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**Norwegian Industrial Property Office**

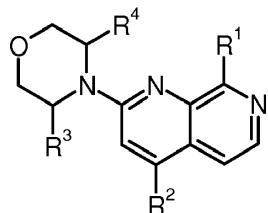
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(54)	Title	<b>2-(MORPHOLIN-4-YL)-1,7-NAPHTHYRIDINES</b>
(56)	References Cited:	WO-A1-2011/163527, WO-A1-2010/073034

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Enclosed is a translation of the patent claims in Norwegian. Please note that as per the Norwegian Patents Acts, section 66i the patent will receive protection in Norway only as far as there is agreement between the translation and the language of the application/patent granted at the EPO. In matters concerning the validity of the patent, language of the application/patent granted at the EPO will be used as the basis for the decision. The patent documents published by the EPO are available through Espacenet (<http://worldwide.espacenet.com>) or via the search engine on our website here: <https://search.patentsstyret.no/>

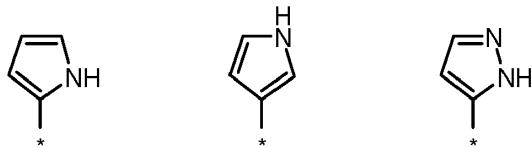


**Patentkrav****1. Forbindelse med generell formel (I)**

(I)

5

der:

R<sup>1</sup> representerer en gruppe valgt fra:

- hvor i \* representerer festepunktet for gruppen til resten av molekylet;
- 10 R<sup>2</sup> representerer hydrogen, halogen, -NR<sup>7</sup>R<sup>8</sup>, CN, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, 4- til 10-leddet heterosykloalkenyl, feny, heteroaryl, -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup>, -(SO<sub>2</sub>)R<sup>9</sup>, -(SO)R<sup>9</sup>, -(SO<sub>2</sub>)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(SO<sub>2</sub>)R<sup>9</sup>, -((SO)=NR<sup>11</sup>)R<sup>10</sup>, -N=(SO)R<sup>9</sup>R<sup>10</sup>, -SiR<sup>10</sup>R<sup>11</sup>R<sup>12</sup>, -(PO)(OR<sup>7</sup>)<sub>2</sub>, -(PO)(OR<sup>7</sup>)R<sup>10</sup> eller -(PO)(R<sup>10</sup>)<sub>2</sub>,
- 15 hvori hvert C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, feny eller heteroaryl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med halogen, OH, -NR<sup>7</sup>R<sup>8</sup>, C<sub>1</sub>-C<sub>6</sub>-alkyl eventuelt substituert med hydroksyl eller feny, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 6-leddet heterosykloalkyl, feny,
- 20 -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(CO)R<sup>10</sup>, NR<sup>8</sup>(CO)OR<sup>7</sup>, -NR<sup>8</sup>(CO)NR<sup>7</sup>R<sup>8</sup>, -(SO<sub>2</sub>)R<sup>9</sup>, -(SO)R<sup>9</sup>, -SR<sup>9</sup>, -(SO<sub>2</sub>)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(SO<sub>2</sub>)R<sup>9</sup>, -((SO)=NR<sup>11</sup>)R<sup>10</sup>, -N=(SO)R<sup>9</sup>R<sup>10</sup>, -(PO)(OR<sup>7</sup>)<sub>2</sub>, -(PO)(OR<sup>7</sup>)R<sup>10</sup>, -(PO)(R<sup>10</sup>)<sub>2</sub> eller med en heteroarylgruppe som eventuelt er substituert, én eller flere ganger, med C<sub>1</sub>-C<sub>4</sub>-alkyl;
- 25 hvori hvert 4- til 10-leddede heterosykloalkenyl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med C<sub>1</sub>-C<sub>4</sub>-alkyl;
- R<sup>3</sup>, R<sup>4</sup> representerer, uavhengig av hverandre, hydrogen eller methyl;
- R<sup>7</sup>, R<sup>8</sup> representerer, uavhengig av hverandre, hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl eller feny, idet fenylet eventuelt er substituert én eller flere ganger, med halogen; eller R<sup>7</sup> og R<sup>8</sup> sammen representerer en 4-, 5-, 6- eller 7-leddet syklisk amingruppe, som eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med en

substituent valgt fra C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl, den 4-, 5-, 6- eller 7-leddede sykliske amingruppen som eventuelt inneholder ett ytterligere heteroatom valgt fra gruppen som består av O, N og S;

R<sup>9</sup> representerer C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl, hvori hvert C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl eventuelt er

5 substituert, én eller flere ganger, uavhengig av hverandre, med R<sup>13</sup>;

R<sup>10</sup> representerer C<sub>1</sub>-C<sub>4</sub>-alkyl; eller

R<sup>9</sup> og R<sup>10</sup> sammen, i tilfellet av -N=(SO)R<sup>9</sup>R<sup>10</sup>-gruppe, representerer en 5- til 8-leddet heterosykloalkylgruppe;

R<sup>11</sup> representerer hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup> eller CN;

10 R<sup>12</sup> representerer hydrogen eller C<sub>1</sub>-C<sub>4</sub>-alkyl;

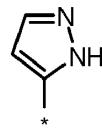
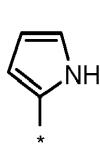
R<sup>13</sup> representerer halogen, OH, -NR<sup>7</sup>R<sup>8</sup>, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, C<sub>1</sub>-C<sub>6</sub>-halogenalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, -(CO)OR<sup>7</sup> eller -(CO)NR<sup>7</sup>R<sup>8</sup>:

eller en stereoisomer, en tautomer, et N-oksid, et hydrat, et solvat eller et salt derav

15 eller en blanding av det samme.

## 2. Forbindelsen ifølge krav 1, der

R<sup>1</sup> representerer en gruppe valgt fra:



20 hvori \* indikerer festepunktet for gruppen med resten av molekylet;

R<sup>2</sup> representerer hydrogen, halogen, -NR<sup>7</sup>R<sup>8</sup>, CN, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, 4- til 10-leddet heterosykloalkenyl, fenyl, heteroaryl, -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup>, -(SO<sub>2</sub>)R<sup>9</sup>, -(SO)R<sup>9</sup>, -SR<sup>9</sup>, -(SO<sub>2</sub>)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(SO<sub>2</sub>)R<sup>9</sup>, -((SO)=NR<sup>11</sup>)R<sup>10</sup>,

25 -N=(SO)R<sup>9</sup>R<sup>10</sup>, -SiR<sup>10</sup>R<sup>11</sup>R<sup>12</sup>, -(PO)(OR<sup>7</sup>)<sub>2</sub>, -(PO)(OR<sup>7</sup>)R<sup>10</sup> eller -(PO)(R<sup>10</sup>)<sub>2</sub>, hvori hvert C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, fenyl eller heteroaryl eventuelt er substituert, én eller flere ganger, uavhengig fra hverandre, med halogen, OH, -NR<sup>7</sup>R<sup>8</sup>, C<sub>1</sub>-C<sub>6</sub>-alkyl, 3- til 6-leddet heterosykloalkyl, 4- til 6-leddet heterosykloalkenyl fenyl,

