represented by the above formula (I) or a prodrug thereof, or a pharmaceutically acceptable salt thereof, or a solvate thereof.

The present invention also provides a pyridine derivative selected from the following compounds (1) to (193) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

(1) 1-(2,5-dimethylbenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(2) 4-methyl-1- (naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H- imidazole-5-carboxylic acid;

(3) ethyl 4-methyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylate;

(4) 4-methyl-2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl)-1H-imidazole-5-carboxylic acid;

(5) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(6) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(7) 4-chloro-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(8) 4-ethyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(9) 4-cyclopropyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(10) 1-(2,5-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(11) 1-(2,5-dichlorobenzyl)-4-ethyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(12) 4-cyclopropyl-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(13) 4-methyl-1-((4-methylnaphthalen-1-yl) methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(14) 4-cyclopropyl-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H- imidazole-5-carboxylic acid;

(15) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(16) 1-(benzo[b]thiophen-3-ylmethyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(17) 4-chloro-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-

carboxylic acid;

(18) 4-isopropyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(19) 4-isopropyl-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(20) 1-(2,5-dichlorobenzyl)-4- isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(21) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(22) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(23) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(24) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4- cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(25) 4-cyclopropyl-2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl) methyl)-1H-imidazole-5-carboxylic acid;

(26) 1-(benzo[b]thiophen-3-ylmethyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(27) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(28) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(29) 4-isopropyl-2-(pyridin-3-yl)-1-((4-trifluoromethyl)benzo[b]thiophen-3-yl) methyl)-1H-imidazole-5-carboxylic acid;

(30) 1-(benzo[b]thiophen-3-ylmethyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(31) 1-(2-chloro-5-fluorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(32) 1-(5-chloro-2-fluorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(33) 1-(2-chloro-5-(trifluoromethyl)benzyl)-4 methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(34) 1-(5-chloro-2-(trifluoromethyl)benzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(35) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(36) 1-(2,5-bis(trifluoromethyl)benzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(37) 1-(2- bromobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(38) 1-(3- bromobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(39) 1-(2,5-dichlorobenzyl)-4- methyl-2-(quinolin-3-yl)-1H-imidazole-5-carboxylic acid;

(40) 1-(3,4-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(41) 1-(2,3-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(42) 1-(3,5-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(43) 1-(3-chloro-5- fluorobenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(44) 1-(2,4-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(45) 1-(2-chloro-5- methylbenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(46) 1-((2,5-dichlorothiophen-3-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(47) 1-((2,4-dichlorothiophen-5-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(48) 1-(benzo[b]thiophen-7-ylmethyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(49) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(50) 1-(benzo[b]thiophen-7-ylmethyl)-4- isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(51) 1-(benzo[b]thiophen-7-ylmethyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(52) 1-((5-fluorobenzo[b]thiophen-7-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(53) 4-cyclopropyl-1-((5-fluorobenzo[b]thiophen-7-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(54) 4-chloro-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(55) 4-bromo-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(56) 1-(2,5-dichlorobenzyl)-4-iodo-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(57) 1-(2,5-dichlorobenzyl)-4-phenyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(58) 1-(2,5-dichlorobenzyl)-4-(3-fluorophenyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(59) 1-(2,5-dichlorobenzyl)-4-(4-fluorophenyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(60) 1-(2,5-dichlorobenzyl)-2,4-di(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(61) 1-(2,5-dichlorobenzyl)-4-methoxy-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(62) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(2,2,2-trifluoroethoxy)-1H-imidazole-5-carboxylic acid;
(63) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(p-tolyloxy)-1H-imidazole-5-carboxylic acid;
(64) 1-(2,5-dichlorobenzyl)-4-(4-fluorophenoxy)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(65) 4-cyano-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(66) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-vinyl-1H-imidazole-5-carboxylic acid;
(67) 4-(1-cyclopenten-1-yl)-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(68) 1-(2,5-dichlorobenzyl)-4-(methylthio)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(69) 1-(2,5-dichlorobenzyl)-4-(ethylthio)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(70) 1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(71) 1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(72) 3-(1-(2,5-dichlorobenzyl)-5-(1H-tetrazol-5-yl)-1H-imidazol-2-yl)pyridine;
(73) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-N-(methylsulfonyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxamide;
(74) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-N-(cyclopropylsulfonyl)-2-

(pyridin-3-yl)-1H-imidazole-5-carboxamide;

(75) 2-(5-fluoropyridin-3-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(76) 2-(5-chloropyridin-3-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(77) 4-methyl-1-(naphthalen-1-ylmethyl)-2-(5-phenoxypyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(78) 1-(benzo[b]thiophen-3-ylmethyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(79) 1-(benzo[b]thiophen-3-ylmethyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(80) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(81) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(82) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(83) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(84) 4-methyl-1-(naphthalen-1-ylmethyl)-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(85) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(86) 1-(2,5-dichlorobenzyl)-4-(trifluoromethyl)-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(87) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(88) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(89) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(5-(trifluoromethyl) pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(90) 2-(5-chloropyridin-3-yl)-4-isopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(91) 2-(5-chloropyridin-3-yl)-4-cyclopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(92) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(93) 2-(5-chloropyridin-3-yl)-4-cyclopropyl-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(94) 4-ethyl-2-(5-fluoropyridin-3-yl)-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(95) 2-(5-chloropyridin-3-yl)-4-ethyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(96) 1-(2,5-dichlorobenzyl)-4-ethyl-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(97) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-ethyl-1H-imidazole-5-carboxylic acid;

(98) 2-(5-fluoropyridin-3-yl)-4-isopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(99) 4-cyclopropyl-2-(5-fluoropyridin-3-yl)-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(100) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(101) 4-cyclopropyl-1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(102) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(103) 1-(2,5-dichlorobenzyl)-2-(5-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(104) 2-(5-cyanopyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(105) 1-(2,5-dichlorobenzyl)-4-methyl-2-(6-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(106) 1-(2,5-dichlorobenzyl)-2-(2-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(107) 1-(2,5-dichlorobenzyl)-2-(6-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(108) 1-(2,5-dichlorobenzyl)-2-(2-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(109) 2-(6-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(110) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(pyrrolidin-1-yl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(111) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-nitropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(112) 2-(5-cyclopropylpyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(113) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(114) 1-(2,5-bis(trifluoromethyl)benzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(115) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(116) 1-(2,5-dichlorobenzyl)-2-(5-hydroxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(117) 1-(2,5-bis(trifluoromethyl)benzyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(118) 1-(2,5-dichlorobenzyl)-2-(5-ethoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(119) 1-(2,5-dichlorobenzyl)-2-(5-isopropoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(120) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-phenylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(121) 2-(5-bromopyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(122) 1-(2,5-dimethylbenzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(123) 2-(5-chloropyridin-3-yl)-1-(2,5-dimethylbenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(124) 1-(2,5-dimethylbenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(125) 1-(2,5-dichlorobenzyl)-2-(5-ethylpyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(126) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(methylthio)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(127) 2-(5-acetylpyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(128) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-propoxypyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(129) 1-(2,5-dichlorobenzyl)-2-(5-isobutoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(130) 2-(5-(cyclohexylmethoxy)pyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(131) 2-(5-(benzyloxy)pyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(132) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(hydroxymethyl)-1H-imidazole-5-carboxylic acid;

(133) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((dimethylamino)methyl)-1H-imidazole-5-carboxylic acid;

(134) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((diethylamino)methyl)-1H-imidazole-5-carboxylic acid;

(135) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(pyrrolidin-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(136) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(piperidin-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(137) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(morpholinomethyl)-1H-imidazole-5-carboxylic acid;

(138) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-methylpiperazin-1-yl) methyl)-1H-imidazole-5-carboxylic acid;

(139) 4-((1H-imidazol-1-yl)methyl)-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(140) 4-((1H-pyrazol-1-yl)methyl)-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(141) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-propylpiperazin-1-yl) methyl)-1H-imidazole-5-carboxylic acid;

(142) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-(methylsulfonyl) piperazin-1-yl)methyl)-1H-imidazole-5-carboxylic acid;

