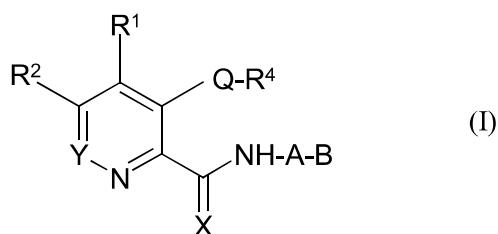


## Unconditional amendments to EP (UK) 2 289 531:

1. A compound for use in the treatment or prevention of anemia associated with kidney disease, wherein the compound is a compound of formula (I):



wherein

A is (C<sub>1</sub>-C<sub>4</sub>)-alkylene;

B is -CO<sub>2</sub>H, -NH<sub>2</sub>, -NHSO<sub>2</sub>CF<sub>3</sub>, tetrazolyl, imidazolyl, 3-hydroxyisoxazolyl, -CONHCOR<sup>'''</sup>, -CONHSOR<sup>'''</sup>, CONHSO<sub>2</sub>R<sup>'''</sup>, where R<sup>'''</sup> is aryl, heteroaryl, (C<sub>3</sub>-C<sub>7</sub>)-cycloalkyl, or (C<sub>1</sub>-C<sub>4</sub>)-alkyl, optionally monosubstituted by (C<sub>6</sub>-C<sub>12</sub>)-aryl, heteroaryl, OH, SH, (C<sub>1</sub>-C<sub>4</sub>)-alkyl, (C<sub>1</sub>-C<sub>4</sub>)-alkoxy, (C<sub>1</sub>-C<sub>4</sub>)-thioalkyl, (C<sub>1</sub>-C<sub>4</sub>)-sulfinyl, (C<sub>1</sub>-C<sub>4</sub>)-sulfonyl, CF<sub>3</sub>, Cl, Br, F, I, NO<sub>2</sub>, -COOH, (C<sub>2</sub>-C<sub>5</sub>)-alkoxycarbonyl, NH<sub>2</sub>, mono-(C<sub>1</sub>-C<sub>4</sub>)-alkyl-amino, di-(C<sub>1</sub>-C<sub>4</sub>)-alkyl-amino, or (C<sub>1</sub>-C<sub>4</sub>)-perfluoroalkyl; or wherein B is a CO<sub>2</sub>-G carboxyl radical, where G is a radical of an alcohol G-OH in which G is selected from (C<sub>1</sub>-C<sub>20</sub>)-alkyl radical, (C<sub>3</sub>-C<sub>8</sub>) cycloalkyl radical, (C<sub>2</sub>-C<sub>20</sub>)-alkenyl radical, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkenyl radical, retinyl radical, (C<sub>2</sub>-C<sub>20</sub>)-alkynyl radical, (C<sub>4</sub>-C<sub>20</sub>)-alkenynyl radical, where the alkenyl, cycloalkenyl, alkynyl, and alkenynyl radicals contain one or more multiple bonds; (C<sub>6</sub>-C<sub>16</sub>)-carbocyclic aryl radical, (C<sub>7</sub>-C<sub>16</sub>)-carbocyclic aralkyl radical, heteroaryl radical, or heteroaralkyl radical, wherein a heteroaryl radical or heteroaryl moiety of a heteroaralkyl radical contains 5 or 6 ring atoms; and wherein radicals defined for G are substituted by one or more hydroxyl, halogen, cyano, trifluoromethyl, nitro, carboxyl, (C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>5</sub>-C<sub>8</sub>)-cycloalkenyl, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>16</sub>)-aralkyl, (C<sub>2</sub>-C<sub>12</sub>)-alkenyl, (C<sub>2</sub>-C<sub>12</sub>)-alkynyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy, (C<sub>7</sub>-C<sub>16</sub>)-

aralkyloxy, (C<sub>1</sub>-C<sub>8</sub>)-hydroxyalkyl, -O-[CH<sub>2</sub>]<sub>x</sub>-C<sub>f</sub>H<sub>(2f+1-g)</sub>-F<sub>g</sub>, -OCF<sub>2</sub>Cl, -OCF<sub>2</sub>-CHFCl, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyl, cinnamoyl, (C<sub>2</sub>-C<sub>12</sub>)-alkenylcarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkynylcarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxycarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxycarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkynyloxycarbonyl, acyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxycarbonyloxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxycarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxycarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkynyloxycarbonyloxy, carbamoyl, N-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyl, N.N-di(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyl, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-carbamoyl, N-(C<sub>6</sub>-C<sub>16</sub>)-arylcarbamoyl, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>16</sub>)-arylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>16</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, carbamoyloxy, N-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N.N-di-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyloxy, N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, amino, (C<sub>1</sub>-C<sub>12</sub>)-alkylamino, di-(C<sub>1</sub>-C<sub>12</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino, (C<sub>2</sub>-C<sub>12</sub>)-alkenylamino, (C<sub>2</sub>-C<sub>12</sub>)-alkynylamino, N-(C<sub>6</sub>-C<sub>12</sub>)-arylamino, N-(C-C<sub>11</sub>)-aralkylamino, N-alkyl-aralkylamino, N-alkyl-arylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxyamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonylamino, (C<sub>6</sub>-C<sub>12</sub>)-