30 -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(CO)R<sup>10</sup>,

-NR<sup>8</sup>(CO)OR<sup>7</sup>, -NR<sup>8</sup>(CO)NR<sup>7</sup>R<sup>8</sup>, -(SO<sub>2</sub>)R<sup>9</sup>, -(SO)R<sup>9</sup>, -SR<sup>9</sup>, -(SO<sub>2</sub>)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(SO<sub>2</sub>)R<sup>9</sup>,

-((SO)=NR<sup>11</sup>)R<sup>10</sup>, -N=(SO)R<sup>9</sup>R<sup>10</sup>, -(PO)(OR<sup>7</sup>)<sub>2</sub>, -(PO)(OR<sup>7</sup>)R<sup>10</sup>, -(PO)(R<sup>10</sup>)<sub>2</sub> eller med en heteroarylgruppe som eventuelt er substituert, én eller flere ganger, med C<sub>1</sub>-C<sub>4</sub>-alkyl;

hvor hvert 4- til 10-leddede heterosykloalkenyl eventuelt er substituert, én eller flere

35 ganger, uavhengig av hverandre, med C<sub>1</sub>-C<sub>4</sub>-alkyl;

R<sup>3</sup>, R<sup>4</sup> representerer, uavhengig av hverandre, hydrogen eller methyl;

- R<sup>7</sup>, R<sup>8</sup> representerer, uavhengig av hverandre, hydrogen eller C<sub>1</sub>-C<sub>6</sub>-alkyl; eller R<sup>7</sup> og R<sup>8</sup> sammen representerer en 4-, 5-, 6- eller 7-leddet syklistisk amingruppe, som eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med en substituent valgt fra C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl, den 4-, 5-, 6- eller 7-leddede sykliske amingruppen som eventuelt inneholder ett ytterligere heteroatom valgt fra gruppen som består av O, N og S;
- 5 R<sup>9</sup> representerer C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl, hvori hvert C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med R<sup>13</sup>;
- R<sup>10</sup> representerer C<sub>1</sub>-C<sub>4</sub>-alkyl; eller
- 10 R<sup>9</sup> og R<sup>10</sup> sammen, i tilfellet av -N=(SO)R<sup>9</sup>R<sup>10</sup>-gruppe, representerer en 5- til 8-leddet heterosykloalkylgruppe;
- R<sup>11</sup> representerer hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup> eller CN;
- 15 R<sup>12</sup> representerer hydrogen eller C<sub>1</sub>-C<sub>4</sub>-alkyl;
- R<sup>13</sup> representerer halogen, OH, -NR<sup>7</sup>R<sup>8</sup>, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, C<sub>1</sub>-C<sub>6</sub>-halogenalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, -(CO)OR<sup>7</sup> eller -(CO)NR<sup>7</sup>R<sup>8</sup>.

### **3. Forbindelsen ifølge krav 1, som er valgt fra gruppen:**

- 4-[(2-(morpholin-4-yl)-8-[2H-pyrazol-3-yl]-[1,7]naftyridin-4-yl]fenyl-N-etoksykarbonyl-S-metysulfoksimid
- 20 4-[(2-(morpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin-4-yl]fenyl-S-metysulfoksimid
- 4-[6-(metylsulfonyl)pyridin-3-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(3,6-dihydro-2H-pyran-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin
- 4-[4-(N,S-dimethylsulfonimidoyl)fenyl]-2-[morpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 25 4-[4-methyl-6-(metylsulfonyl)pyridin-3-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(4-metansulfonylfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]-naftyridin
- 4-(2-metansulfonylfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin
- 30 hydroklorid
- dimetyl {4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenyl}fosfonat
- 4-isopropenyl-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin
- 2-(morpholin-4-yl)-4-fenyl-8-(1H-pyrazol-3-yl)-[1,7]naftyridin
- 4-[4-(S-ethylsulfonimidoyl)fenyl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 3-[(2-(morpholin-4-yl)-8-[2H-pyrazol-3-yl]-[1,7]naftyridin-4-yl]fenyl-N-etoksykarbonyl-S-metysulfoksimid
- 4-(1-metyl-1,2,3,6-tetrahydropyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-(3-metansulfonylfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 4-[5-methyl-6-(methylsulfonyl)pyridin-3-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(1,2,3,6-tetrahydropyridin-4-yl)-1,7-naftyridin  
 5 4-syklopropyl-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 3-[(2-(morpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin-4-yl)fenyl-S-methylsulfoksimid  
 4-methyl-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridinhydroklorid  
 4-[2-(methylsulfonyl)-1,3-tiazol-4-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2(1H)-on  
 10 5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2(1H)-on  
 4-[2-fluor-4-(methylsulfonyl)fenyl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-4-{4-[S-(propan-2-yl)sulfonimidoyl]fenyl}-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(4-metansulfonylfenyl)-2-((R)-3-methylmorpholin-4-yl)-8-(2H-pyrazol-3-yl)-  
 15 [1,7]naftyridin  
 2-((R)-3-methylmorpholin-4-yl)-4-fenyl-8-(2H-pyrazol-3-yl)-[1,7]naftyridin  
 4-(3-metansulfonylfenyl)-2-((R)-3-methylmorpholin-4-yl)-8-(2H-pyrazol-3-yl)-  
 [1,7]naftyridin  
 4-syklopropyl-2-((R)-3-methylmorpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]-naftyridin  
 20 4-[2-((R)-3-methylmorpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin-4-yl]fenyl-S-methylsulfoksimid  
 3-[2-((R)-3-methylmorpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin-4-yl]fenyl-S-methylsulfoksimid  
 4-metansulfonyl-2-(morpholin-4-yl)-8-[2-(tetrahydropyran-2-yl)-2H-pyrazol-3-yl]-  
 25 [1,7]naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-(methylsulfonyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin-4-karbonitril  
 2-((R)-3-methylmorpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin-4-karbonitril  
 2-morpholin-4-yl-8-(1H-pyrazol-3-yl)-[1,7]naftyridin-4-karboksamid  
 30 4-metansulfonylmethyl-2-morpholin-4-yl-8-(2H-pyrazol-3-yl)-[1,7]naftyridin  
 [2-(morpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin-4-yl]metanol  
 4-(1-metansulfonylsyklopropyl)-2-(morpholin-4-yl)-8-(2H-pyrazol-3-yl)-[1,7]naftyridin  
 4-isopropoksy-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 2-(morpholin-4-yl)-4-(propan-2-yloksy)-8-(1H-pyrrol-2-yl)-1,7-naftyridin  
 35 4-[3-(S-methylsulfonimidoyl)propoksy]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-etoksy-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 4-metoksy-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin

- 2-metyl-1-{[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]oksy}propan-2-ol  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(tetrahydrofuran-2-ylmetoksy)-1,7-naftyridin  
 3-{[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]oksy}dihydrofuran-2(3H)-on
- 5 4-[(3-metyl-1,2-oksazol-5-yl)metoksy]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[(5-metyl-1,2-oksazol-3-yl)metoksy]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-benzyloksy-2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin
- 10 4-isopropoksy-2-((R)-3-methylmorpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 tert-butyl [4-(2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]oksy)butyl]karbamat  
 4-metoksy-2-((R)-3-methylmorpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 tert-butyl [3-(2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]oksy)propyl]karbamat
- 15 2-((2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl)oksy)etanamin  
 tert-butyl [2-(2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]oksy)etyl]karbamat
- 20 4-((2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl)oksy)butan-1-amin  
 2-[(3R,5S)-3,5-dimethylmorpholin-4-yl]-4-isopropoksy-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-[(3R,5R)-3,5-dimethylmorpholin-4-yl]-4-isopropoksy-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(tetrahydro-2H-pyran-4-yl)-1,7-naftyridin
- 25 2-(morpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridinhydroklorid  
 4-klor-2-morpholin-4-yl-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-(methylsulfanyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 N-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}-1,4λ<sup>4</sup>-oksatian-4-imin-4-oksid
- 30 4-{{[dimethyl(okido)-λ<sup>6</sup>-sulfanylidene]amino}-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-(piperazin-1-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-isopropoksy-2-((S)-3-methylmorpholin-4-yl)-8-(1H-pyrazol-3-yl)-[1,7]naftyridin  
 2-(morpholin-4-yl)-4-(propan-2-yloksy)-8-(1H-pyrrol-3-yl)-1,7-naftyridin
- 35 4-(1-etyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(1-metyl-1H-imidazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}anilin  
 4-(2,3-difluorfenyl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[2-methyl-6-(methylsulfonyl)pyridin-3-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 5 4-[2-fluor-4-(methylsulfonyl)fenyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-fluor-2-[2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]anilin  
 4-(1-benzyl-1H-imidazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 4-(2-fluorfenyl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-(2-methyl-1,3-tiazol-5-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[4-methyl-6-(methylsulfonyl)pyridin-3-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 15 4-(1-syklopropyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[2-fluor-4-(piperazin-1-yl)fenyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-[4-(methylsulfonyl)piperazin-1-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 1,7-naftyridin  
 N-(2,2-dimethylpropyl)-N-metyl-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 (1-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}piperidin-4-yl)metanol
- 25 N-syklopropyl-N-metyl-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 4-(5,6-dihydroimidazo[1,2-a]pyrazin-7(8H)-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 N-(4-fluorfenyl)-N-metyl-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin
- 30 2-[(3R)-3-methylmorpholin-4-yl]-4-(6-methylpyridin-3-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-fluorpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-fluor-4-methylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1H-pyrrol-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(6-fluor-5-methylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-(2-fluor-6-metylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(6-fluorpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(6-metoksypyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 5 naftyridin
- 4-(6-metoksy-5-metylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(6-fluor-2-metylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-methyl-3-(trifluormetyl)-1H-pyrazol-5-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(3-methyl-2-tienyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(5-methyl-2-tienyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(4-methyl-3-tienyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 15 4-(3-klor-2-tienyl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(2-methyl-3-tienyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(1H-pyrrolo[2,3-b]pyridin-4-yl)-1,7-naftyridin
- 4-(3,5-dimetyl-1,2-oksazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 4-(3-klor-2-metoksypyridin-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(tetrahydro-2H-pyran-4-yl)-1,7-naftyridin
- 25 4-(3,6-dihydro-2H-tiopyran-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(4-methylpiperidin-1-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1-tert-butyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1H-pyrazol-5-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(3-methyl-1,2-oksazol-5-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 4-(1-etyl-3-metyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1,4-dimetyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-[2-metyl-6-(methylsulfanyl)pyridin-3-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[2-metyl-6-(S-methylsulfonimidoyl)pyridin-3-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 5 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-propyl-1H-pyrazol-5-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(6,7-dihydro-5H-pyrrolo[1,2-a]imidazol-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[1-etyl-3-(trifluormethyl)-1H-pyrazol-5-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 methyl-5-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}-1H-pyrrole-2-karboksylat
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(1,2-tiazol-5-yl)-1,7-naftyridin
- N,N-dimetyl-2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}anilin
- 15 4-(2,4-difluorfenyl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1-isopropyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- etylmetyl{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}fosfinat
- 20 4-{{[dietyl(oksido)-λ<sup>6</sup>-sulfanylidén]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- isobutyl methyl{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}fosfinat
- 2-{{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}propan-2-ol
- 25 3-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}pentan-3-ol
- 4-(5-klorpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 5-fluor-2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}anilin
- 4-[2-fluor-3-(methylsulfonyl)fenyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-(oksetan-3-yl)-1H-pyrazol-5-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[2-fluor-4-(pyrrolidin-1-yl)fenyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[3-(metoksymetyl)-5-metyl-1,2-oksazol-4-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 2-[(3R)-3-methylmorpholin-4-yl]-4-(5-metyl-1,3,4-oksadiazol-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(5-metyl-1,3,4-oksadiazol-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- N-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}tetrahydro-1H-1λ<sup>4</sup>-tiofen-1-imin-1-oksid  
4-[(4-fluorfenyl)(metyl)oksido-λ<sup>6</sup>-sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin, blandning av 2-diastereoisomerer
- 5 4-[(2-fluorfenyl)(metyl)oksido-λ<sup>6</sup>-sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin, blandning av 2-diastereoisomerer  
4-[(R)(2-fluorfenyl)(metyl)oksido-λ<sup>6</sup>-sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin, diastereoisomer  
4-[(S)(2-fluorfenyl)(metyl)oksido-λ<sup>6</sup>-sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin, diastereoisomer
- 10 4-(dimethylfosforyl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-(diethylfosforyl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
ethylisobutyl{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}fosfinat
- 15 2-[(3R)-3-methylmorpholin-4-yl]-4-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-(1-isobutyl-1H-pyrazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-[5-fluor-6-(methylsulfonyl)pyridin-3-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 4-[(3R)-3-methylmorpholin-4-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-[(3R)-3-methylmorpholin-4-yl]-4-(4-methyl-1H-pyrazol-5-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-[2-fluor-5-(methylsulfonyl)fenyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 25 4-[4-(isopropylsulfonyl)fenyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-(6-fluorpyridin-2-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-(1-etyl-1H-imidazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 1-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}prolinamid  
3-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}pyridin-2-amin  
2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-[1-(2,2,2-trifluoretyl)-1H-pyrazol-5-yl]-1,7-naftyridin  
1-methyl-4-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}piperazin-2-on
- 35 4-[1-(2-fluoretyl)-1H-pyrazol-3-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-[1-(2-fluoretyl)-1H-pyrazol-5-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-(3-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}-1H-pyrazol-1-yl)ethanol
- 5 2-methyl-1-(3-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}-1H-pyrazol-1-yl)propan-2-ol
- 4-[(2R)-2-methylmorpholin-4-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(5-fluoropyridin-2-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(6-methylpyridin-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 2-[(3R)-3-methylmorpholin-4-yl]-4-(3-methylpyridin-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- N-(2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}fenyl)acetamid
- 3-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}pyridin-2-ol
- 2-(3-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}fenyl)propan-2-ol
- 15 4-(5,6-dihydroimidazo[1,2-a]pyrazin-7(8H)-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[(2S)-2-methylmorpholin-4-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[(trans)-2-methylsyklopropyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 4-(difluormetoksy)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]propan-2-ol
- 2-(morpholin-4-yl)-4-(3-oksa-8-azabisyklo[3.2.1]okt-8-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 25 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(pyrrolidin-1-yl)-1,7-naftyridin
- 4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]piperazin-2-on
- 4-(dimethylfosforyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[(trans)-2,5-dimethylpiperazin-1-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 4-[(cis)-3,5-dimethylpiperazin-1-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-3-(trifluormethyl)azetidin-3-ol
- Metylhydrogen-{4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenyl}fosfonat
- 35 4-(4-methylpiperazin-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-[(3aR,6aS)-tetrahydro-1H-furo[3,4-c]pyrrol-5(3H)-yl]-1,7-naftyridin
- 4-(3-metoksy-3-methylazetidin-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 2-(morpholin-4-yl)-4-[(1S,4S)-2-oxa-5-azabisyklo[2.2.1]hept-5-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-[(methylsulfanyl)methyl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 5 N,N-dimethyl-5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2-amin  
4-(2-methylpyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
1-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}sykloheksanol  
2-fluor-6-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}anilin  
(methyl{4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenyl}oksido- $\lambda^6$ -
- 10 sulfanylidene)cyanamid  
1-etyl-3-(methyl{4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenyl}oksido- $\lambda^6$ -sulfanylidene)urea  
3-({2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}oksy)propan-1-amin
- 15 4-(4-syklopropyl-1H-1,2,3-triazol-5-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-etyl sulfinyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-(morpholin-4-yl)-4-[propan-2-ylsulfinyl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-[(3R)-3-methylmorpholin-4-yl]-4-[3-(methylsulfonyl)propoksy]-8-(1H-pyrazol-5-yl)-1,7-
- 20 naftyridin  
2-(morpholin-4-yl)-4-(fenylsulfonyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-(morpholin-4-yl)-4-(propan-2-ylsulfonyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-(etyl sulfonyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-(morpholin-4-yl)-4-(fenylsulfinyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 25 4-(methylsulfinyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-[(3R)-3-methylmorpholin-4-yl]-4-[1-oksidotetrahydro-2H-tiopyran-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
4-(1,1-dioksidotetrahydro-2H-tiopyran-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 2-[(3R)-3-methylmorpholin-4-yl]-4,8-di(1H-pyrazol-5-yl)-1,7-naftyridin  
N,N-dimethyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
2-(morpholin-4-yl)-4-(fenylsulfanyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-(morpholin-4-yl)-N-(propan-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
4-(etyl sulfanyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 2-(morpholin-4-yl)-4-(propan-2-ylsulfanyl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(1H-pyrrol-2-yl)-1,7-naftyridin  
2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(1H-pyrrol-3-yl)-1,7-naftyridin  
4-[(4-metoksyfenyl)sulfanyl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-(5-metyl-1H-pyrazol-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyrrolidin-2-on  
 4-(1,1-dioksido-1,2-tiazolidin-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]piperidin-2-on
- 5 2-[(3R)-3-methylmorpholin-4-yl]-4-(2-methylpyridin-3-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-[2-(propan-2-yloksy)pyridin-3-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-metoksypyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(pyridin-4-yl)-1,7-naftyridin  
 4-[(4-metoksifeny)sulfanyl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[3-fluor-2-(morpholin-4-yl)pyridin-4-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 15 4-(6-fluor-5-methylpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-1,3-oksazinan-2-on  
 3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-1,3-oksazolidin-2-on  
 4-(3-metoksypyridin-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 4-(2,6-difluoropyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-klor-2-fluoropyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-fluoropyridin-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 25 4-(2-klor-6-methylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5,6-dimethylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-fluor-6-methylpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 2-[(3R)-3-methylmorpholin-4-yl]-4-(5-methyltiofen-3-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-metoksytofen-2-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-klortiofen-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 4-(isokinolin-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-klortiofen-2-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-[(3R)-3-methylmorpholin-4-yl]-4-(4-methyltiofen-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-(2,5-dimethyltiofen-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(tetrahydro-2H-tiopyran-4-yl)-1,7-naftyridin
- 5 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1,2,5,6-tetrahydropyridin-3-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1,2,3,6-tetrahydropyridin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-methylpiperidin-3-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(1,2,3,6-tetrahydropyridin-4-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-[1-(tetrahydro-2H-pyran-4-yl)-1H-pyrazol-3-yl]-1,7-naftyridin
- 15 4-(4,6-difluorpyridin-3-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1H-pyrazol-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1,3-dimethyl-1H-pyrazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 4-(1,5-dimethyl-1H-pyrazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(piperidin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-[3-(trifluormethyl)-1H-pyrazol-4-yl]-1,7-naftyridin
- 25 4-(1-syklobutyl-1H-pyrazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1-syklopropyl-1H-pyrazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 30 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-(propan-2-yl)-1H-pyrazol-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-[1-(difluormethyl)-1H-pyrazol-4-yl]-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1-tert-butyl-1H-pyrazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(1,3,5-trimethyl-1H-pyrazol-4-yl)-1,7-naftyridin