(143) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-(ethylsulfonyl) piperazin-1-yl)methyl)-1H-imidazole-5-carboxylic acid;
(144) 2-(5-bromopyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;
(145) 1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(146) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(difluoromethyl)-1H-imidazole-5-carboxylic acid;
(147) 1-(2,5-dichlorobenzyl)-2-(5-(difluoromethyl) pyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(148) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-ethynyl-1H-imidazole-5-carboxylic acid;
(149) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-4,5-dicarboxylic acid;
(150) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(1-hydroxyethyl)-1H-imidazole-5-carboxylic acid;
(151) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(2-hydroxypropan-2-yl)-1H-imidazole-5-carboxylic acid;
(152) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-1H-imidazole-5-carboxylic acid;
(153) 1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(154) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(3-hydroxypentan-3-yl)-1H-imidazole-5-carboxylic acid;
(155) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-1H-imidazole-5-carboxylic acid;
(156) 1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(157) 4-acetyl-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;
(158) 4-chloro-1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(159) 4-chloro-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;
(160) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-furo[3,4-d]imidazol-6(4H)-one;

(161) 2-(5-chloropyridin-3-yl)-1-(1-(2,5-dichlorophenyl)ethyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(162) 1-((2,5-dichlorothiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(163) 2-(5-chloropyridin-3-yl)-1-((2,5-dichlorothiophen-3-yl)-4-methyl-1H- imidazole-5-carboxylic acid;

(164) 1-((2,5-dichlorothiophen-3-yl)methyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(165) 1-((2,4-dichlorothiophen-5-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(166) 2-(5-chloropyridin-3-yl)-1-((2,4-dichlorothiophen-5-yl)methyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(167) 1-((2,4-dichlorothiophen-5-yl)methyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(168) 1-(2-chloro-5-methylbenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(169) 1-(2-chloro-5-methylbenzyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(170) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(171) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(172) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(173) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-cyclopropyl-1H-imidazole-5-carboxylic acid;

(174) 3-chloro-5-(1-(2,5-dichlorobenzyl)-5-(1H-tetrazol-5-yl)-1H-imidazol-2-yl) pyridine;

(175) 1-(2,5-dimethylbenzyl)-4-methyl-2-(pyridin-4-yl)-1H-imidazole-5-carboxylic acid;

(176) 2-(6-methoxypyridin-2-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(177) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-4-yl)-1H-imidazole-5-carboxylic acid;

(178) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-2-yl)-1H-imidazole-5-carboxylic acid;

(179) 1-(2,5-dichlorobenzyl)-2-(6-methoxypyridin-2-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(180) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-2-yloxy)-1H-imidazole-5-carboxylic acid;

(181) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-3-yloxy)-1H-imidazole-5-carboxylic acid;

(182) 2-((5-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(183) 2-((5-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(184) 1-(2,5-dichlorobenzyl)-4-methyl-2-((2-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;

(185) 2-((2-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(186) 2-((2-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(187) 1-(2,5-dichlorobenzyl)-4-methyl-2-((5-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;

(188) 1-(2,5-dichlorobenzyl)-4-methyl-2-((4-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;

(189) 2-((4-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(190) 2-((4-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(191) 2-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-yl)thio)-2-methylpropanoic acid;

(192) 1-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazol-5-yl)thio) cyclobutanecarboxylic acid; and

(193) 2-((5-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazol-2-yl)thio)-2-methylpropanoic acid.

The present invention also provides a pyridine derivative selected from the following compounds (194) to (227) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

(194) 1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(195) 1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(196) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(197) 1-((2-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(198) 1-((8-bromonaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(199) 1-((4-methylbenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(200) 1-(benzo[b]thiophen-3-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(201) 2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl)-1H-pyrrole-5-carboxylic acid;

(202) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(203) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(204) 1-(2,5-dimethylbenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(205) 1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(206) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(207) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(208) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(209) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-pyrrole-5-carboxylic acid;

(210) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-chloropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(211) 2-(pyridin-3-yl)-1-(quinolin-8-ylmethyl)-1H-pyrrole-5-carboxylic acid;

(212) 1-(benzo[b]thiophen-7-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(213) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(214) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(215) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(216) N-(methylsulfonyl)-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(217) N-(cyclopropylsulfonyl)-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(218) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-N-(methylsulfonyl)-1H-pyrrole-5-carboxamide;

(219) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxamide;

(220) 1-(2,5-dichlorobenzyl)-N-(methylsulfonyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(221) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-N-(methylsulfonyl)-1H-pyrrole-5-carboxamide;

(222) 2-(5-chloropyridin-3-yl)-N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-1H-pyrrole-5-carboxamide;

(223) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(224) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxamide;

(225) (E)-3-(1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrol-5-yl)acrylic acid;

(226) (E)-3-(1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrol-5-yl) acrylic acid; and

(227) (E)-3-(1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrol-5-yl) acrylic acid.

The present invention also provides a prodrug of the pyridine derivative as disclosed herein or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein

the prodrug is (i) compounds in which the carboxyl group in the formula (I) has been C_{1-6} alkyl esterified, phenyl esterified, carboxymethyl esterified, dimethylaminomethyl esterified, pivaloyloxymethyl esterified, ethoxycarbonyloxyethyl esterified, phthalidyl esterified, (5-methyl-2-oxo-1,3-dioxolen-4-yl)methyl esterified, cyclohexyloxycarbonylethyl esterified, or methylamidated, (ii) compounds in which the hydroxyl group in the formula (I) has been acetylated, palmitoylated, propanoylated, pivaloylated, succinylated, fumarylated, alanylated, dimethylaminomethylcarbonylated, or tetrahydropyranylated, (iii) compounds in which the amino group in the formula (I) has been eicosanoylated, alanylated, pentylaminocarbonylated, (5-methyl-2-oxo-1,3-dioxolen-4-yl)methoxycarbonylated, tetrahydrofuranylated, tetrahydropyranylated, pyrrolidylmethylated, pivaloyloxymethylated, or tert-butylated, or (iv) compounds in which R_3 and/or R_4 in the formula (I) is $-CO_2R_5$ or compounds in which R_3 and R_4 are fused to form a lactone ring.

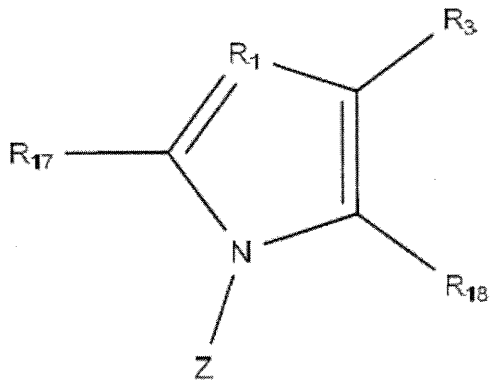
The present invention also provides a pharmaceutical composition comprising the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof as disclosed herein.

The present invention also provides a URAT1 inhibitor comprising as an active ingredient the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof as disclosed herein.

The present invention also provides an agent for treatment or prevention of one or more diseases selected from the group consisting of gout, hyperuricemia, hypertension, renal diseases, diabetes, arteriosclerosis, and Lesch-Nyhan syndrome, comprising as an active ingredient the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof as disclosed herein.

Furthermore, the present invention provides compounds represented by the following formula (II) and formula (III) useful in the synthesis of pyridine derivatives represented by the above formula (I) or a pharmaceutically acceptable salt thereof, or a solvate thereof.

[Chemical Formula 4]



(II)

wherein:

R_1 and R_3 are as defined in the formula (I);

R_{17} represents a chlorine atom, a bromine atom, or an iodine atom;

R_{18} represents a formyl group or -CO2R5;

R_5 in R_3 and R_{18} each independently represents an alkyl group having 1 to 6 carbon atoms; and

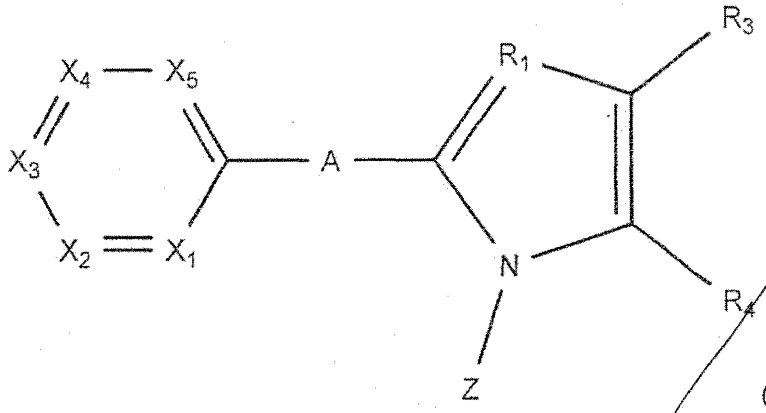
Z represents any of the following substituents, designated Z1 to Z7:

[Chemical Formula 5]

CLAIMS

1. A pyridine derivative represented by the following formula (I) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

[Chemical Formula 1]



