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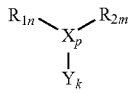
1. A pharmaceutical composition comprising Formula I or IV, or salt thereof and a pharmaceutically acceptable excipient, wherein Formula I and IV comprise:

wherein X is Se;

wherein Y is N or O;



(I)

wherein R1 is H, C, lower alkyl, a lower alcohol, or CN;

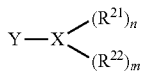
wherein R2 is H, C, lower alkyl, or a lower alcohol, or CN;

wherein n is 0 or 1;

wherein m is 0 or 1;

wherein k is 0, 1, 2, 3, or 4; and,

wherein p is 1 or 2;



(IV)

2

wherein:

X is Se or Se—Se;

n and m are independently 0 or 1; and

wherein R^{21} and R^{22} are independently hydrogen, halo, cyano, phosphate, thio, alkyl, alkenyl, alkynyl, alkoxy, aminoalkyl, cyanoalkyl, hydroxyalkyl, haloalkyl, hydroxyhaloalkyl, alkylsulfonic acid, thiosulfonic acid, alkylthiosulfonic acid, thioalkyl, alkylthio, alkylthioalkyl, alkylaryl, carbonyl, alkylcarbonyl, haloalkylcarbonyl, alkylthiocarbonyl, aminocarbonyl, amino thiocarbonyl, alkylaminothiocarbonyl, haloalkylcarbonyl, alkoxycarbonyl, aminoalkylthio, hydroxyalkylthio, cycloalkyl, cycloalkenyl, aryl, aryloxy, heteroaryloxy, heterocyclyl, heterocyclyloxy, sulfonic acid, sulfonic