- 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-methyl-3-(trifluormethyl)-1H-pyrazol-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-(4-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}-1H-pyrazol-1-yl)ethanol
- 5 4-(1-ethyl-1H-pyrazol-4-yl)-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1H-pyrrol-3-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-(propan-2-yl)-1H-pyrazol-3-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-4-(1,2,5-trimethyl-1H-pyrrol-3-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-fenyl-1H-pyrazol-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 15 2-[(3R)-3-methylmorpholin-4-yl]-4-(3-methyl-1H-pyrazol-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-(2-methylpropyl)-1H-pyrazol-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 2-[(3R)-3-methylmorpholin-4-yl]-4-(1H-pyrazol-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-[(3R)-3-methylmorpholin-4-yl]-4-(1,3-oksazol-2-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1,3-dimetyl-1H-pyrazol-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1,5-dimetyl-1H-pyrazol-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(1,3,5-trimethyl-1H-pyrazol-4-yl)-1,7-naftyridin
- 25 4-{{(2-metoksyetyl)(metyl)oksido- $\lambda^6$ -sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-{{(4-bromfenyl)(oksido)propan-2-yl- $\lambda^6$ -sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-(methyl-N-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}sulfonimidoyl)fenol
- 30 4-{{(4-bromfenyl)(metyl)oksido- $\lambda^6$ -sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-{{[tert-butyl(methyl)oksido- $\lambda^6$ -sulfanylidene]amino}-2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 maursyre-N-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-1,4 $\lambda^4$ -oksatian-4-imin-4-oksid (1:1)
- N-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]heksahydro-1 $\lambda^4$ -tiopyran-1-imin-1-oksid

