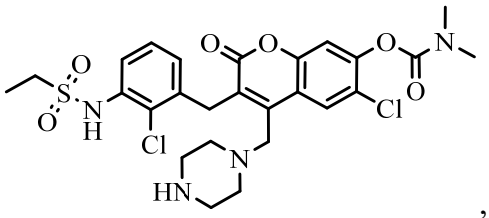
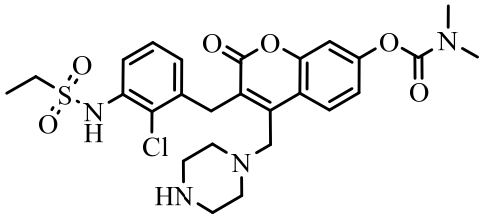
b) the compound is ,

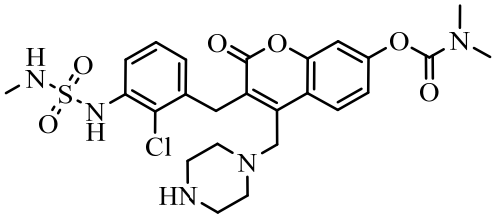
, or

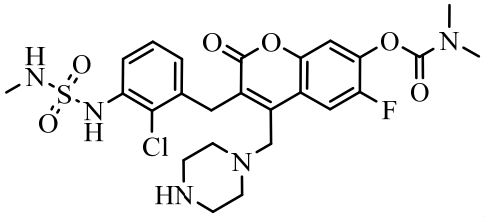
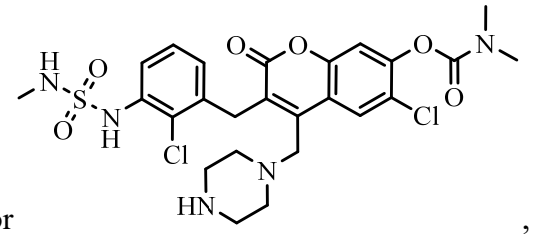


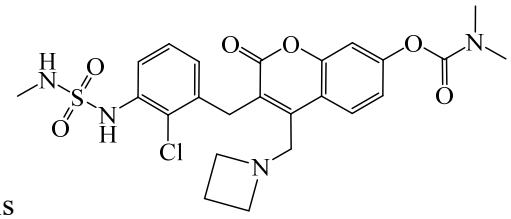
, or a pharmaceutically acceptable salt thereof; or

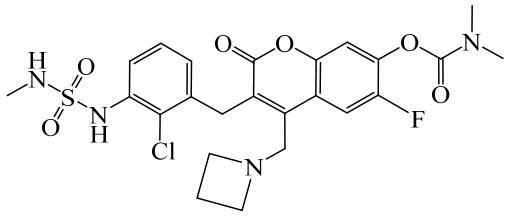
c) the compound is ,

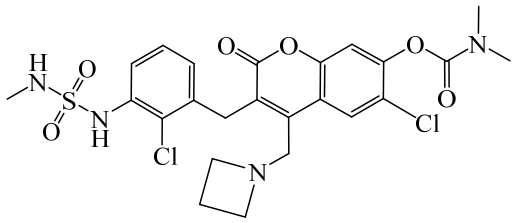
, or , or a pharmaceutically acceptable salt thereof; or

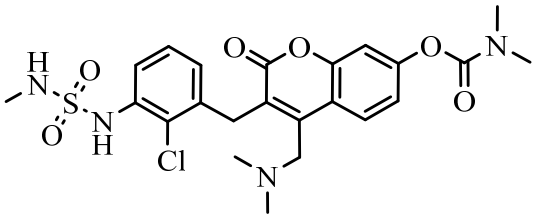
d) the compound is ,

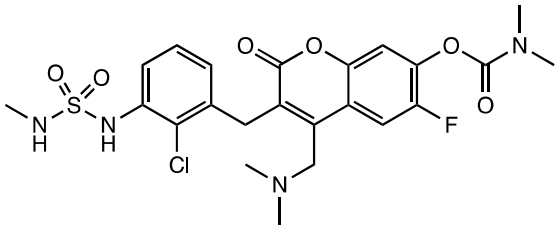
, or , or a pharmaceutically acceptable salt thereof; or