(I)

wherein:

A represents a single bond, an oxygen atom, a sulfur atom, NH, or CH_2;

R_1 represents a nitrogen atom or CH; one of X_1 to X_5 represents a nitrogen atom and the remaining four represent CR_2;

R_2 each independently represent a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, an alkenyl group having 2 to 6 carbon atoms, an alkynyl group having 2 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, an alkylcarbonyl group having 2 to 7 carbon atoms, an alkylsulfonyl group having 1 to 6 carbon atoms, a nitro group, an amino group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring, a formyl group, a hydroxyl group, an alkoxy group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, a phenyl group, a cyclohexyl group, and a halogen atom), an alkylthio group having 1 to 6 carbon atoms, a phenyl group

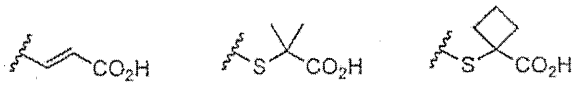
(which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), or a phenoxy group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), with the proviso that when two CR_2's are adjacent ,the two R_2's may optionally be joined together to form a ring;

R_3 represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, an amino group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring, an imidazole ring, a pyrazole ring, a pyrrolidine ring, a piperidine ring, a morpholine ring, and a piperazine ring (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms and an alkylsulfonyl group having 1 to 6 carbon atoms)), an alkenyl group having 2 to 6 carbon atoms, an alkynyl group having 2 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group and a halogen atom), an alkylcarbonyl group having 2 to 7 carbon atoms, an alkylthio group having 1 to 6 carbon atoms, an alkylsulfinyl group having 1 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a pyridyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a phenoxy group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a

carboxyl group, or $-CO_2R_5$;

R_4 represents a carboxyl group, a tetrazolyl group, $-CONHSO_2R_5$, $-CO_2R_5$, or any of the following substituents:

[Chemical Formula 2]

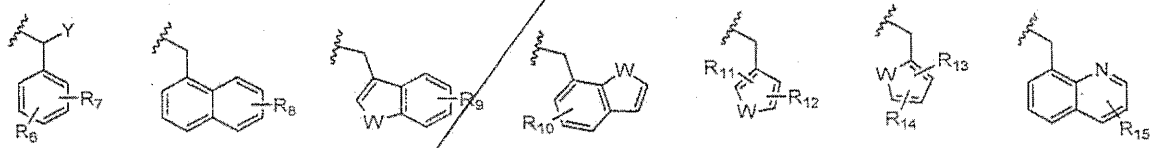


with the proviso that when R_3 is an alkyl group having 1 to 6 carbon atoms substituted with a hydroxyl group and when R_4 is a carboxyl group, then R_3 and R_4 may optionally be fused to form a lactone ring;

R_5 in R_3 and R_4 each independently represents an alkyl group having 1 to 6 carbon atoms;

Z represents any of the following substituents designated Z1 to Z7:

[Chemical Formula 3]



Z1 Z2 Z3 Z4 Z5 Z6 Z7

wherein:

R_6 and R_7 each independently represent a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, a trifluoromethyl group, a trifluoromethoxy group, or a cyano group, with the proviso that the case where R_6 and R_7 are simultaneously hydrogen atoms is excluded;

R_8 represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_9 represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{10} represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{11} and R_{12} each independently represent a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{13} and R_{14} each independently represent a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{15} represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

Y represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms; and

W represents a sulfur atom, an oxygen atom, or NR_{16} (where R_{16} represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, or a benzyl group).

2. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 1, wherein A is a single bond.

3. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 1 or wherein A is an oxygen atom.

4. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 3, wherein R_1 is a nitrogen atom.

5. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 3, wherein R_1 is CH.

6. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 5, wherein, among X_1 to X_5, X_1 or X_2 is a nitrogen atom.

7. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 6, wherein, among four CR_2's, three are CH's and R_2 of the remaining one CR_2 is a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, a nitro group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring, a hydroxyl group, an alkoxy group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, a phenyl group, a cyclohexyl group, and a halogen atom), an alkylthio group having 1 to 6 carbon atoms, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), or a phenoxy group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom).

8. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 7, wherein R_2 is a hydrogen atom, a methyl group, an ethyl group, a cyclopropyl group, a methoxy group, an ethoxy group, a propoxy group, an isopropoxy group, an isobutyloxy group, a benzyloxy group, a methylthio group, a fluorine atom, a chlorine atom, a bromine atom, a cyano group, a hydroxyl group, a pyrolidin-1-yl group, a trifluoromethyl group, a difluoromethyl group, a nitro group, a phenyl group, or a phenoxy group.

9. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 8, wherein, among four CR_2's, three are CH's and the remaining CR_2 is located at X_4.

10. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the

solvate thereof according to claim 9, wherein X_2 is a nitrogen atom.

11. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 10, wherein R_3 is a hydrogen atom, an alkyl group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, an amino group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring , an imidazole ring, a pyrazole ring, a pyrrolidine ring, a piperidine ring, a morpholine ring, and a piperazine ring (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms and an alkylsulfonyl group having 1 to 6 carbon atoms)), an alkoxy group having 1 to 6 carbon atoms, an alkylthio group having 1 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a carboxyl group, or $-CO_2R_5$.

12. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 11, wherein R_3 is a hydrogen atom, a methyl group, an ethyl group, an isopropyl group, a cyclopropyl group, a chlorine atom, a bromine atom, an iodine atom, a trifluoromethyl group, a difluoromethyl group, a methoxy group, a phenyl group, a cyano group, a carboxyl group, $-CO_2R_5$, a hydroxymethyl group, a 1-hydroxyethyl group, a 2-hydroxypropan-2-yl group, a 3-hydroxypentan-3-yl group, a dimethylaminomethyl group, a diethylaminomethyl group, or a morpholin-4-ylmethyl group.

13. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 12, wherein R_4 is a carboxyl group

(which may optionally be fused with R_3 to form a lactone ring when R_3 is an alkyl group having 1 to 6 carbon atoms substituted with a hydroxyl group), a tetrazolyl group, $-CONHSO_2CH_3$, $-CONHSO_2$-cyclopropyl, or $-CO_2R_5$.

14. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claims 1 to 13, wherein Z is Z1, Z2, Z3, or Z4.

15. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 14, wherein Z is Z1, and R_6 and R_7 are, on a phenyl ring, chlorine substituents at 2- and 5-positions, chlorine substituents at 3- and 5-positions, methyl substituents at 2- and 5-positions, trifluoromethyl substituents at 2- and 5-postions, or chlorine and methyl substituents at 2- and 5-positions, respectively;

Z is Z2, and R_8 is, on a naphthalene ring, a hydrogen atom, a 2-methyl group, a 4-methyl group, an 8-methyl group, or an 8-bromo group;

Z is Z3, and R_9 is, on a benzothiophene, benzofuran, or indole ring, a hydrogen atom, a 4-methyl group, a 4-chloro group, a 4-bromo group, a 4-trifluoromethyl group, a 5-methyl group, a 5-chloro group, or a 5-trifluoromethyl group; or

Z is Z4, and R_{10} is, on a benzothiophene, benzofuran, or indole ring, a hydrogen atom or a 5-fluoro group.

16. A pyridine derivative selected from the following compounds (1) to (193) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

(1) 1-(2,5-dimethylbenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(2) 4-methyl-1- (naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H- imidazole-5-carboxylic acid;

(3) ethyl 4-methyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylate;

(4) 4-methyl-2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl)-1H-imidazole-5-carboxylic acid;

(5) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(6) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(7) 4-chloro-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(8) 4-ethyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(9) 4-cyclopropyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(10) 1-(2,5-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(11) 1-(2,5-dichlorobenzyl)-4-ethyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(12) 4-cyclopropyl-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(13) 4-methyl-1-((4-methylnaphthalen-1-yl) methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(14) 4-cyclopropyl-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(15) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(16) 1-(benzo[b]thiophen-3-ylmethyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(17) 4-chloro-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-

carboxylic acid;

(18) 4-isopropyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(19) 4-isopropyl-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(20) 1-(2,5-dichlorobenzyl)-4- isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(21) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(22) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(23) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(24) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4- cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(25) 4-cyclopropyl-2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl) methyl)-1H-imidazole-5-carboxylic acid;

(26) 1-(benzo[b]thiophen-3-ylmethyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(27) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(28) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(29) 4-isopropyl-2-(pyridin-3-yl)-1-((4-trifluoromethyl)benzo[b]thiophen-3-yl)

methyl)-1H-imidazole-5-carboxylic acid;