- 3-metyl-2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}butan-2-ol
- 1-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}-1-(tetrahydro-2H-pyran-4-yl)etanol
- 5 3,3-dimetyl-2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}butan-2-ol
- 2-{2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl}heksan-2-ol
- 2-[(3R)-3-methylmorpholin-4-yl]-8-(1H-pyrazol-3-yl)-1,7-naftyridin-4-karboksamid
- 2-[(3R)-3-methylmorpholin-4-yl]-4-[1-(methylsulfonyl)syklopropyl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 naftyridin
- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(tetrahydro-2H-pyran-4-ylmetoksy)-1,7-naftyridin
- N,N-dimetyl-3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]benzamid
- {4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenyl}(piperidin-1-yl)metanon
- 15 N,N-dimetyl-2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]benzamid
- N-syklopropyl-4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]benzamid
- 4-(4-methylpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(1H-indol-6-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 20 4-(1H-indol-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]benzamid
- 4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]benzamid
- N-metyl-3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]benzamid
- 4-(3-fluorfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 25 4-(5-klortiofen-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(2-metoksyfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-[2-(trifluormetyl)fenyl]-1,7-naftyridin
- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-[4-(trifluormetyl)fenyl]-1,7-naftyridin
- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-[3-(trifluormetyl)fenyl]-1,7-naftyridin
- 30 4-(3-klorfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- N-{3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenyl}acetamid
- 4-(3-metoksyfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(3,5-dimetoksyfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(3-metylfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 35 4-(4-metoksyfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 4-(furan-2-ylmetyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 2,6-dimetyl-4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]fenol
- 4-(2,3-dimetylfenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

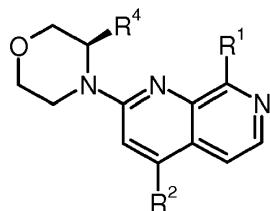
- {3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]phenyl}methanol  
 4-(4-fluorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(4-methylphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(4-chlorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 5 4-(2-fluoro-3-methoxyphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2-methylphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2,3-dimethoxyphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 N,N-dimethyl-3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]aniline  
 N,N-dimethyl-2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]aniline  
 10 N-{2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]phenyl}methanesulfonamide  
 N-{4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]phenyl}methanesulfonamide  
 N,N-dimethyl-4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]benzamide  
 2-(morpholin-4-yl)-4-[(1E)-prop-1-en-1-yl]-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]phenol  
 15 4-(2-fluorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 {3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]phenyl}(piperidin-1-yl)methane  
 2-(morpholin-4-yl)-4-[4-(propan-2-yl)phenyl]-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 N-syklopropyl-3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]benzamide  
 20 4-(biphenyl-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2,4-dimethoxyphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2-chlorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2,5-dimethylphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]aniline  
 25 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-[3-(1H-pyrazol-1-yl)phenyl]-1,7-naphthyridin  
 3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]phenol  
 4-(2-fluoro-5-methoxyphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(5-fluoro-2-methoxyphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2,4-difluorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 30 4-(2,3-difluorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(2,6-dimethoxyphenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin-4-yl]aniline  
 4-(3,5-dichlorophenyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(biphenyl-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 35 4-(2-chloropyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(1-benzotiofen-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 4-(1-methyl-1H-pyrazol-5-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naphthyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(kinolin-5-yl)-1,7-naphthyridin

- 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(pyridin-3-yl)-1,7-naftyridin  
 4-(2-metoksypyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-metylpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-metoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 5 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(kinolin-3-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-4-[1-(fenylsulfonyl)-1H-indol-2-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-klorpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(6-klorpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 {5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]tiofen-2-yl}metanol  
 10 4-(2-fluoropyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(6-fluoropyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-klor-6-metylpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-metoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(isokinolin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 15 4-(3-klorpyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-fluoropyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2,6-difluoropyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(1-metyl-1H-pyrazol-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 tert-butyl 5-metoksy-2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-1H-  
 20 indol-1-karboksylat  
 2-(morpholin-4-yl)-4-[6-(morpholin-4-yl)pyridin-3-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(4-metylthiofen-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(tiofen-2-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(tiofen-3-yl)-1,7-naftyridin  
 25 4-(3-metylthiofen-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-klor-5-metylpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(4-metoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-klor-2-metoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 tert-butyl 5-methyl-2-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-1H-indol-  
 30 1-karboksylat  
 4-(5-klor-2-fluoropyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3,5-dimetyl-1,2-oksazol-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(kinolin-8-yl)-1,7-naftyridin  
 4-(5-metylthiofen-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 35 4-(6-etoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(2-etoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(kinolin-6-yl)-1,7-naftyridin  
 4-(2-klorthiofen-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2-amin  
 2-(morpholin-4-yl)-4-(1H-pyrazol-3-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(6-methylpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(1-methyl-1H-pyrrol-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 5 5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2-ol  
 4-(5-klorpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-klor-2-metoksypyridin-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-klortiofen-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(5-fluorpyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 10 4-[2-(methylsulfanyl)pyrimidin-5-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 N-syklopropyl-5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyrimidin-2-amin  
 4-(isokinolin-5-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 N-metyl-5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2-  
 15 karboksamid  
 N-tert-butyl-5-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-3-karboksamid  
 4-[5-(methylsulfanyl)pyridin-3-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-(1H-pyrrolo[2,3-b]pyridin-4-yl)-1,7-naftyridin  
 20 3-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyridin-2-amin  
 Metyl-4-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]tiofen-2-karboksylat  
 4-[2-metoksy-5-(trifluormetyl)pyridin-3-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-4-[2-(propan-2-yloksy)pyridin-3-yl]-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 25 4-(5-klor-6-etoksypyridin-3-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(1-tert-butyl-1H-pyrazol-4-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-4-(piperidin-1-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]piperidin-4-ol  
 N-metyl-2-(morpholin-4-yl)-N-fenyl-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 30 {1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]pyrrolidin-2-yl}metanol  
 N-metyl-2-(morpholin-4-yl)-N-propyl-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 4-(azepan-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-methylpiperidin-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(4-methylpiperidin-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 35 1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]piperidin-3-karboksamid  
 4-(2,5-dihydro-1H-pyrrol-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3,4-dihydrokinolin-1(2H)-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3,4-dihydroisokinolin-2(1H)-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin

- 4-(1,3-dihydro-2H-isoindol-2-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-4-[1,3,3-trimethyl-6-azabisyklo[3.2.1]okt-6-yl]-1,7-naftyridin  
 tert-butyl1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-prolinat
- 5 N-metyl-N-(2-metylpropyl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 N-(3-fluorfenyl)-N-metyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 4-(1,1-dioksido-1-tia-6-azaspido[3.3]hept-6-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-(3-fluorpiperidin-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin
- 10 N-(2-fluorfenyl)-N-metyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-prolinamid  
 {1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]piperidin-4-yl}metanol  
 4-(4-metoksypiperidin-1-yl)-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 N-(4-fluorfenyl)-N-metyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin
- 15 N-metyl-1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]-prolinamid  
 4-[4-(etyl sulfonyl)piperazin-1-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 4-[4-(methylsulfonyl)piperazin-1-yl]-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin  
 N-syklopropyl-N-metyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin  
 N-(2,2-dimetylpropyl)-N-metyl-2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-amin
- 20 {1-[2-(morpholin-4-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin-4-yl]piperidin-3-yl}metanol

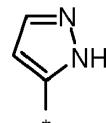
**4.** Forbindelsen ifølge kravene 1 eller 2 med generell formel (Ib)



(Ib)

25 der

R<sup>1</sup> representerer:



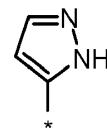
hvor \* indikerer festepunktet for gruppen med resten av molekylet;

- R<sup>2</sup> representerer hydrogen, halogen, -NR<sup>7</sup>R<sup>8</sup>, CN, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, 4- til 10-leddet heterosykloalkenyl, fenyl, heteroaryl, -(CO)OR<sup>7</sup>,

