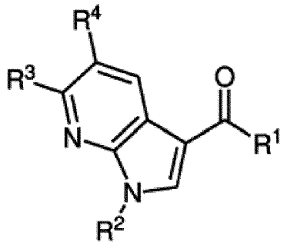
CLAIMS

[Claim 1] A compound represented by General Formula (1) or a pharmaceutically acceptable salt thereof:

[Chem. 1]

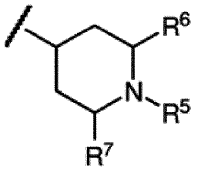


(1)

wherein

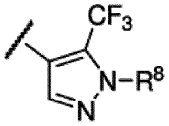
R^1 represents a group represented by General Formula (2) or General Formula (3);

[Chem. 2]



(2)

[Chem. 3]



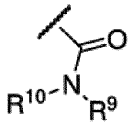
(3)

R^2 represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted cycloalkyl group, or a substituted or unsubstituted heterocyclic group;

R^3 represents a substituted or unsubstituted aryl group, a substituted or unsubstituted heteroaryl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryloxy group, a substituted or unsubstituted heteroaryloxy group, a group represented

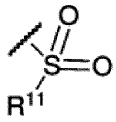
by General Formula (4), or a group represented by General Formula (5);

[Chem. 4]



(4)

[Chem. 5]



(5)

R^4 represents halogen;

R^5 represents a substituted or unsubstituted aryl group or a substituted or unsubstituted heteroaryl group;

R^6 and R^7 each independently represent a hydrogen atom or a substituted or unsubstituted alkyl group;

R^8 represents a substituted or unsubstituted aryl group, a substituted or unsubstituted heteroaryl group, or a substituted or unsubstituted heterocyclic group;

R^9 and R^{10} each independently represent a substituted or unsubstituted alkyl group, a substituted or unsubstituted aryl group, or a substituted or unsubstituted heteroaryl group, and R^9 and R^{10} may be linked to each other to form a ring;

R^{11} represents a substituted or unsubstituted aryl group, a substituted or unsubstituted heteroaryl group, or a substituted or unsubstituted heterocyclic group; and

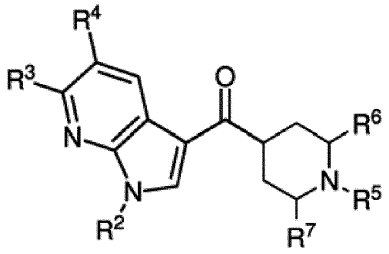
in General Formula (2), General Formula (3), General Formula (4), and General Formula (5), a wavy line represents a bond.

[Claim 2] The compound or a pharmaceutically acceptable salt

thereof according to claim 1, wherein

the compound is a compound represented by General Formula (6),

[Chem. 6]



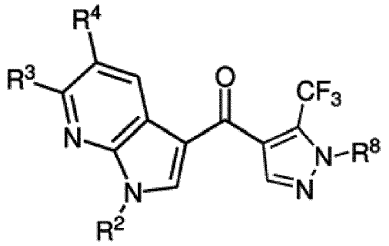
(6)

wherein R^3 represents a substituted or unsubstituted aryl group, a substituted or unsubstituted heteroaryl group, a group represented by General Formula (4), or a group represented by General Formula (5).

[Claim 3] The compound or a pharmaceutically acceptable salt thereof according to claim 1, wherein

the compound is a compound represented by General Formula (7),

[Chem. 7]



(7)

wherein R^3 represents a substituted or unsubstituted aryl group, a substituted or unsubstituted heteroaryl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryloxy group, or a substituted or unsubstituted heteroaryloxy group.

[Claim 4] A compound or a pharmaceutically acceptable salt

thereof, wherein the compound is selected from the group consisting of compounds (1) to (36) below:

(1) [5-chloro-1-(oxetan-3-yl)-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(2) [5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(3) {5-chloro-3-[(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidine-4-carbonyl]-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-1-yl}acetonitrile;

(4) [5-chloro-1-(2-hydroxyethyl)-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(5) 1-(3-{5-chloro-3-[(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidine-4-carbonyl]-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-1-yl}azetidin-1-yl)ethan-1-one;

(6) [5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(7) [5-chloro-1-ethyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(8) [5-chloro-1-propyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(9) [5-chloro-1-(3-hydroxypropyl)-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(10) [5-chloro-1-(oxetan-3-yl)-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(11) [5-chloro-1-methyl-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(12) [5-chloro-1-methyl-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(13) [5-chloro-1-ethyl-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(14) [5-chloro-1-ethyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(15) [5-chloro-1-(3-hydroxypropyl)-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(16) [5-chloro-1-cyclopropyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(17) [5-chloro-1-isopropyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-

