

3-(4-morpholino-6-(trifluoromethyl)-8,9-dihydro-6H-[1,4]oxazino[3,4-e]purin-2-yl)phenol,

5-(4-((2S,6R)-2,6-dimethylmorpholino)-6,6-dimethyl-8,9-dihydro-6H-[1,4]oxazino[3,4-e]purin-2-yl)pyrimidin-2-amine,

5-(4-(2,2-dimethylmorpholino)-6,6-dimethyl-8,9-dihydro-6H-[1,4]oxazino[3,4-e]purin-2-yl)pyrimidin-2-amine,

N-(5-(6,6-dimethyl-4-morpholino-8,9-dihydro-6H-[1,4]oxazino[3,4-e]purin-2-yl)pyrimidin-2-yl)acetamide,

5-(4-((1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)-6,6-dimethyl-8,9-dihydro-6H-[1,4]oxazino[3,4-e]purin-2-yl)pyrimidin-2-amine,

10 2-(2-aminopyrimidin-5-yl)-6-methyl-4-morpholino-6,7-dihydropyrazino[2,1-e]purin-8(9H)-one,
5-(6,7-dimethyl-4-morpholino-6,7,8,9-tetrahydropyrazino[2,1-e]purin-2-yl)pyrimidin-2-amine;
and

(5-(8,8-Dimethyl-1-morpholin-4-yl-5,6-dihydro-8H-7-oxa-2,4,4b-triaza-fluoren-3-yl)-pyrimidin-2-yl)amine.

15 19. A pharmaceutical composition comprised of a compound of any one of claims 1-18 and a pharmaceutically acceptable carrier, glidant, diluent, or excipient.

20 20. The pharmaceutical composition according to claim 19, further comprising an additional therapeutic agent selected from a chemotherapeutic agent, an anti-inflammatory agent, an immunomodulatory agent, a neurotropic factor, an agent for treating cardiovascular disease, an agent for treating liver disease, an anti-viral agent, an agent for treating blood disorders, an agent for treating diabetes, and an agent for treating immunodeficiency disorders.

25 ~~21. A method of treating cancer in a patient comprised of administering to said patient a therapeutically effective amount of a compound of any of claims 1-18 wherein the cancer is breast, ovary, cervix, prostate, testis, genitourinary tract, esophagus, larynx, glioblastoma, neuroblastoma, stomach, skin, keratoacanthoma, lung, epidermoid carcinoma, large cell carcinoma, non-small cell lung carcinoma (NSCLC),~~

~~small cell carcinoma, lung adenocarcinoma, bone, colon, adenoma, pancreas, adenocarcinoma, thyroid, follicular carcinoma, undifferentiated carcinoma, papillary carcinoma, seminoma, melanoma, sarcoma, bladder carcinoma, liver carcinoma and biliary passages, kidney carcinoma, renal, pancreatic, myeloid disorders, lymphoma, hairy cells, buccal cavity, naso-pharyngeal, pharynx, lip, tongue, mouth, small intestine, colon-rectum, large intestine, rectum, brain and central nervous system, Hodgkin's or leukemia.~~

~~22. The method of claim 21 wherein the cancer is a brain cancer.~~

~~23. The method of claim 21 or 22 further comprising administering to the patient an additional therapeutic agent selected from a chemotherapeutic agent, an anti-angiogenesis therapeutic agent, an anti-inflammatory agent, an immunomodulatory agent, a neurotropic factor, an agent for treating cardiovascular disease, an agent for treating liver disease, an anti-viral agent, an agent for treating blood disorders, an agent for treating diabetes, and an agent for treating immunodeficiency disorders.~~

~~24. The method of claim 23 wherein the additional therapeutic agent is bevacizumab.~~

~~2521. A compound of any one of claims 1-18 for use as therapeutically active substance.~~

~~26. The use of a compound of any one of claims 1-18 for treating cancer.~~

~~2722. The use of a compound of any one of claims 1-18 for the preparation of a medicament for treating cancer.~~

23. The use of claim 22, wherein the cancer is selected from breast, ovary, cervix, prostate, testis, genitourinary tract, esophagus, larynx, glioblastoma, neuroblastoma, stomach, skin, keratoacanthoma, lung, epidermoid carcinoma, large cell carcinoma, non-small cell lung carcinoma (NSCLC), small cell carcinoma, lung adenocarcinoma, bone, colon, adenoma, pancreas, adenocarcinoma, thyroid, follicular carcinoma, undifferentiated carcinoma, papillary carcinoma, seminoma, melanoma, sarcoma, bladder carcinoma, liver carcinoma and biliary passages, kidney carcinoma, renal, pancreatic, myeloid disorders, lymphoma, hairy cells, buccal cavity, naso-pharyngeal, pharynx, lip, tongue, mouth, small intestine, colon-rectum, large intestine, rectum, brain and central nervous system, Hodgkin's or leukemia.

24. The use of claim 23, wherein the cancer is a brain cancer.

25. The use of any one of claims 22 to 24, further comprising an additional therapeutic agent selected from a chemotherapeutic agent, an anti-angiogenesis therapeutic agent, an anti-inflammatory agent, an immunomodulatory agent, a neurotropic factor, an agent for treating cardiovascular disease, an agent for treating liver disease, an anti-viral agent, an agent
5 for treating blood disorders, an agent for treating diabetes, and an agent for treating immunodeficiency disorders.

26. The use of claim 25, wherein the additional therapeutic agent is bevacizumab.

27. A compound of any one of claims 1-18 for use in treating cancer.