(30) 1-(benzo[b]thiophen-3-ylmethyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(31) 1-(2-chloro-5-fluorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(32) 1-(5-chloro-2-fluorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(33) 1-(2-chloro-5-(trifluoromethyl)benzyl)-4 methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(34) 1-(5-chloro-2-(trifluoromethyl)benzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(35) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(36) 1-(2,5-bis(trifluoromethyl)benzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(37) 1-(2- bromobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(38) 1-(3- bromobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(39) 1-(2,5-dichlorobenzyl)-4- methyl-2-(quinolin-3-yl)-1H-imidazole-5-carboxylic acid;

(40) 1-(3,4-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(41) 1-(2,3-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(42) 1-(3,5-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(43) 1-(3-chloro-5- fluorobenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(44) 1-(2,4-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(45) 1-(2-chloro-5- methylbenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(46) 1-((2,5-dichlorothiophen-3-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(47) 1-((2,4-dichlorothiophen-5-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(48) 1-(benzo[b]thiophen-7-ylmethyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(49) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(50) 1-(benzo[b]thiophen-7-ylmethyl)-4- isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(51) 1-(benzo[b]thiophen-7-ylmethyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(52) 1-((5-fluorobenzo[b]thiophen-7-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(53) 4-cyclopropyl-1-((5-fluorobenzo[b]thiophen-7-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(54) 4-chloro-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(55) 4-bromo-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(56) 1-(2,5-dichlorobenzyl)-4-iodo-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(57) 1-(2,5-dichlorobenzyl)-4-phenyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(58) 1-(2,5-dichlorobenzyl)-4-(3-fluorophenyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(59) 1-(2,5-dichlorobenzyl)-4-(4-fluorophenyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(60) 1-(2,5-dichlorobenzyl)-2,4-di(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(61) 1-(2,5-dichlorobenzyl)-4-methoxy-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(62) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(2,2,2-trifluoroethoxy)-1H-imidazole-5-carboxylic acid;

(63) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(p-tolyloxy)-1H-imidazole-5-carboxylic acid;

(64) 1-(2,5-dichlorobenzyl)-4-(4-fluorophenoxy)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(65) 4-cyano-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(66) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-vinyl-1H-imidazole-5-carboxylic acid;

(67) 4-(1-cyclopenten-1-yl)-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(68) 1-(2,5-dichlorobenzyl)-4-(methylthio)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(69) 1-(2,5-dichlorobenzyl)-4-(ethylthio)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(70) 1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(71) 1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(72) 3-(1-(2,5-dichlorobenzyl)-5-(1H-tetrazol-5-yl)-1H-imidazol-2-yl)pyridine;

(73) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-N-(methylsulfonyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxamide;

(74) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-N-(cyclopropylsulfonyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxamide;

(75) 2-(5-fluoropyridin-3-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(76) 2-(5-chloropyridin-3-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(77) 4-methyl-1-(naphthalen-1-ylmethyl)-2-(5-phenoxypyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(78) 1-(benzo[b]thiophen-3-ylmethyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(79) 1-(benzo[b]thiophen-3-ylmethyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(80) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(81) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(82) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(83) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(84) 4-methyl-1-(naphthalen-1-ylmethyl)-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(85) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(86) 1-(2,5-dichlorobenzyl)-4-(trifluoromethyl)-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(87) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(88) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(89) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(5-(trifluoromethyl) pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(90) 2-(5-chloropyridin-3-yl)-4-isopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(91) 2-(5-chloropyridin-3-yl)-4-cyclopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(92) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(93) 2-(5-chloropyridin-3-yl)-4-cyclopropyl-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(94) 4-ethyl-2-(5-fluoropyridin-3-yl)-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(95) 2-(5-chloropyridin-3-yl)-4-ethyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(96) 1-(2,5-dichlorobenzyl)-4-ethyl-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(97) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-ethyl-1H-imidazole-5-carboxylic acid;

(98) 2-(5-fluoropyridin-3-yl)-4-isopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(99) 4-cyclopropyl-2-(5-fluoropyridin-3-yl)-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(100) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(101) 4-cyclopropyl-1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(102) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(103) 1-(2,5-dichlorobenzyl)-2-(5-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(104) 2-(5-cyanopyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(105) 1-(2,5-dichlorobenzyl)-4-methyl-2-(6-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(106) 1-(2,5-dichlorobenzyl)-2-(2-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(107) 1-(2,5-dichlorobenzyl)-2-(6-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(108) 1-(2,5-dichlorobenzyl)-2-(2-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(109) 2-(6-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(110) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(pyrrolidin-1-yl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(111) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-nitropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(112) 2-(5-cyclopropylpyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(113) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(114) 1-(2,5-bis(trifluoromethyl)benzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(115) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(116) 1-(2,5-dichlorobenzyl)-2-(5-hydroxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(117) 1-(2,5-bis(trifluoromethyl)benzyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(118) 1-(2,5-dichlorobenzyl)-2-(5-ethoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(119) 1-(2,5-dichlorobenzyl)-2-(5-isopropoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(120) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-phenylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(121) 2-(5-bromopyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(122) 1-(2,5-dimethylbenzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(123) 2-(5-chloropyridin-3-yl)-1-(2,5-dimethylbenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(124) 1-(2,5-dimethylbenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(125) 1-(2,5-dichlorobenzyl)-2-(5-ethylpyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(126) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(methylthio)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(127) 2-(5-acetylpyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(128) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-propoxypyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(129) 1-(2,5-dichlorobenzyl)-2-(5-isobutoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(130) 2-(5-(cyclohexylmethoxy)pyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(131) 2-(5-(benzyloxy)pyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(132) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(hydroxymethyl)-1H-imidazole-5-carboxylic acid;

(133) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((dimethylamino)methyl)-1H-imidazole-5-carboxylic acid;

(134) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((diethylamino)methyl)-1H-imidazole-5-carboxylic acid;

(135) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(pyrrolidin-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(136) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(piperidin-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(137) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(morpholinomethyl)-1H-imidazole-5-carboxylic acid;

(138) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-methylpiperazin-1-yl) methyl)-1H-imidazole-5-carboxylic acid;

(139) 4-((1H-imidazol-1-yl)methyl)-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(140) 4-((1H-pyrazol-1-yl)methyl)-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(141) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-propylpiperazin-1-yl) methyl)-1H-imidazole-5-carboxylic acid;

(142) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-(methylsulfonyl) piperazin-1-yl)methyl)-1H-imidazole-5-carboxylic acid;

(143) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-(ethylsulfonyl) piperazin-1-yl)methyl)-1H-imidazole-5-carboxylic acid;

(144) 2-(5-bromopyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(145) 1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(146) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(difluoromethyl)-1H-imidazole-5-carboxylic acid;

(147) 1-(2,5-dichlorobenzyl)-2-(5-(difluoromethyl) pyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(148) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-ethynyl-1H-imidazole-5-carboxylic acid;

(149) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-4,5-dicarboxylic acid;

(150) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(1-hydroxyethyl)-1H-imidazole-5-carboxylic acid;

(151) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(2-hydroxypropan-2-yl)-1H-imidazole-5-carboxylic acid;

(152) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-1H-imidazole-5-carboxylic acid;

(153) 1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(154) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(3-hydroxypentan-3-yl)-1H-imidazole-5-carboxylic acid;

(155) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-1H-imidazole-5-carboxylic acid;

(156) 1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(157) 4-acetyl-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(158) 4-chloro-1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(159) 4-chloro-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(160) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-furo[3,4-d]imidazol-6(4H)-one;

(161) 2-(5-chloropyridin-3-yl)-1-(1-(2,5-dichlorophenyl)ethyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(162) 1-((2,5-dichlorothiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(163) 2-(5-chloropyridin-3-yl)-1-((2,5-dichlorothiophen-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(164) 1-((2,5-dichlorothiophen-3-yl)methyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(165) 1-((2,4-dichlorothiophen-5-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(166) 2-(5-chloropyridin-3-yl)-1-((2,4-dichlorothiophen-5-yl)methyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(167) 1-((2,4-dichlorothiophen-5-yl)methyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(168) 1-(2-chloro-5-methylbenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(169) 1-(2-chloro-5-methylbenzyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(170) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(171) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(172) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(173) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-cyclopropyl-1H-imidazole-5-carboxylic acid;

(174) 3-chloro-5-(1-(2,5-dichlorobenzyl)-5-(1H-tetrazol-5-yl)-1H-imidazol-2-yl) pyridine;

(175) 1-(2,5-dimethylbenzyl)-4-methyl-2-(pyridin-4-yl)-1H-imidazole-5-carboxylic acid;

(176) 2-(6-methoxypyridin-2-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(177) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-4-yl)-1H-imidazole-5-carboxylic acid;

(178) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-2-yl)-1H-imidazole-5-carboxylic acid;

(179) 1-(2,5-dichlorobenzyl)-2-(6-methoxypyridin-2-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(180) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-2-yloxy)-1H-imidazole-5-carboxylic acid;

(181) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-3-yloxy)-1H-imidazole-5-carboxylic acid;

(182) 2-((5-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(183) 2-((5-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(184) 1-(2,5-dichlorobenzyl)-4-methyl-2-((2-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;

(185) 2-((2-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(186) 2-((2-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(187) 1-(2,5-dichlorobenzyl)-4-methyl-2-((5-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;

(188) 1-(2,5-dichlorobenzyl)-4-methyl-2-((4-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;

(189) 2-((4-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(190) 2-((4-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(191) 2-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-yl)thio)-2-methylpropanoic acid;

(192) 1-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazol-5-yl)thio) cyclobutanecarboxylic acid; and

(193) 2-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazol-2-yl)thio)-2-methylpropanoic acid.