e) the compound is  ,

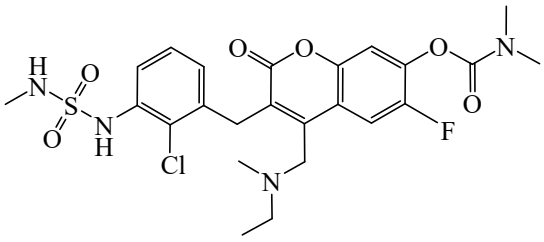
 , or

 , or a pharmaceutically acceptable salt thereof.

5. The compound of claim 1, wherein the compound is  , or a pharmaceutically acceptable salt thereof.

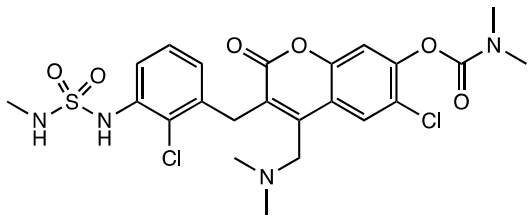
6. The compound of claim 1, wherein the compound is  , or a pharmaceutically acceptable salt thereof.

7. The compound of claim 1, wherein the compound is



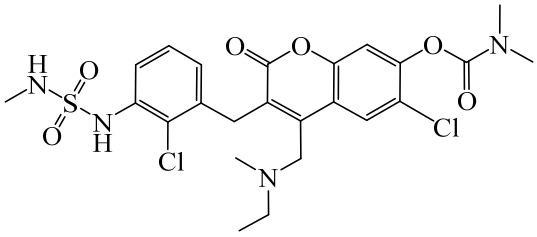
, or a pharmaceutically acceptable salt thereof.

8. The compound of claim 1, wherein the compound is



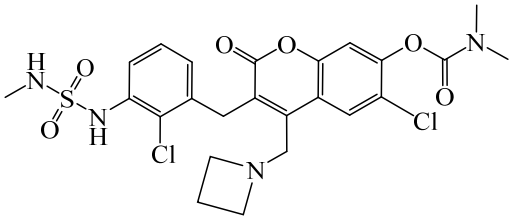
, or, or a pharmaceutically acceptable salt thereof.

9. The compound of claim 1, wherein the compound is



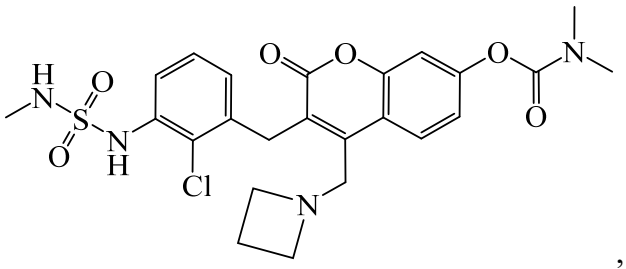
, or a pharmaceutically acceptable salt thereof.

10. The compound of claim 1, wherein the compound is



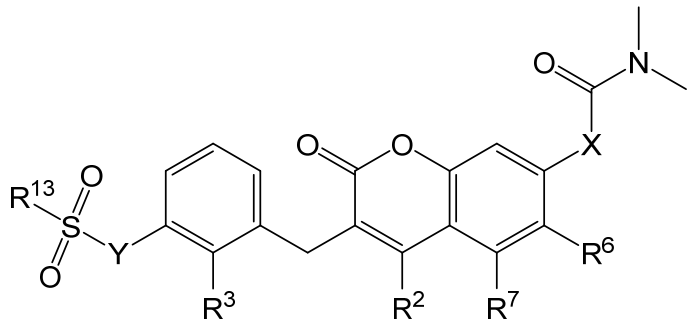
, or a pharmaceutically acceptable salt thereof.