arylcarbonylamino, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>7</sub>-C<sub>11</sub>)-aralkylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>12</sub>)-aralkylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, amino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N,N-di-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylmercapto, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfinyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfonyl, (C<sub>6</sub>-C<sub>16</sub>)-arylmercapto, (C<sub>6</sub>-C<sub>16</sub>)-arylsulfinyl, (C<sub>6</sub>-C<sub>12</sub>)-arylsulfonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylmercapto, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfinyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonyl, sulfamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkylsulfamoyl, N,N-di-(C<sub>1</sub>-C<sub>10</sub>)-alkylsulfamoyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylsulfamoyl, N-(C<sub>6</sub>-C<sub>12</sub>)-alkylsulfamoyl, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylsulfamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfamoyl, (C<sub>1</sub>-C<sub>10</sub>)-alkylsulfonamido, N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-(C<sub>1</sub>-C<sub>10</sub>)-alkylsulfonamido, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonamido, or N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-(C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonamido; wherein radicals which are aryl or contain an aryl moiety, may be substituted on the aryl by one to five identical or different hydroxyl, halogen, cyano, trifluoromethyl, nitro, carboxyl, (C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>16</sub>)-aralkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy, (C<sub>1</sub>-C<sub>8</sub>)-hydroxyalkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-carbonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxycarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxycarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkynyloxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyloxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyloxy, cinnamoyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenylcarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkynylcarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxycarbonyloxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxycarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxycarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkynyloxycarbonyloxy, carbamoyl, N-(C<sub>1</sub>-

C<sub>12</sub>)-alkylcarbamoyl, N.N-di-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyl, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyl, N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyl, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, carbamoyloxy, N-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N.N-di-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyloxy, N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, amino, (C<sub>1</sub>-C<sub>12</sub>)-alkylamino, di-(C<sub>1</sub>-C<sub>12</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino, (C<sub>3</sub>-C<sub>12</sub>)-alkenylamino, (C<sub>3</sub>-C<sub>12</sub>)-alkynylamino, N-(C<sub>6</sub>-C<sub>12</sub>)-arylamino, N-(C<sub>7</sub>-C<sub>11</sub>)-aralkylamino, N-alkylaralkylamino, N-alkyl-arylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxyamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonylamino, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonylamino, (C<sub>7</sub>-C<sub>16</sub>)-alkylcarbonylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>7</sub>-C<sub>11</sub>)-aralkylcarbonyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, amino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N.N-di-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylmercapto, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfinyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylmercapto, (C<sub>6</sub>-C<sub>12</sub>)-arylsulfinyl,

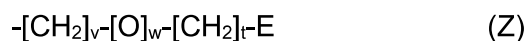
(C<sub>6</sub>-C<sub>12</sub>)-arylsulfonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylmercapto, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfinyl, or (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonyl;

X is O or S;

Q is O, S, NR', or a bond;

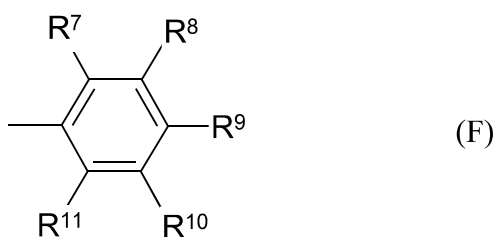
where, if Q is a bond, R<sup>4</sup> is halogen, nitrile, or trifluoromethyl;

or where, if Q is O, S, or NR', R<sup>4</sup> is hydrogen, (C<sub>1</sub>-C<sub>10</sub>)-alkyl radical, (C<sub>2</sub>-C<sub>10</sub>)-alkenyl radical, (C<sub>2</sub>-C<sub>10</sub>)-alkynyl radical, wherein alkenyl or alkynyl radical contains one or two C-C multiple bonds; unsubstituted fluoroalkyl radical of the formula -[CH<sub>2</sub>]<sub>x</sub>-C<sub>f</sub>H<sub>(2f+1-g)</sub>-F<sub>g</sub>, (C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl radical, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkoxy-(C<sub>1</sub>-C<sub>4</sub>)-alkyl radical, aryl radical, heteroaryl radical, (C<sub>7</sub>-C<sub>11</sub>)-aralkyl radical, or a radical of the formula Z



where

E is a heteroaryl radical, a (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl radical, or a phenyl radical of the formula F



v is 0-6,

w is 0 or 1,

t is 0-3, and

R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, and R<sup>11</sup> are identical or different and are hydrogen, halogen, cyano, nitro, trifluoromethyl, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy, -O-[CH<sub>2</sub>]<sub>x</sub>-