17. A pyridine derivative selected from the following compounds (194) to (227) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

(194) 1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(195) 1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(196) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(197) 1-((2-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(198) 1-((8-bromonaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(199) 1-((4-methylbenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(200) 1-(benzo[b]thiophen-3-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(201) 2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl)-1H-pyrrole-5-carboxylic acid;

(202) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(203) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(204) 1-(2,5-dimethylbenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(205) 1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(206) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(207) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(208) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(209) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-pyrrole-5-carboxylic acid;

(210) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-chloropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(211) 2-(pyridin-3-yl)-1-(quinolin-8-ylmethyl)-1H-pyrrole-5-carboxylic acid;

(212) 1-(benzo[b]thiophen-7-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(213) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(214) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(215) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(216) N-(methylsulfonyl)-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(217) N-(cyclopropylsulfonyl)-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(218) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-N-(methylsulfonyl)-1H-pyrrole-5-carboxamide;

(219) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxamide;

(220) 1-(2,5-dichlorobenzyl)-N-(methylsulfonyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(221) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-N-(methylsulfonyl)-1H-pyrrole-5-carboxamide;

(222) 2-(5-chloropyridin-3-yl)-N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-1H-

pyrrole-5-carboxamide;

(223) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;

(224) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxamide;

(225) (E)-3-(1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrol-5-yl)acrylic acid;

(226) (E)-3-(1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrol-5-yl) acrylic acid; and

(227) (E)-3-(1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrol-5-yl) acrylic acid.

18. A prodrug of the pyridine derivative according to any of claims 1 to 17 or a pharmaceutically acceptable salt thereof, or a solvate thereof.

19. A pharmaceutical composition comprising the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 18.

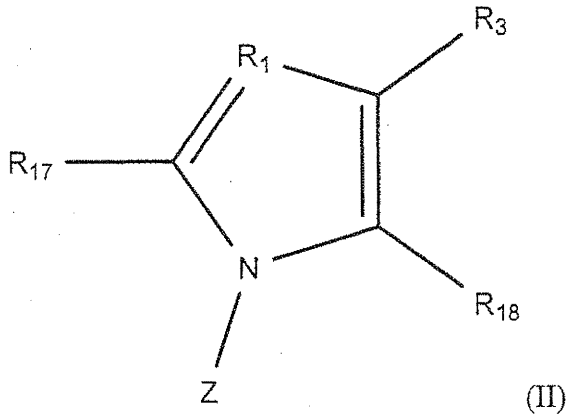
20. A URAT1 inhibitor comprising as an active ingredient the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 18.

21. An agent for treatment or prevention of one or more diseases selected from the group consisting of gout, hyperuricemia, hypertension, renal diseases, diabetes, arteriosclerosis, and Lesch-Nyhan syndrome, comprising as an active ingredient the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 18.

22. A compound represented by the following formula (II) or a pharmacetically

acceptable salt thereof, or a solvate thereof:

[Chemical Formula 4]



(II)

wherein:

R_1 and R_3 are as defined in the formula (I);

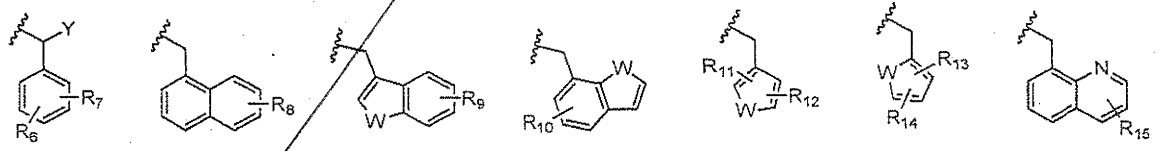
R_{17} represents a chlorine atom, a bromine atom, or an iodine atom;

R_{18} represents a formyl group or $-CO_2R_5$;

R_5 in R_3 and R_{18} each independently represents an alkyl group having 1 to 6 carbon atoms; and

Z represents any of the following substituents designated Z1 to Z7:

[Chemical Formula 5]



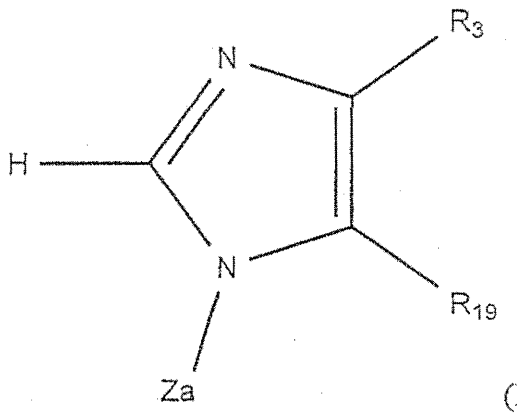
Z1 Z2 Z3 Z4 Z5 Z6 Z7

wherein: R_6 to R_{15}, Y, and W are as defined in the formula (I), with the proviso that 2-chloro-1-(thiophen-2-ylmethyl)-1H-pyrrole-5-carbaldehyde, ethyl 2-bromo-1-(4-methylbenzyl)-1H-pyrrole-5-carboxylate, and dimethyl 2-bromo-1-(2-chlorobenzyl)-1H-imidazole-4,5-dicarboxylate are excluded.

23. A compound represented by the following formula (III) or a pharmaceutically

acceptable salt thereof, or a solvate thereof:

[Chemical Formula 6]



(III)

wherein:

R_3 is as defined in the formula (I);

R_{19} represents $-CO_2R_5$;

R_5 in R_3 and R_{19} each independently represents an alkyl group having 1 to 6 carbon atoms; and

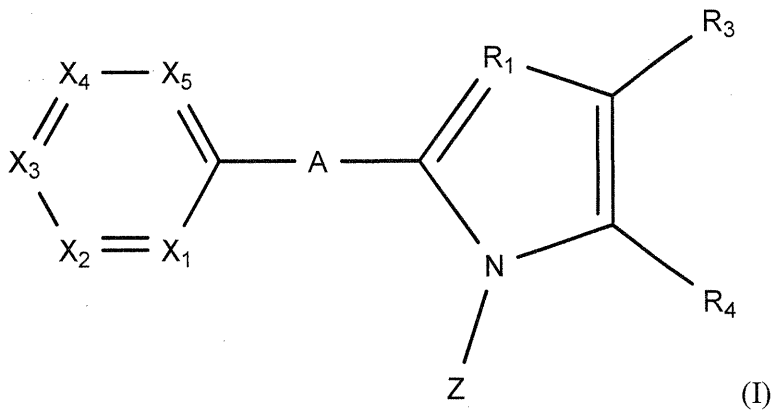
Za represents a 2,5-dichlorobenzyl group, a 3,5-dichlorobenzyl group, a 2,5-dimethylbenzyl group, a 2,5-bis(trifluoromethyl)benzyl group, a 2-chloro-5-methylbenzyl group, a naphthalen-1-ylmethyl group, a (2-methylnaphthalen-1-yl)methyl group, a (4-methylnaphthalen-1-yl)methyl group, a (8-methylnaphthalen-1-yl)methyl group, a (8-bromonaphthalen-1-yl)methyl group, a benzo[b]thiophen-3-ylmethyl group, a (4-methylbenzo[b]thiophen-3-yl)methyl group, a (4-chlorobenzo[b]thiophen-3-yl)methyl group, a (4-bromobenzo[b]thiophen-3-yl)methyl group, a (4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl group, a (5-methylbenzo[b]thiophen-3-yl)methyl group, a (5-chlorobenzo[b]thiophen-3-yl)methyl group, a

(5-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl group, a benzo[b]thiophen-7-ylmethyl group, a (5-fluorobenzo[b]thiophen-7-yl)methyl group, a (2,5-dichlorothiophen-3-yl)methyl group, a (2,4-dichlorothiophen-5-yl)methyl group, or a quinolin-8-ylmethyl group.