11. The compound of claim 1, wherein the compound is



, or a pharmaceutically acceptable salt thereof.

12. A compound having the structure of Formula (III):



**(III)**

including pharmaceutically acceptable salts thereof,

wherein,

$R^2$ is selected from the group consisting of halogen, H, deuterium, hydroxyl, cyano, nitro, optionally substituted amino, optionally substituted C-amido, optionally substituted N-amido, optionally substituted ester, optionally substituted sulfonyl, optionally substituted S-sulfonamido, optionally substituted N-sulfonamido, optionally substituted sulfonate, optionally substituted O-thiocarbamyl, optionally substituted N-thiocarbamyl, optionally substituted N-carbamyl, optionally substituted O-carbamyl, optionally substituted urea, optionally substituted $C_1$ to $C_6$ alkoxy, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_2$ to $C_6$ alkenyl, optionally substituted $C_2$ to $C_6$ alkynyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, and L;

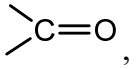
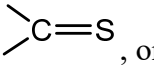
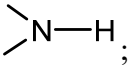
$R^6$ is selected from the group consisting of H halogen, deuterium, hydroxyl, cyano, nitro, optionally substituted amino, optionally substituted C-amido, optionally substituted

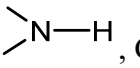
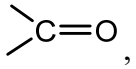
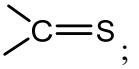
N-amido, optionally substituted ester, optionally substituted sulfonyl, optionally substituted S-sulfonamido, optionally substituted N-sulfonamido, optionally substituted sulfonate, optionally substituted O-thiocarbamyl, optionally substituted N-thiocarbamyl, optionally substituted N-carbamyl, optionally substituted O-carbamyl, optionally substituted urea, optionally substituted $C_1$ to $C_6$ alkoxy, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_2$ to $C_6$ alkenyl, optionally substituted $C_2$ to $C_6$ alkynyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, and L;

$R^7$ is selected from the group consisting of H, deuterium, hydroxyl, halogen, cyano, nitro, optionally substituted amino, optionally substituted C-amido, optionally substituted N-amido, optionally substituted ester, optionally substituted sulfonyl, optionally substituted S-sulfonamido, optionally substituted N-sulfonamido, optionally substituted sulfonate, optionally substituted O-thiocarbamyl, optionally substituted N-thiocarbamyl, optionally substituted N-carbamyl, optionally substituted O-carbamyl, optionally substituted urea, optionally substituted $C_1$ to $C_6$ alkoxy, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_2$ to $C_6$ alkenyl, optionally substituted $C_2$ to $C_6$ alkynyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, and L;

$R^{13}$ is selected from the group consisting of optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted optionally substituted amino, H, deuterium, hydroxyl, halogen, cyano, nitro, optionally substituted C-amido, optionally substituted N-amido, optionally substituted ester, optionally substituted sulfonyl, optionally substituted S-sulfonamido, optionally substituted N-sulfonamido, optionally substituted sulfonate, optionally substituted O-thiocarbamyl, optionally substituted N-thiocarbamyl, optionally substituted N-carbamyl, optionally substituted O-carbamyl, optionally substituted urea, optionally substituted $C_1$ to $C_6$ alkoxy, optionally substituted $C_2$ to $C_6$ alkenyl, optionally substituted $C_2$ to $C_6$ alkynyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, and L;

$R^3$ is a chloro, bromo, or iodo;

X is –O–, $C(R^5)_2$, $CH(R^5)$, $CH_2$, , , or ;

Y is , $C(R^5)_2$, $CH(R^5)$, $CH_2$, –O–, , or ;

L is $–Z_1$-$Z_2$ or $–Z_1$-$Z_2$-$Z_3$;

