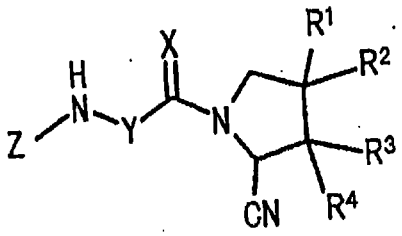
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ABSTRACT

A cyanopyrrolidine derivative represented by Formula (1):



(1)

[wherein R^1 is a halogen atom, a hydroxyl group, an alkoxy group having 1 to 5 carbon atoms or an alkyl group having 1 to 5 carbon atoms, R^2 is a hydrogen atom, a halogen atom, a hydroxyl group, an alkoxy group having 1 to 5 carbon atoms or an alkyl group having 1 to 5 carbon atoms, or R^1 and R^2 together form an oxo, a hydroxyimino group, an alkoxyimino group having 1 to 5 carbon atoms or an alkylidene group having 1 to 5 carbon atoms,

R^3 and R^4 are each a hydrogen atom, a halogen atom, a hydroxyl group, an alkoxy group having 1 to 5 carbon atoms or an alkyl group having 1 to 5 carbon atoms, or R^3 and R^4 together form an oxo, a hydroxyimino group, an alkoxyimino group having 1 to 5 carbon atoms or an alkylidene group having 1 to 5 carbon atoms,

X is an oxygen atom or a sulfur atom,

Y is $-CR^5R^6-$ (wherein R^5 and R^6 are the same or different, and are each a hydrogen atom, a halogen atom, an optionally substituted alkyl group having 1 to 10 carbon atoms or an optionally substituted alkenyl group having 2 to 10 carbon atoms),

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or $-CR^7R^8-CR^9R^{10}-$ (wherein R^7, R^8, R^9 and R^{10} are the same or different, and each a hydrogen atom, a halogen atom or an optionally substituted alkyl group having 1 to 10 carbon atoms, or R^7 and R^9 together with the carbon atom to which they are attached form an optionally substituted cycloalkyl group having 3 to 8 carbon atoms, an optionally substituted cycloalkenyl group having 4 to 8 carbon atoms, an optionally substituted bicycloalkyl group having 5 to 10 carbon atoms, or an optionally substituted bicycloalkenyl group having 5 to 10 carbon atoms) and

Z is a hydrogen atom or an optionally substituted alkyl group having 1 to 10 carbon atoms, or Y and Z together with the nitrogen atom to which they are attached form an optionally substituted cyclic amino group having 2 to 10 carbon atoms], or a pharmaceutically acceptable salt thereof.