CLAIMS

1. A pyridine derivative represented by the following formula (I) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

[Chemical Formula 1]



(I)

wherein:

A represents a single bond or an oxygen atom;

R_1 represents a nitrogen atom or CH; one of X_1 to X_5 represents a nitrogen atom and the remaining four represent CR_2;

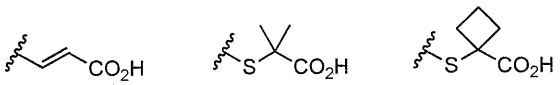
R_2 each independently represent a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, an alkenyl group having 2 to 6 carbon atoms, an alkynyl group having 2 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, an alkylcarbonyl group having 2 to 7 carbon atoms, an alkylsulfonyl group having 1 to 6 carbon atoms, a nitro group, an amino group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring, a formyl group, a hydroxyl group, an alkoxy group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, a phenyl group, a cyclohexyl group, and a halogen atom), an alkylthio group having 1 to 6 carbon atoms, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), or a phenoxy group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), with the proviso that when two CR_2's are adjacent ,the two R_2's may optionally be joined together to form a

ring;

R_3 represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, an amino group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring, an imidazole ring, a pyrazole ring, a pyrrolidine ring, a piperidine ring, a morpholine ring, and a piperazine ring (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms and an alkylsulfonyl group having 1 to 6 carbon atoms)), an alkenyl group having 2 to 6 carbon atoms, an alkynyl group having 2 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group and a halogen atom), an alkylcarbonyl group having 2 to 7 carbon atoms, an alkylthio group having 1 to 6 carbon atoms, an alkylsulfinyl group having 1 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a pyridyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a phenoxy group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a carboxyl group, or $-CO_2R_5$;

R_4 represents a carboxyl group, a tetrazolyl group, $-CONHSO_2R_5$, $-CO_2R_5$, or any of the following substituents:

[Chemical Formula 2]

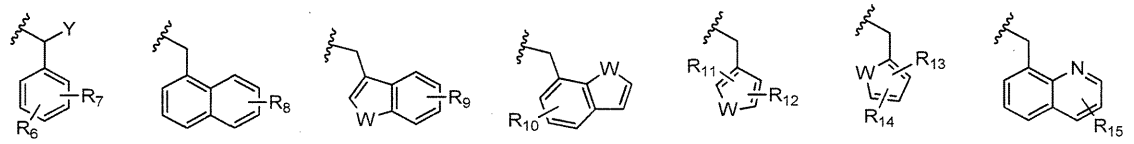


with the proviso that when R_3 is an alkyl group having 1 to 6 carbon atoms substituted with a hydroxyl group and when R_4 is a carboxyl group, then R_3 and R_4 may optionally be fused to form a lactone ring;

R_5 in R_3 and R_4 each independently represents an alkyl group having 1 to 6 carbon atoms;

Z represents any of the following substituents designated Z1 to Z7:

[Chemical Formula 3]



Z1 Z2 Z3 Z4 Z5 Z6 Z7

wherein:

R_6 and R_7 each independently represent a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, a trifluoromethyl group, a trifluoromethoxy group, or a cyano group, with the proviso that the case where R_6 and R_7 are simultaneously hydrogen atoms is excluded;

R_8 represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_9 represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{10} represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{11} and R_{12} each independently represent a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{13} and R_{14} each independently represent a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

R_{15} represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or a trifluoromethyl group;

Y represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms; and

W represents a sulfur atom, an oxygen atom, or NR_{16} (where R_{16} represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, or a benzyl group).

2. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 1, wherein A is a single bond.

3. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 1 or wherein A is an oxygen atom.

4. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 3, wherein R_1 is a nitrogen atom.

5. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the

solvate thereof according to any of claims 1 to 3, wherein R_1 is CH.

6. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 5, wherein, among X_1 to X_5, X_1 or X_2 is a nitrogen atom.

7. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 6, wherein, among four CR_2's, three are CH's and R_2 of the remaining one CR_2 is a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, a nitro group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring, a hydroxyl group, an alkoxy group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, a phenyl group, a cyclohexyl group, and a halogen atom), an alkylthio group having 1 to 6 carbon atoms, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), or a phenoxy group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom).

8. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 7, wherein R_2 is a hydrogen atom, a methyl group, an ethyl group, a cyclopropyl group, a methoxy group, an ethoxy group, a propoxy group, an isopropoxy group, an isobutyloxy group, a benzyloxy group, a methylthio group, a fluorine atom, a chlorine atom, a bromine atom, a cyano group, a hydroxyl group, a pyrolidin-1-yl group, a trifluoromethyl group, a difluoromethyl group, a nitro group, a phenyl group, or a phenoxy group.

9. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 8, wherein, among four CR_2's, three are CH's and the remaining CR_2 is located at X_4.

10. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 9, wherein X_2 is a nitrogen atom.

11. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 10, wherein R_3 is a hydrogen atom, an

alkyl group having 1 to 6 carbon atoms (which may optionally be substituted with one or more of a hydroxyl group, an amino group, a dialkylamino group having 1 to 6 carbon atoms which may optionally form a ring , an imidazole ring, a pyrazole ring, a pyrrolidine ring, a piperidine ring, a morpholine ring, and a piperazine ring (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms and an alkylsulfonyl group having 1 to 6 carbon atoms)), an alkoxy group having 1 to 6 carbon atoms, an alkylthio group having 1 to 6 carbon atoms, a halogen atom, a trifluoromethyl group, a difluoromethyl group, a cyano group, a phenyl group (which may optionally be substituted with one or more of an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, and a halogen atom), a carboxyl group, or $-CO_2R_5$.

12. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 11, wherein R_3 is a hydrogen atom, a methyl group, an ethyl group, an isopropyl group, a cyclopropyl group, a chlorine atom, a bromine atom, an iodine atom, a trifluoromethyl group, a difluoromethyl group, a methoxy group, a phenyl group, a cyano group, a carboxyl group, $-CO_2R_5$, a hydroxymethyl group, a 1-hydroxyethyl group, a 2-hydroxypropan-2-yl group, a 3-hydroxypentan-3-yl group, a dimethylaminomethyl group, a diethylaminomethyl group, or a morpholin-4-ylmethyl group.

13. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 12, wherein R_4 is a carboxyl group (which may optionally be fused with R_3 to form a lactone ring when R_3 is an alkyl group having 1 to 6 carbon atoms substituted with a hydroxyl group), a tetrazolyl group, $-CONHSO_2CH_3$, $-CONHSO_2$-cyclopropyl, or $-CO_2R_5$.

14. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claims 1 to 13, wherein Z is Z1, Z2, Z3, or Z4.

15. The pyridine derivative or the pharmaceutically acceptable salt thereof, or the solvate thereof according to claim 14, wherein Z is Z1, and R_6 and R_7 are, on a phenyl ring, chlorine substituents at 2- and 5-positions, chlorine substituents at 3- and 5-positions, methyl substituents at 2- and 5-positions, trifluoromethyl substituents at 2- and 5-postions, or chlorine and methyl substituents at 2- and 5-positions, respectively;

Z is Z2, and R_8 is, on a naphthalene ring, a hydrogen atom, a 2-methyl group, a 4-

methyl group, an 8-methyl group, or an 8-bromo group;

Z is Z3, and R_9 is, on a benzothiophene, benzofuran, or indole ring, a hydrogen atom, a 4-methyl group, a 4-chloro group, a 4-bromo group, a 4-trifluoromethyl group, a 5-methyl group, a 5-chloro group, or a 5-trifluoromethyl group; or

Z is Z4, and R_{10} is, on a benzothiophene, benzofuran, or indole ring, a hydrogen atom or a 5-fluoro group.