$Z_1$, is selected from the group consisting of–$CH_2$–, –O–, –S–, S=O, $–SO_2$–, C=O, $–CO_2$–, $–NO_2$, –NH–, $–CH_2CCH$, $–CH_2CN$, , $–NR^5$ $R^{5'}$, –NH(CO) –, –(CO)NH–, $–(CO)NR^5$ $R^{5'}$–, –NH-$SO_2$–, $–SO_2$-NH–, $–R^5CH_2$–, $–R^5O$–, $– R^5S$–, $R^5$-S=O, $– R^5SO_2$–, $R^5$-C=O, $– R^5CO_2$–, $– R^5NH$–, $–R^5NH(CO)$– , $–R^5(CO)NH$–, $– R^5NH$-$SO_2$–, $– R^5SO_2$-NH–, -$NHCH_2CO$-, $–CH_2R^5$–, $–OR^5$–, $–SR^5$–, S=O-$R^5$, $–SO_2R^5$–, C=O-$R^5$, $–CO_2R^5$–, $–NHR^5$–, $–NH(CO)R^5$–, $– (CO)NHR^5$–, –NH-$SO_2R^5$–, $–SO_2$-$NHR^5$–, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, -$CH_2$-(optionally substituted aryl), -$CH_2$-(optionally substituted $C_3$ to $C_8$ cycloalkyl), and -$CH_2$-(optionally substituted $C_3$ to $C_{10}$ heteroaryl);

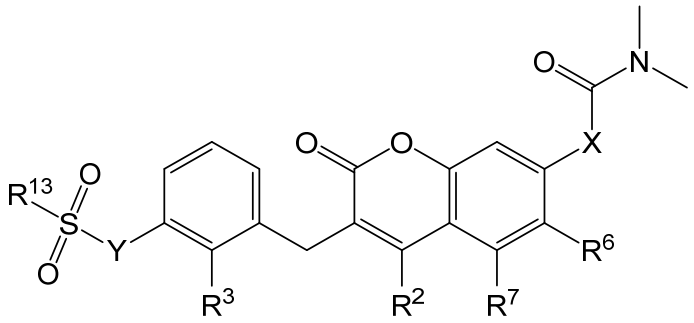
$Z_2$, is selected from the group consisting of $–NR^5$ $R^{5'}$, $–CH_2$–, –O–, –S–, S=O, $–SO_2$–, C=O, $–CO_2$–, $–NO_2$, –NH–, $–CH_2CCH$, $–CH_2CN$,–NH(CO) –, –(CO)NH–, $–(CO)NR^5$ $R^{5'}$–, –NH-$SO_2$–, $–SO_2$-NH–, $–R^5CH_2$–, $–R^5O$–, $– R^5S$–, $R^5$-S=O, $– R^5SO_2$–, $R^5$-C=O, $– R^5CO_2$–, $– R^5NH$–, $–R^5NH(CO)$– , $–R^5(CO)NH$–, $– R^5NH$-$SO_2$–, $– R^5SO_2$-NH–, -$NHCH_2CO$-, $–CH_2R^5$–, $–OR^5$–, $–SR^5$–, S=O-$R^5$, $–SO_2R^5$–, C=O-$R^5$, $–CO_2R^5$–, $–NHR^5$–, $–NH(CO)R^5$–, $– (CO)NHR^5$–, –NH-$SO_2R^5$–, $–SO_2$-$NHR^5$–, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, -$CH_2$-(optionally substituted aryl), -$CH_2$-(optionally substituted $C_3$ to $C_8$ cycloalkyl), and -$CH_2$-(optionally substituted $C_3$ to $C_{10}$ heteroaryl);