- $-(CO)NR^7R^8$ ,  $-(SO_2)R^9$ ,  $-(SO)R^9$ ,  $-SR^9$ ,  $-(SO_2)NR^7R^8$ ,  $-NR^7(SO_2)R^9$ ,  $-((SO)=NR^{11})R^{10}$ ,  
 $-N=(SO)R^9R^{10}$ ,  $-SiR^{10}R^{11}R^{12}$ ,  $-(PO)(OR^7)_2$ ,  $-(PO)(OR^7)R^{10}$  eller  $-(PO)(R^{10})_2$ ,  
 hvori hvert C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl,  
 C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, fenyl eller heteroaryl eventuelt er  
 5 substituert, én eller flere ganger, uavhengig av hverandre, med halogen, OH,  $-NR^7R^8$ ,  
 C<sub>1</sub>-C<sub>6</sub>-alkyl eventuelt substituert med hydroksyl eller fenyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl,  
 C<sub>1</sub>-C<sub>6</sub>-alkoksy, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 6-leddet heterosykloalkyl, fenyl,  $-(CO)OR^7$ ,  
 $-(CO)NR^7R^8$ ,  $-NR^7(CO)R^{10}$ ,  $NR^8(CO)OR^7$ ,  $-NR^8(CO)NR^7R^8$ ,  $-(SO_2)R^9$ ,  $-(SO)R^9$ ,  $-SR^9$ ,  
 $-(SO_2)NR^7R^8$ ,  $-NR^7(SO_2)R^9$ ,  $-((SO)=NR^{11})R^{10}$ ,  $-N=(SO)R^9R^{10}$ ,  $-(PO)(OR^7)_2$ ,  $-(PO)(OR^7)R^{10}$ ,  
 10  $-(PO)(R^{10})_2$  eller med en heteroarylgruppe som eventuelt er substituert, én eller ganger,  
 med C<sub>1</sub>-C<sub>4</sub>-alkyl;  
 hvori hvert 4- til 10-leddede heterosykloalkenyl eventuelt er substituert, én eller flere  
 ganger, uavhengig av hverandre, med C<sub>1</sub>-C<sub>4</sub>-alkyl;  
 $R^3$ ,  $R^4$  representerer, uavhengig av hverandre, hydrogen eller methyl;  
 15  $R^7$ ,  $R^8$  representerer, uavhengig av hverandre, hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl  
 eller fenyl, idet fenylet eventuelt er substituert én eller flere ganger, med halogen; eller  
 $R^7$  og  $R^8$  sammen representerer en 4-, 5-, 6- eller 7-leddet syklisk amingruppe, som  
 eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med en  
 substituent valgt fra C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl, den 4-, 5-, 6- eller 7-leddede  
 20 sykliske amingruppen som eventuelt inneholder ett ytterligere heteroatom valgt fra  
 gruppen som består av O, N og S;  
 $R^9$  representerer C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl, hvori hvert C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl eventuelt er  
 substituert, én eller flere ganger, uavhengig av hverandre, med  $R^{13}$ ;  
 $R^{10}$  representerer C<sub>1</sub>-C<sub>4</sub>-alkyl; eller  
 25  $R^9$  og  $R^{10}$  sammen, i tilfellet av  $-N=(SO)R^9R^{10}$ -gruppe, representerer en 5- til 8-leddet  
 heterosykloalkylgruppe;  
 $R^{11}$  representerer hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl,  $-(CO)OR^7$ ,  $-(CO)NR^7R^8$  eller CN;  
 $R^{12}$  representerer hydrogen eller C<sub>1</sub>-C<sub>4</sub>-alkyl;  
 $R^{13}$  representerer halogen, OH,  $-NR^7R^8$ , CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-halogenalkyl,  
 30 C<sub>1</sub>-C<sub>6</sub>-alkoksy, C<sub>1</sub>-C<sub>6</sub>-halogenalkoksy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl,  $-(CO)OR^7$  eller  
 $-(CO)NR^7R^8$ .

##### 5. Forbindelsen med generell formel (Ib) ifølge krav 4, der

$R^1$  representerer:



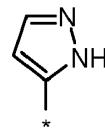
35

hvor \* indikerer festepunktet for gruppen med resten av molekylet;

- R<sup>2</sup> representerer hydrogen, halogen, -NR<sup>7</sup>R<sup>8</sup>, CN, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoksy, 3- til 10-leddet heterosykloalkoksy, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, 4- til 10-leddet heterosykloalkenyl, fenyl, heteroaryl, -(CO)NR<sup>7</sup>R<sup>8</sup>, -(SO<sub>2</sub>)R<sup>9</sup>, -(SO)R<sup>9</sup>, -SR<sup>9</sup>, -N=(SO)R<sup>9</sup>R<sup>10</sup>, -(PO)(OR<sup>7</sup>)<sub>2</sub>, -(PO)(OR<sup>7</sup>)R<sup>10</sup>, -(PO)(R<sup>10</sup>)<sub>2</sub>,
- 5 hvori hvert C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoksy, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 10-leddet heterosykloalkyl, fenyl eller heteroaryl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med halogen, OH, amino, -NR<sup>7</sup>R<sup>8</sup>,
- C<sub>1</sub>-C<sub>4</sub>-alkyl eventuelt substituert med hydroksyl eller fenyl, C<sub>1</sub>-C<sub>2</sub>-halogenalkyl, C<sub>1</sub>-C<sub>3</sub>-alkoksy, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl, 3- til 6-leddet heterosykloalkyl, fenyl, -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup>, -NR<sup>7</sup>(CO)R<sup>10</sup>, -NR<sup>8</sup>(CO)OR<sup>7</sup>, -(SO<sub>2</sub>)R<sup>9</sup>, -SR<sup>9</sup>, -NR<sup>7</sup>(SO<sub>2</sub>)R<sup>9</sup>, -((SO)=NR<sup>11</sup>)R<sup>10</sup>, -(PO)(OR<sup>7</sup>)<sub>2</sub>, -(PO)(OR<sup>7</sup>)R<sup>10</sup>, eller med en heteroarylgruppe;
- 10 hvori hvert 4- til 10-leddede heterosykloalkenyl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med methyl;
- 15 R<sup>4</sup> representerer hydrogen eller methyl;
- R<sup>7</sup>, R<sup>8</sup> representerer, uavhengig av hverandre, hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>6</sub>-sykloalkyl eller fenyl, idet fenylet eventuelt er substituert én eller flere ganger, med halogen;
- R<sup>9</sup> representerer C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl, hvori hvert C<sub>1</sub>-C<sub>4</sub>-alkyl eller fenyl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med R<sup>13</sup>;
- 20 R<sup>10</sup> representerer C<sub>1</sub>-C<sub>4</sub>-alkyl; eller
- R<sup>9</sup> og R<sup>10</sup> sammen, i tilfellet av -N=(SO)R<sup>9</sup>R<sup>10</sup>-gruppe, representerer en 5- til 8-leddet heterosykloalkylgruppe;
- R<sup>11</sup> representerer hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, -(CO)OR<sup>7</sup>, -(CO)NR<sup>7</sup>R<sup>8</sup> eller CN;
- R<sup>13</sup> representerer halogen, OH eller C<sub>1</sub>-C<sub>6</sub>-alkoksy.