16. A pyridine derivative selected from the following compounds (1) to (193) or a pharmaceutically acceptable salt thereof, or a solvate thereof:

(1) 1-(2,5-dimethylbenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(2) 4-methyl-1- (naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H- imidazole-5-carboxylic acid;

(3) ethyl 4-methyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylate;

(4) 4-methyl-2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl)-1H-imidazole-5-carboxylic acid;

(5) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(6) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(7) 4-chloro-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(8) 4-ethyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(9) 4-cyclopropyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(10) 1-(2,5-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(11) 1-(2,5-dichlorobenzyl)-4-ethyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(12) 4-cyclopropyl-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(13) 4-methyl-1-((4-methylnaphthalen-1-yl) methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(14) 4-cyclopropyl-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-

imidazole-5-carboxylic acid;

(15) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(16) 1-(benzo[b]thiophen-3-ylmethyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(17) 4-chloro-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(18) 4-isopropyl-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(19) 4-isopropyl-1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(20) 1-(2,5-dichlorobenzyl)-4- isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(21) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(22) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(23) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(24) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4- cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(25) 4-cyclopropyl-2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl) methyl)-1H-imidazole-5-carboxylic acid;

(26) 1-(benzo[b]thiophen-3-ylmethyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(27) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(28) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(29) 4-isopropyl-2-(pyridin-3-yl)-1-((4-trifluoromethyl)benzo[b]thiophen-3-yl) methyl)-1H-imidazole-5-carboxylic acid;

(30) 1-(benzo[b]thiophen-3-ylmethyl)-4-isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(31) 1-(2-chloro-5-fluorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(32) 1-(5-chloro-2-fluorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(33) 1-(2-chloro-5-(trifluoromethyl)benzyl)-4 methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(34) 1-(5-chloro-2-(trifluoromethyl)benzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(35) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(36) 1-(2,5-bis(trifluoromethyl)benzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(37) 1-(2- bromobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(38) 1-(3- bromobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(39) 1-(2,5-dichlorobenzyl)-4- methyl-2-(quinolin-3-yl)-1H-imidazole-5-carboxylic acid;
(40) 1-(3,4-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(41) 1-(2,3-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(42) 1-(3,5-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(43) 1-(3-chloro-5- fluorobenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(44) 1-(2,4-dichlorobenzyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(45) 1-(2-chloro-5- methylbenzyl)-4-methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(46) 1-((2,5-dichlorothiophen-3-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(47) 1-((2,4-dichlorothiophen-5-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(48) 1-(benzo[b]thiophen-7-ylmethyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(49) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(50) 1-(benzo[b]thiophen-7-ylmethyl)-4- isopropyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(51) 1-(benzo[b]thiophen-7-ylmethyl)-2-(pyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(52) 1-((5-fluorobenzo[b]thiophen-7-yl)methyl)-4- methyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(53) 4-cyclopropyl-1-((5-fluorobenzo[b]thiophen-7-yl)methyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(54) 4-chloro-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(55) 4-bromo-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(56) 1-(2,5-dichlorobenzyl)-4-iodo-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(57) 1-(2,5-dichlorobenzyl)-4-phenyl-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(58) 1-(2,5-dichlorobenzyl)-4-(3-fluorophenyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(59) 1-(2,5-dichlorobenzyl)-4-(4-fluorophenyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(60) 1-(2,5-dichlorobenzyl)-2,4-di(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(61) 1-(2,5-dichlorobenzyl)-4-methoxy-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(62) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(2,2,2-trifluoroethoxy)-1H-imidazole-5-carboxylic acid;

(63) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-(p-tolyloxy)-1H-imidazole-5-carboxylic acid;

(64) 1-(2,5-dichlorobenzyl)-4-(4-fluorophenoxy)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(65) 4-cyano-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(66) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-4-vinyl-1H-imidazole-5-carboxylic acid;

(67) 4-(1-cyclopenten-1-yl)-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(68) 1-(2,5-dichlorobenzyl)-4-(methylthio)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(69) 1-(2,5-dichlorobenzyl)-4-(ethylthio)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(70) 1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(71) 1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(72) 3-(1-(2,5-dichlorobenzyl)-5-(1H-tetrazol-5-yl)-1H-imidazol-2-yl)pyridine;
(73) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-N-(methylsulfonyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxamide;
(74) 1-(benzo[b]thiophen-7-ylmethyl)-4-cyclopropyl-N-(cyclopropylsulfonyl)-2-(pyridin-3-yl)-1H-imidazole-5-carboxamide;
(75) 2-(5-fluoropyridin-3-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(76) 2-(5-chloropyridin-3-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(77) 4-methyl-1-(naphthalen-1-ylmethyl)-2-(5-phenoxypyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(78) 1-(benzo[b]thiophen-3-ylmethyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(79) 1-(benzo[b]thiophen-3-ylmethyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(80) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(81) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(82) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;
(83) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(trifluoromethyl)-1H-imidazole-5-carboxylic acid;

(84) 4-methyl-1-(naphthalen-1-ylmethyl)-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(85) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(86) 1-(2,5-dichlorobenzyl)-4-(trifluoromethyl)-2-(5-(trifluoromethyl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(87) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(88) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(89) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-4-methyl-2-(5-(trifluoromethyl) pyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(90) 2-(5-chloropyridin-3-yl)-4-isopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(91) 2-(5-chloropyridin-3-yl)-4-cyclopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(92) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-isopropyl-1H-imidazole-5-carboxylic acid;
(93) 2-(5-chloropyridin-3-yl)-4-cyclopropyl-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;
(94) 4-ethyl-2-(5-fluoropyridin-3-yl)-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(95) 2-(5-chloropyridin-3-yl)-4-ethyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(96) 1-(2,5-dichlorobenzyl)-4-ethyl-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(97) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-ethyl-1H-imidazole-5-carboxylic acid;
(98) 2-(5-fluoropyridin-3-yl)-4-isopropyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(99) 4-cyclopropyl-2-(5-fluoropyridin-3-yl)-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-

carboxylic acid;

(100) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-isopropyl-1H-imidazole-5-carboxylic acid;

(101) 4-cyclopropyl-1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(102) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(103) 1-(2,5-dichlorobenzyl)-2-(5-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(104) 2-(5-cyanopyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(105) 1-(2,5-dichlorobenzyl)-4-methyl-2-(6-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(106) 1-(2,5-dichlorobenzyl)-2-(2-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(107) 1-(2,5-dichlorobenzyl)-2-(6-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(108) 1-(2,5-dichlorobenzyl)-2-(2-methoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(109) 2-(6-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(110) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(pyrrolidin-1-yl)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(111) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-nitropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(112) 2-(5-cyclopropylpyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(113) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(114) 1-(2,5-bis(trifluoromethyl)benzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(115) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(116) 1-(2,5-dichlorobenzyl)-2-(5-hydroxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(117) 1-(2,5-bis(trifluoromethyl)benzyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(118) 1-(2,5-dichlorobenzyl)-2-(5-ethoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(119) 1-(2,5-dichlorobenzyl)-2-(5-isopropoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(120) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-phenylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(121) 2-(5-bromopyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(122) 1-(2,5-dimethylbenzyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(123) 2-(5-chloropyridin-3-yl)-1-(2,5-dimethylbenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(124) 1-(2,5-dimethylbenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(125) 1-(2,5-dichlorobenzyl)-2-(5-ethylpyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(126) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-(methylthio)pyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(127) 2-(5-acetylpyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(128) 1-(2,5-dichlorobenzyl)-4-methyl-2-(5-propoxypyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(129) 1-(2,5-dichlorobenzyl)-2-(5-isobutoxypyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(130) 2-(5-(cyclohexylmethoxy)pyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(131) 2-(5-(benzyloxy)pyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-

carboxylic acid;

(132) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(hydroxymethyl)-1H-imidazole-5-carboxylic acid;

(133) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((dimethylamino)methyl)-1H-imidazole-5-carboxylic acid;

(134) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((diethylamino)methyl)-1H-imidazole-5-carboxylic acid;

(135) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(pyrrolidin-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(136) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(piperidin-1-ylmethyl)-1H-imidazole-5-carboxylic acid;

(137) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(morpholinomethyl)-1H-imidazole-5-carboxylic acid;

(138) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-methylpiperazin-1-yl) methyl)-1H-imidazole-5-carboxylic acid;

(139) 4-((1H-imidazol-1-yl)methyl)-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(140) 4-((1H-pyrazol-1-yl)methyl)-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(141) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-propylpiperazin-1-yl) methyl)-1H-imidazole-5-carboxylic acid;

(142) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-(methylsulfonyl) piperazin-1-yl)methyl)-1H-imidazole-5-carboxylic acid;

(143) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-((4-(ethylsulfonyl) piperazin-1-yl)methyl)-1H-imidazole-5-carboxylic acid;