$Z_3$ is selected from the group consisting of $–CH_2$–, –O–, –S–, S=O, $–SO_2$–, C=O, $–CO_2$–, $–NO_2$, –NH–, $–CH_2CCH$, $–CH_2CN$, $–NR^5$ $R^{5'}$, –NH(CO) –, –(CO)NH–, $–(CO)NR^5$ $R^{5'}$–, –NH-$SO_2$–, $–SO_2$-NH–, $–R^5CH_2$–, $–R^5O$–, $– R^5S$–, $R^5$-S=O, $– R^5SO_2$–, $R^5$-C=O, $– R^5CO_2$–, $– R^5NH$–, $–R^5NH(CO)$– , $–R^5(CO)NH$–, $– R^5NH$-$SO_2$–, $– R^5SO_2$-NH–, -$NHCH_2CO$-, $–CH_2R^5$–, $–OR^5$–, $–SR^5$–, S=O-$R^5$, $–SO_2R^5$–, C=O-$R^5$, $–CO_2R^5$–, $–NHR^5$–, $–NH(CO)R^5$–, $– (CO)NHR^5$–, –NH-$SO_2R^5$–, $–SO_2$-$NHR^5$–, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_3$ to $C_8$

cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, -$CH_2$-(optionally substituted aryl), -$CH_2$-(optionally substituted $C_3$ to $C_8$ cycloalkyl), and -$CH_2$-(optionally substituted $C_3$ to $C_{10}$ heteroaryl); and

each $R^5$ and $R^{5'}$ are independently selected from optionally substituted $C_1$ to $C_6$ alkyl, H, deuterium, optionally substituted $C_2$ to $C_6$ alkenyl, optionally substituted $C_2$ to $C_6$ alkynyl, optionally substituted $C_3$ to $C_8$ carbocyclyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, and optionally substituted $C_3$ to $C_{10}$ heteroaryl;

or a compound having the structure of Formula (III):




**(III)**

including pharmaceutically acceptable salts thereof,

wherein,

$R^2$ is L;

$R^6$ is selected from the group consisting of H or fluoro, chloro or bromo;

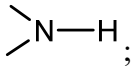
$R^7$ is H;

$R^{13}$ is selected from the group consisting of optionally substituted optionally substituted amin, $C_1$ to $C_6$ alkyl, H, deuterium, hydroxyl, halogen, cyano, nitro, optionally substituted amino, optionally substituted C-amido, optionally substituted N-amido, optionally substituted ester, optionally substituted sulfonyl, optionally substituted S-sulfonamido, optionally substituted N-sulfonamido, optionally substituted sulfonate, optionally substituted O-thiocarbamyl, optionally substituted N-thiocarbamyl, optionally substituted N-carbamyl, optionally substituted O-carbamyl, optionally substituted urea, optionally substituted $C_1$ to $C_6$ alkoxy, optionally substituted $C_2$ to $C_6$ alkenyl, optionally substituted $C_2$ to $C_6$ alkynyl, optionally substituted $C_3$ to $C_8$ cycloalkyl,

optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_8$ heterocyclyl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, and L;

$R^3$ is a chloro;

X is –O–;

Y is ;

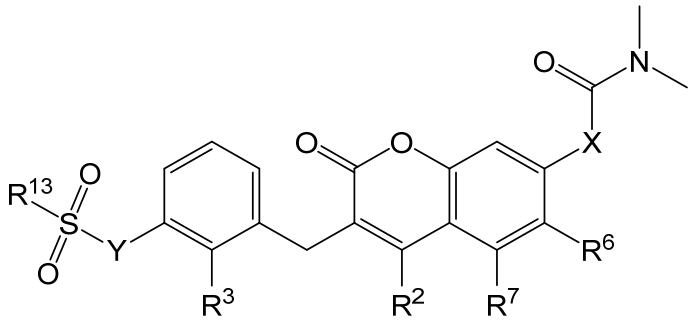
L is $–Z_1\text{-}Z_2$;