2,6-dimethylpiperidin-4-yl]methanone;

(18) [5-chloro-1-ethyl-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(19) [5-chloro-1-(1,1-dioxidotetrahydro-2H-thiopyran-4-yl)-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(20) [5-chloro-1-(oxan-4-yl)-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(21) {5-chloro-1-[(3S)-oxolan-3-yl]-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl}[(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(22) {5-chloro-1-[(3R)-oxolan-3-yl]-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl}[(2R,6R)-1-(5-fluoro-3-iodopyridin-2-yl)-2,6-dimethylpiperidin-4-yl]methanone;

(23) [5-chloro-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(5-fluoronaphthalen-1-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(24) [5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(thieno[2,3-b]pyridin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(25) [5-chloro-1-(oxetan-3-yl)-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(thieno[2,3-c]pyridin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(26) [5-chloro-1-propyl-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-

b]pyridin-3-yl][1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(27) [5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl][1-(pyrazolo[1,5-a]pyridin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(28) [1-(1,2,3-benzothiadiazol-7-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl][5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl]methanone;

(29) [1-(1,2,3-benzothiadiazol-7-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl][5-chloro-1-methyl-6-(pyrimidin-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl]methanone;

(30) 5-{4-[5-chloro-1-cyclobutyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carbonyl]-5-(trifluoromethyl)-1H-pyrazol-1-yl}isoquinolin-1(2H)-one;

(31) 9-{4-[5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carbonyl]-5-(trifluoromethyl)-1H-pyrazol-1-yl}-4H-quinolizin-4-one;

(32) (5-chloro-6-methoxy-1-methyl-1H-pyrrolo[2,3-b]pyridin-3-yl)[1-(8-fluoroisoquinolin-4-yl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methanone;

(33) [(2RS,4RS)-1-(5-bromopyrimidin-4-yl)-2-methylpiperidin-4-yl][5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl]methanone;

(34) [(2RS,4RS)-1-(2-amino-4-fluorophenyl)-2-methylpiperidin-4-yl][5-chloro-1-methyl-6-(2H-1,2,3-triazol-2-yl)-1H-pyrrolo[2,3-b]pyridin-3-yl]methanone;

(35) {5-chloro-3-[(2RS,4RS)-1-(3-chloro-5-fluoropyridin-2-yl)-2-methylpiperidine-4-carbonyl]-1H-pyrrolo[2,3-b]pyridin-6-yl}(piperazin-1-yl)methanone; and

(36) [(2RS,4RS)-1-(3-chloro-5-fluoropyridin-2-yl)-2-methylpiperidin-4-yl][5-chloro-1-methyl-6-(piperazin-1-sulfonyl)-1H-pyrrolo[2,3-b]pyridin-3-yl]methanone.

[Claim 5] A pharmaceutical composition comprising, as an active ingredient, the compound or a pharmaceutically acceptable salt thereof according to any one of claims 1 to 4.

[Claim 6] A MALT1 inhibitor comprising, as an active ingredient, the compound or a pharmaceutically acceptable salt thereof according to any one of claims 1 to 4.

[Claim 7] Use of the compound or a pharmaceutically acceptable salt thereof according to any one of claims 1 to 4 in the manufacture of a medicament for preventing or treating a disease involving MALT1.

[Claim 8] Use of the compound or a pharmaceutically acceptable salt thereof according to any one of claims 1 to 4 in the manufacture of a medicament for treating multiple sclerosis, rheumatoid arthritis, psoriasis, immune thrombocytopenia, spinal cord injury, graft-versus-host disease associated with bone marrow transplantation, rejection associated with organ transplantation, aplastic anemia, Behcet's disease, nephrotic syndrome, generalized myasthenia gravis, atopic dermatitis, diffuse large B-cell lymphoma, MALT lymphoma, mantle cell lymphoma, follicular lymphoma, marginal zone B-cell lymphoma, Burkitt lymphoma, multiple myeloma, BENTA syndrome, adult T-cell leukemia/lymphoma, peripheral T-cell lymphoma, Sezary's syndrome,

primary effusion lymphoma, chronic lymphocytic leukemia/small lymphocytic lymphoma, primary central nervous system malignant lymphoma, intraocular lymphoma, primary macroglobulinemia, lymphoplasmacytic lymphoma, brain tumor, malignant melanoma, non-small cell lung cancer, renal cell carcinoma, head and neck cancer, gastric cancer, malignant pleural mesothelioma, colon and rectal cancer, or esophageal cancer.