(144) 2-(5-bromopyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(145) 1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(146) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(difluoromethyl)-1H-imidazole-5-carboxylic acid;

(147) 1-(2,5-dichlorobenzyl)-2-(5-(difluoromethyl) pyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(148) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-ethynyl-1H-imidazole-5-carboxylic acid;

(149) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-4,5-dicarboxylic acid;

(150) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(1-hydroxyethyl)-1H-imidazole-5-carboxylic acid;

(151) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(2-hydroxypropan-2-yl)-1H-imidazole-5-carboxylic acid;

(152) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-1H-imidazole-5-carboxylic acid;

(153) 1-(2,5-dichlorobenzyl)-4-(2-hydroxypropan-2-yl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(154) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-4-(3-hydroxypentan-3-yl)-1H-imidazole-5-carboxylic acid;

(155) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-1H-imidazole-5-carboxylic acid;

(156) 1-(2,5-dichlorobenzyl)-4-(3-hydroxypentan-3-yl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(157) 4-acetyl-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(158) 4-chloro-1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;

(159) 4-chloro-2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-carboxylic acid;

(160) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-furo[3,4-d]imidazol-6(4H)-one;

(161) 2-(5-chloropyridin-3-yl)-1-(1-(2,5-dichlorophenyl)ethyl)-4-methyl-1H-imidazole-5-carboxylic acid;

(162) 1-((2,5-dichlorothiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;

(163) 2-(5-chloropyridin-3-yl)-1-((2,5-dichlorothiophen-3-yl)-4-methyl-1H-

imidazole-5-carboxylic acid;
(164) 1-((2,5-dichlorothiophen-3-yl)methyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(165) 1-((2,4-dichlorothiophen-5-yl)methyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(166) 2-(5-chloropyridin-3-yl)-1-((2,4-dichlorothiophen-5-yl)methyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(167) 1-((2,4-dichlorothiophen-5-yl)methyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(168) 1-(2-chloro-5-methylbenzyl)-4-methyl-2-(5-methylpyridin-3-yl)-1H-imidazole-5-carboxylic acid;
(169) 1-(2-chloro-5-methylbenzyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(170) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(171) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-fluoropyridin-3-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(172) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-isopropyl-1H-imidazole-5-carboxylic acid;
(173) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-4-cyclopropyl-1H-imidazole-5-carboxylic acid;
(174) 3-chloro-5-(1-(2,5-dichlorobenzyl)-5-(1H-tetrazol-5-yl)-1H-imidazol-2-yl) pyridine;
(175) 1-(2,5-dimethylbenzyl)-4-methyl-2-(pyridin-4-yl)-1H-imidazole-5-carboxylic acid;
(176) 2-(6-methoxypyridin-2-yl)-4-methyl-1-(naphthalen-1-ylmethyl)-1H-imidazole-5-carboxylic acid;
(177) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-4-yl)-1H-imidazole-5-carboxylic acid;
(178) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-2-yl)-1H-imidazole-5-carboxylic acid;

(179) 1-(2,5-dichlorobenzyl)-2-(6-methoxypyridin-2-yl)-4-methyl-1H-imidazole-5-carboxylic acid;
(180) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-2-yloxy)-1H-imidazole-5-carboxylic acid;
(181) 1-(2,5-dichlorobenzyl)-4-methyl-2-(pyridin-3-yloxy)-1H-imidazole-5-carboxylic acid;
(182) 2-((5-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(183) 2-((5-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(184) 1-(2,5-dichlorobenzyl)-4-methyl-2-((2-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;
(185) 2-((2-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(186) 2-((2-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(187) 1-(2,5-dichlorobenzyl)-4-methyl-2-((5-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;
(188) 1-(2,5-dichlorobenzyl)-4-methyl-2-((4-methylpyridin-3-yl)oxy)-1H-imidazole-5-carboxylic acid;
(189) 2-((4-chloropyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(190) 2-((4-bromopyridin-3-yl)oxy)-1-(2,5-dichlorobenzyl)-4-methyl-1H-imidazole-5-carboxylic acid;
(191) 2-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazole-5-yl)thio)-2-methylpropanoic acid;
(192) 1-((2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazol-5-yl)thio) cyclobutanecarboxylic acid; and
(193) 2-((5-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-imidazol-2-yl)thio)-2-methylpropanoic acid.

17. A pyridine derivative selected from the following compounds (194) to (227) or a

pharmaceutically acceptable salt thereof, or a solvate thereof:

(194) 1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(195) 1-((4-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(196) 1-((4-bromobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(197) 1-((2-methylnaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(198) 1-((8-bromonaphthalen-1-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(199) 1-((4-methylbenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(200) 1-(benzo[b]thiophen-3-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(201) 2-(pyridin-3-yl)-1-((4-(trifluoromethyl)benzo[b]thiophen-3-yl)methyl)-1H-pyrrole-5-carboxylic acid;

(202) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(203) 1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(204) 1-(2,5-dimethylbenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(205) 1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(206) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(207) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(208) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(209) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-1H-pyrrole-5-carboxylic acid;

(210) 1-((4-chlorobenzo[b]thiophen-3-yl)methyl)-2-(5-chloropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(211) 2-(pyridin-3-yl)-1-(quinolin-8-ylmethyl)-1H-pyrrole-5-carboxylic acid;

(212) 1-(benzo[b]thiophen-7-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxylic acid;

(213) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-

carboxylic acid;
(214) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;
(215) 1-(benzo[b]thiophen-7-ylmethyl)-2-(5-chloropyridin-3-yl)-1H-pyrrole-5-carboxylic acid;
(216) N-(methylsulfonyl)-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;
(217) N-(cyclopropylsulfonyl)-1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;
(218) 1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-N-(methylsulfonyl)-1H-pyrrole-5-carboxamide;
(219) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrole-5-carboxamide;
(220) 1-(2,5-dichlorobenzyl)-N-(methylsulfonyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;
(221) 2-(5-chloropyridin-3-yl)-1-(2,5-dichlorobenzyl)-N-(methylsulfonyl)-1H-pyrrole-5-carboxamide;
(222) 2-(5-chloropyridin-3-yl)-N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-1H-pyrrole-5-carboxamide;
(223) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(pyridin-3-yl)-1H-pyrrole-5-carboxamide;
(224) N-(cyclopropylsulfonyl)-1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrole-5-carboxamide;
(225) (E)-3-(1-(naphthalen-1-ylmethyl)-2-(pyridin-3-yl)-1H-pyrrol-5-yl)acrylic acid;
(226) (E)-3-(1-(2,5-dichlorobenzyl)-2-(5-methylpyridin-3-yl)-1H-pyrrol-5-yl) acrylic acid; and
(227) (E)-3-(1-(2,5-dichlorobenzyl)-2-(5-fluoropyridin-3-yl)-1H-pyrrol-5-yl) acrylic acid.

18. A prodrug of the pyridine derivative according to any of claims 1 to 17 or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein the prodrug is (i) compounds in which the carboxyl group in the formula (I) has been C_{1-6} alkyl esterified,

phenyl esterified, carboxymethyl esterified, dimethylaminomethyl esterified, pivaloyloxymethyl esterified, ethoxycarbonyloxyethyl esterified, phthalidyl esterified, (5-methyl-2-oxo-1,3-dioxolen-4-yl)methyl esterified, cyclohexyloxycarbonylethyl esterified, or methylamidated, (ii) compounds in which the hydroxyl group in the formula (I) has been acetylated, palmitoylated, propanoylated, pivaloylated, succinylated, fumarylated, alanylated, dimethylaminomethylcarbonylated, or tetrahydropyranylated, (iii) compounds in which the amino group in the formula (I) has been eicosanoylated, alanylated, pentylaminocarbonylated, (5-methyl-2-oxo-1,3-dioxolen-4-yl)methoxycarbonylated, tetrahydrofuranylated, tetrahydropyranylated, pyrrolidylmethylated, pivaloyloxymethylated, or tert-butylated, or (iv) compounds in which R_3 and/or R_4 in the formula (I) is $-CO_2R_5$ or compounds in which R_3 and R_4 are fused to form a lactone ring.

19. A pharmaceutical composition comprising the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 18.

20. A URAT1 inhibitor comprising as an active ingredient the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 18.

21. An agent for treatment or prevention of one or more diseases selected from the group consisting of gout, hyperuricemia, hypertension, renal diseases, diabetes, arteriosclerosis, and Lesch-Nyhan syndrome, comprising as an active ingredient the pyridine derivative or the prodrug thereof, or the pharmaceutically acceptable salt thereof, or the solvate thereof according to any of claims 1 to 18.