$Z_1$ is $–CH_2–$; and

$Z_2$, is selected from the group consisting of $–NR^5\ R^{5'}$, optionally substituted $C_3$ to $C_8$ heterocyclyl, $–CH_2–$, –O–, –S–, S=O, $–SO_2–$, C=O, $–CO_2–$, $–NO_2$, –NH–, $–CH_2CCH$, $–CH_2CN$,–NH(CO) –, –(CO)NH–, $–(CO)NR^5\ R^{5'}–$, $–NH\text{-}SO_2–$, $–SO_2\text{-}NH–$, $–R^5CH_2–$, $–R^5O–$, $–R^5S–$, $R^5\text{-}S=O$, $–R^5SO_2–$, $R^5\text{-}C=O$, $–R^5CO_2–$, $–R^5NH–$, $–R^5NH(CO)–$ , $–R^5(CO)NH–$, $–R^5NH\text{-}SO_2–$, $–R^5SO_2\text{-}NH–$, $-NHCH_2CO-$, $–CH_2R^5–$, $–OR^5–$, $–SR^5–$, $S=O\text{-}R^5$, $–SO_2R^5–$, $C=O\text{-}R^5$, $–CO_2R^5–$, $–NHR^5–$, $–NH(CO)R^5–$, $–(CO)NHR^5–$, $–NH\text{-}SO_2R^5–$, $–SO_2\text{-}NHR^5–$, optionally substituted $C_1$ to $C_6$ alkyl, optionally substituted $C_3$ to $C_8$ cycloalkyl, optionally substituted $C_6$ to $C_{10}$ aryl, optionally substituted $C_3$ to $C_{10}$ heteroaryl, $-CH_2$-(optionally substituted aryl), $-CH_2$-(optionally substituted $C_3$ to $C_8$ cycloalkyl), and $-CH_2$-(optionally substituted $C_3$ to $C_{10}$ heteroaryl); and

each $R^5$ and $R^{5'}$ are independently selected optionally substituted $C_1$ to $C_6$ alkyl;

or a compound having the structure of Formula (III):




**(III)**

including pharmaceutically acceptable salts thereof,

wherein,

$R^2$ is L;

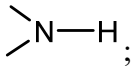
$R^6$ is selected from the group consisting of H or fluoro, chloro or bro.mo;

$R^7$ is H;

$R^{13}$ is $C_1$ to $C_6$ alkyl;

$R^3$ is a chloro;

X is –O–;

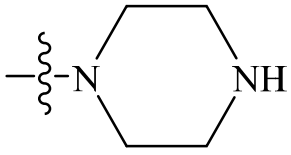
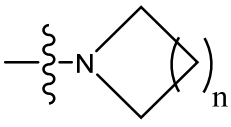
Y is ;

L is $–Z_1$-$Z_2$;

$Z_1$ is $–CH_2–$;

$Z_2$ is $–NR^5 R^{5'}$; and each $R^5$ and $R^{5'}$ are independently selected optionally substituted $C_1$ to $C_6$ alkyl.

13. The compound of claim 12, wherein

a) $Z_2$, is $–NR^5 R^{5'}$, $R^5$ is methyl, and $R^{5'}$ is methyl or ethyl; or $Z_2$ is ; or $Z_2$ is , wherein n is 1, 2, 3 or 4.

b) $R^{13}$ is $-NR_AR_B$ wherein $R_A$ and $R_B$ are each independently selected from hydrogen, or $C_{1-6}$ alkyl; or $R^{13}$ is $C_1$ to $C_6$ alkyl; and

c) $R^6$ is fluoro, chloro or H.

14. A pharmaceutical composition comprising a compound of any one of claims 1-13, or a pharmaceutically acceptable salt thereof.

15. Use of a compound of any one claims 1 to 13 or a pharmaceutical composition of claim 14 in the preparation of a medicament for the treatment of cancer.

16. A compound of any one of claims 1 to 13 or the pharmaceutical composition of claim 14 for use in the treatment of cancer.