CLAIMS

1. A compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof, wherein the compound is selected from the group consisting of:

1-(4-(2-((2-(4-fluoro-3-(trifluoromethoxy)phenyl)-4-oxo-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)-3,5-dimethylphenyl)-5,5-dimethylimidazolidine-2,4-dione;

1-(4-(2-((2-(3-bromophenyl)-4-oxo-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)-3,5-dimethylphenyl)-5,5-dimethylimidazolidine-2,4-dione;

1-(4-(2-((2-(4-fluoro-3-(trifluoromethyl)phenyl)-4-oxo-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)-3,5-dimethylphenyl)-5,5-dimethylimidazolidine-2,4-dione;

1-(4-(2-((2-(3-fluoro-4-(trifluoromethoxy)phenyl)-4-oxo-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)-3,5-dimethylphenyl)-5,5-dimethylimidazolidine-2,4-dione;

1-(4-(2-((2-(2,2-difluorobenzo[d][1,3]dioxol-5-yl)-4-oxo-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)-3,5-dimethylphenyl)-5,5-dimethylimidazolidine-2,4-dione;

1-(3,5-dimethyl-4-(2-((4-oxo-2-(3-(trifluoromethyl)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-5,5-dimethylimidazolidine-2,4-dione;

1-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-5,5-dimethylimidazolidine-2,4-dione);

1-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-1,3-diazaspiro[4.4]nonane-2,4-dione;

1-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-8-methyl-1,3,8-triazaspiro[4.5]decane-2,4-dione;

5-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-2-oxa-5,7-diazaspiro[3.4]octane-6,8-dione; and

4-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-4,6-diazaspiro[2.4]heptane-5,7-dione.

2. The compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof of claim 1, wherein the compound is 1-(3,5-dimethyl-4-(2-((4-oxo-2-(3-(trifluoromethyl)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-5,5-dimethylimidazolidine-2,4-dione

3. The compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof of claim 1, wherein the compound is 1-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-5,5-dimethylimidazolidine-2,4-dione.

4. The compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof of claim 1, wherein the compound is 1-(3,5-dimethyl-4-(2-((4-oxo-2-(4-(trifluoromethoxy)phenyl)-1,3,8-triazaspiro[4.5]deca-1-en-8-yl)sulfonyl)ethyl)phenyl)-1,3-diazaspiro[4.4]nonane-2,4-dione.

5. The compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof of any one of claims 1-4, which is a hydrate or a solvate.

6. A pharmaceutical composition, which comprises the compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof of any one of claims 1 to 5 as an active ingredient.

7. A compound or pharmaceutically acceptable salt, a hydrate, or a solvate thereof of any one of claims 1 to 5 for use as a medicament.

8. Use of the compound or pharmacologically acceptable salt, a hydrate, or a solvate thereof of any one of claims 1 to 5 for the production of an agent for preventing or treating osteoporosis, fracture, adynamic bone disease, osteomalacia, osteoarthritis, arthritis, thrombocytopenia, hypoparathyroidism, hyperphosphatemia, or tumoral calcinosis.