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- 6.** Forbindelsen med generell formel (Ib) ifølge kravene 4 eller 5, der R<sup>1</sup> representerer:

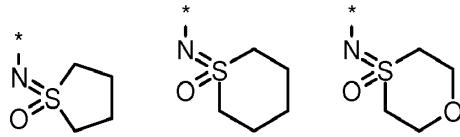
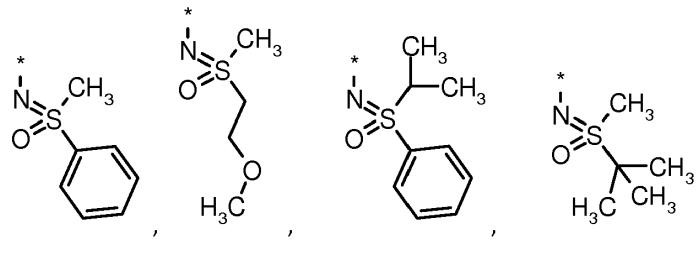


hvor \* indikerer festepunktet for gruppen med resten av molekylet;

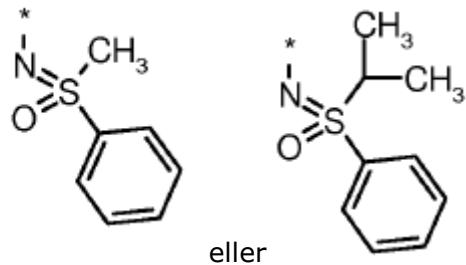
- 30 R<sup>2</sup> representerer hydrogen, klor,-amino, propylamino, dimethylamino, methyl(propyl)amino, methyl(2-metylpropyl)amino, 2,2-dimetylpropyl(metyl)amino, syklopropyl(metyl)amino, methyl(fenyl)amino, CN, methyl, etyl, propan-2-yl, 3-metylbutan-2-yl, pentan-3-yl, heksan-2-yl, 3,3-dimetylbutan-2-yl, metoksy, etoksy, propoksy, butoksy, 2-metyl-propan-1-yloksy, propan-2-yloksy, (2-oksotetrahydrofuran-3-yl)oksy, propenyl, syklopropyl, sykloheksyl, azetidinyl,-pyrrolidinyl, 2-okso-1,3-oksazolidin-2-on, tetrahydro-2H-pyranyl, tetrahydro-2H-tiopyran-4-yl, piperidinyl,

piperazinyl, morfolinyl, azepanyl, 2-okso-pyrrolidin-1-yl, 2-okso-piperidin-1-yl, 3-okso-piperazin-1-yl, 2-okso-1,3-oksazinan-3-yl, 1-oksidotetrahydro-2H-tiopyran-4-yl, 1,1-dioksidotetrahydro-2H-tiopyran-4-yl, 1,1-diokrido-1,2-tiazolidin-2-yl, 5,6-dihydroimidazo[1,2-a]pyrazin-7(8H)-yl, 3-oksa-8-azabisyklo[3.2.1]okt-8-yl,

5 1,3,3-trimetyl-6-azabisyklo[3.2.1]okt-6-yl, (3aR,6aS)-tetrahydro-1H-furo[3,4-c]pyrrol-5(3H)-yl, (1S,4S)-2-oksa-5-azabisyklo[2.2.1]hept-5-yl, 1,1-diokrido-1-tia-6-azaspiro[3.3]hept-6-yl 2,5-dihydro-1H-pyrrol-1-yl, 3,6-dihydro-2H-pyran-4-yl, 1,2,5,6-tetrahydropyridin-3-yl, 1,2,3,6-tetrahydropyridin-4-yl, 3,6-dihydro-2H-tiopyran-4-yl, fenyl, 1,3-dihydro-2H-isoindol-2-yl, 3,4-dihydrokinolin-1(2H)-yl, 3,4-dihydroisokinolin-10 2(1H)-yl, pyrrolyl, pyrazolyl, tiofenyl, imidazolyl, oksazolyl, tiazolyl, triazolyl, oksadiazolyl, pyridinyl, pyrimidinyl, 2-okso-1,2-dihydropyridin-4-yl, indolyl, benzotiofenyl, kinolinyl, isokinolinyl, 1H-pyrrolo[2,3-b]pyridin-4-yl, 6,7-dihydro-5H-pyrrolo[1,2-a]imidazol-3-yl, -(CO)NH<sub>2</sub>, methylsulfonyl, etylsulfonyl, propan-2-ylsulfonyl, phenylsulfonyl, methylsulfinyl, etylsulfinyl, propan-2-ylsulfinyl, phenylsulfinyl, methylsulfanyl, 15 etylsulfanyl, propan-2-ylsulfanyl, phenylsulfanyl, -N=(SO)dimetyl, -N=(SO)dietyl,



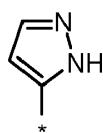
hvor \* indikerer festepunktet for gruppen med resten av molekylet, -(PO)(O-metyl)<sub>2</sub>-  
20 -(PO)(O-ethyl)metyl, -(PO)(O-2-metylpropyl)metyl, -(PO)(O-ethyl)2-metylpropyl, -(PO)dimetyl, -(PO)dietyl,  
hvor hvert methyl, etyl, propan-2-yl, 3-metylbutan-2-yl, pentan-3-yl, heksan-2-yl, 3,3-dimetylbutan-2-yl, metoksy, etoksy, propoksy, 2-metyl-propan-1-yloksy, butoksy, syklopropyl, sykloheksyl, azetidinyl, pyrrolidinyl, piperidinyl, piperazinyl, morfolinyl,  
25 3-okso-piperazin-1-yl, fenyl, pyrrolyl, pyrazolyl, tiofenyl, imidazolyl, oksazolyl, tiazolyl, triazolyl, oksadiazolyl, pyridinyl, pyrimidinyl, indolyl,



eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med fluor, klor, brom, OH, amino, -NH-syklopropyl, dimethylamino, methyl, etyl, propan-1-yl, propan-2-yl, 2-metylpropyl, *tert*-butyl, hydroksymetyl, 2-hydroksyethyl, 2-metyl-2-hydroksypropan-1-

- 5 yl, 2-hydroksypropan-2-yl, benzyl, fluoretyl, difluormetyl, trifluormetyl, metoksy, etoksy, isopropoksy, metoksymetyl, syklopropyl, syklobutyl, tetrahydrofuranyl, tetrahydropyranyl, fenyl, -(CO)O-metyl, (CO)O-*tert*-butyl, -(CO)NH<sub>2</sub>, -(CO)NH-metyl, -(CO)NH-*tert*-butyl, -(CO)dimethylamino, -(CO)piperidin-1-yl, -(CO)NH-syklopropyl, -NH(CO)metyl, -NH(CO)O-*tert*-butyl, methylsulfonyl, etylsulfonyl, propan-2-ylsulfonyl,
- 10 fenylsulfonyl, methylsulfanyl, -(SO<sub>2</sub>)NR<sup>7</sup>R<sup>8</sup>, NH(SO<sub>2</sub>)metyl, -((SO)=NH)metyl, -((SO)=NH)etyl, -((SO)=NH)propan-2-yl, -((SO)=N-metyl)metyl, -((SO)=N-(CO)O-etyl)metyl, -((SO)=N-(CN))metyl, -((SO)=N-(CO)NH-etyl)metyl, -(PO)(O-metyl)<sub>2</sub>, -(PO)(OH)(O-metyl) eller med furanyl, pyrazolyl,
- 15 hvori hvert 1,2,5,6-tetrahydropyridin-3-yl, 1,2,3,6-tetrahydropyridin-4-yl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med methyl;
- R<sup>4</sup> representerer hydrogen eller methyl.

**7. Forbindelsen med generell formel (Ib) ifølge ett av kravene 4 til 6, der R<sup>1</sup> representerer:**

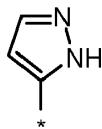


- 20 hvori \* indikerer festepunktet for gruppen med resten av molekylet; R<sup>2</sup> representerer 2,2-dimetylpropyl(metyl)amino, syklopropyl(metyl)amino, methyl(fenyl)amino, 3-metylbutan-2-yl, syklopropyl, tetrahydro-2H-pyranyl, tetrahydro-2H-tiopyran-4-yl, piperidinyl, piperazinyl, 5,6-dihydroimidazo[1,2-a]pyrazin-7(8H)-yl,
- 25 3,6-dihydro-2H-tiopyran-4-yl, fenyl, pyrrolyl, pyrazolyl, tiofenyl, imidazolyl, oksazolyl, tiazolyl, pyridinyl, 1H-pyrrolo[2,3-b]pyridin-4-yl eller 6,7-dihydro-5H-pyrrolo[1,2-a]imidazol-3-yl,
- hvori hvert 3-metylbutan-2-yl, syklopropyl, piperidinyl, piperazinyl, fenyl, pyrrolyl, pyrazolyl, tiofenyl, imidazolyl, oksazolyl, tiazolyl eller pyridinyl eventuelt er substituert,
- 30 én eller to eller tre ganger, uavhengig av hverandre, med fluor, klor, OH, amino, methyl, etyl, propan-1-yl, propan-2-yl, *tert*-butyl, hydroksymetyl, benzyl, fluoretyl, trifluormetyl,

metoksy, syklopropyl, -(CO)O-metyl, metylsulfonyl, metylsulfanyl, -((SO)=NH)metyl; R<sup>4</sup> representerer methyl.

**8.** Forbindelsen med generell formel (Ib) ifølge ett av kravene 4 til 7, der

5 R<sup>1</sup> representerer:



hvor \* indikerer festepunktet for gruppen med resten av molekylet;

R<sup>2</sup> representerer tetrahydro-2H-tiopyran-4-yl, piperidinyl, 5,6-dihydroimidazo[1,2-

a]pyrazin-7(8H)-yl, fenyl, pyrrolyl, pyrazolyl, oksazolyl, pyridinyl eller 6,7-dihydro-5H-

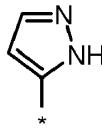
10 pyrrolo[1,2-a]imidazol-3-yl, hvor hvert piperidinyl, fenyl, pyrrolyl, pyrazolyl, oksazolyl eller pyridinyl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med fluor, amino, methyl, etyl, propan-2-yl, hydroksymethyl, metoksy, syklopropyl, metylsulfonyl, metylsulfanyl, -((SO)=NH)metyl;

R<sup>4</sup> representerer methyl.

15

**9.** Forbindelsen med generell formel (Ib) ifølge ett av kravene 4 til 7, der

R<sup>1</sup> representerer:



,

20 hvor \* indikerer festepunktet for gruppen med resten av molekylet;

R<sup>2</sup> representerer 2,2-dimetylpropyl(metyl)amino, syklopropyl(metyl)amino,

metyl(fenyl)amino, 3-metylbutan-2-yl, syklopropyl, tetrahydro-2H-pyranyl, tetrahydro-

2H-tiopyran-4-yl, piperidin-4-yl, piperazin-1-yl, 5,6-dihydroimidazo[1,2-a]pyrazin-7(8H)-yl, 3,6-dihydro-2H-tiopyran-4-yl, fenyl, pyrrol-2-yl, 1H-pyrazol-5-yl, 1H-pyrazol-4-yl,

25 tiofen-2-yl, tiofen-3-yl, 1H-imidazol-5-yl, 1,2-oksazol-5-yl, 1,3-tiazol-5-yl, pyridin-3-yl, pyridin-4-yl, 1H-pyrrolo[2,3-b]pyridin-4-yl eller 6,7-dihydro-5H-pyrrolo[1,2-a]imidazol-3-yl,

hvor hvert 3-metylbutan-2-yl, syklopropyl, piperidin-4-yl, piperazin-1-yl, fenyl, pyrrol-2-yl, 1H-pyrazol-5-yl, 1H-pyrazol-4-yl, tiofen-2-yl, tiofen-3-yl, 1H-imidazol-5-yl,

30 1,2-oksazol-5-yl, 1,3-tiazol-5-yl, pyridin-3-yl eller pyridin-4-yl eventuelt er substituert, én eller flere ganger, uavhengig av hverandre, med

fluor, klor, OH, amino, methyl, etyl, propan-1-yl, propan-2-yl, *tert*-butyl, hydroksymethyl,

benzyl, 2-fluoreetyl, trifluormetyl, metoksy, syklopropyl, -(CO)O-metyl, metylsulfonyl,

metylsulfanyl eller -((SO)=NH)metyl;

R<sup>4</sup> representerer methyl.

**10.** Forbindelsen med generell formel (I) eller (Ib) ifølge ett av kravene 1 til 9, som er 2-[(3R)-3-methylmorpholin-4-yl]-4-(1-methyl-1H-pyrazol-5-yl)-8-(1H-pyrazol-5-yl)-1,7-naftyridin.

**11.** Forbindelsen med generell formel (I) eller (Ib) ifølge ett av kravene 1 til 10, for anvendelse ved behandlingen eller profylaksen av en sykdom.

10 **12.** Farmasøytisk sammensetning som omfatter forbindelsen med generell formel (I) eller (Ib) ifølge ett av kravene 1 til 10 og én eller flere farmasøytisk akseptable eksipensiører.

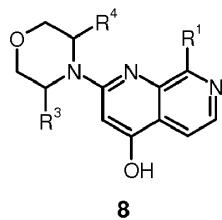
15 **13.** Farmasøytisk sammensetning ifølge krav 12 for anvendelse ved behandling eller profylakse av en hyperproliferativ sykdom.

**14.** Farmasøytisk kombinasjon som omfatter:

- én eller flere aktive ingrediens(er) valgt fra en forbindelse med generell formel (I) eller (Ib) ifølge ett av kravene 1 til 10, og

20 - én eller flere aktive ingrediens(er) valgt fra anti-hyperproliferative, cytostatiske eller cytotoxiske stoffer for behandling av kreft.

**15.** Forbindelse med generell formel 8



25 der R<sup>1</sup>, R<sup>3</sup> og R<sup>4</sup> er som definert for forbindelsen med generell formel (I) eller (Ib) ifølge ett av kravene 1 til 10.