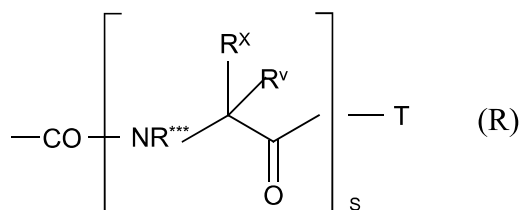
$C_fH_{(2f+1-g)}-F_g$ ,  $-OCF_2-Cl$ ,  $-O-CF_2-CHFCl$ , (C<sub>1</sub>-C<sub>6</sub>)-alkylmercapto, (C<sub>1</sub>-C<sub>6</sub>)-hydroxyalkyl, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl, (C<sub>1</sub>-C<sub>6</sub>)-alkylcarbonyl, (C<sub>1</sub>-C<sub>8</sub>)-alkoxycarbonyl, carbamoyl, N-(C<sub>1</sub>-C<sub>8</sub>)-alkylcarbamoyl, N,N-di-(C<sub>1</sub>-C<sub>8</sub>)-alkylcarbamoyl, or (C<sub>7</sub>-C<sub>11</sub>)-aralkylcarbamoyl, optionally substituted by fluorine, chlorine, bromine, trifluoromethyl, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyl, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>4</sub>)-alkylcarbamoyl, (C<sub>1</sub>-C<sub>6</sub>)-alkylcarbonyloxy, phenyl, benzyl, phenoxy, benzyloxy, NR<sup>Y</sup>R<sup>Z</sup> wherein R<sup>Y</sup> and R<sup>Z</sup> are independently selected from hydrogen, (C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>12</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>10</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>12</sub>)-alkenyl, (C<sub>3</sub>-C<sub>12</sub>)-alkynyl, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>11</sub>)-aralkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>7</sub>-C<sub>12</sub>)-aralkoxy, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyl; or further wherein R<sup>Y</sup> and R<sup>Z</sup> together are  $-[CH_2]_n$ , in which a CH<sub>2</sub> group can be replaced by O, S, N-(C<sub>1</sub>-C<sub>4</sub>)-alkylcarbonylimino, or N-(C<sub>1</sub>-C<sub>4</sub>)-alkoxycarbonylimino; phenylmercapto, phenylsulfonyl, phenylsulfinyl, sulfamoyl, N-(C<sub>1</sub>-C<sub>8</sub>)-alkylsulfamoyl, or N, N-di-(C<sub>1</sub>-C<sub>8</sub>)-alkylsulfamoyl; or alternatively R<sup>7</sup> and R<sup>8</sup>, R<sup>8</sup> and R<sup>9</sup>, R<sup>9</sup> and R<sup>10</sup>, or R<sup>10</sup> and R<sup>11</sup>, together are a chain selected from  $-[CH_2]_n-$  or  $-CH=CH-CH=CH-$ , where a CH<sub>2</sub> group of the chain is optionally replaced by O, S, SO, SO<sub>2</sub>, or NR<sup>Y</sup>; and n is 3, 4, or 5; and if E is a heteroaryl radical, said radical can carry 1-3 substituents selected from those defined for R<sup>7</sup>-R<sup>11</sup>, or if E is a cycloalkyl radical, the radical can carry one substituent selected from those defined for R<sup>7</sup>-R<sup>11</sup>;

or where, if Q is NR', R<sup>4</sup> is alternatively R'', where R' and R'' are identical or different and are hydrogen, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>11</sub>)-aralkyl, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>12</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>1</sub>-C<sub>10</sub>)-alkylcarbonyl, optionally substituted (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyl, or optionally substituted (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl; or R' and R'' together are  $-[CH_2]_n$ , in which a CH<sub>2</sub> group can be replaced by O, S, N-acylimino, or N-(C<sub>1</sub>-C<sub>10</sub>)-alkoxycarbonylimino, and h is 3 to 7;

Y is N or CR<sup>3</sup>;

R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are identical or different and are hydrogen, hydroxyl, halogen, cyano, trifluoromethyl, nitro, carboxyl, (C<sub>1</sub>-C<sub>20</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyloxy-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyloxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>8</sub>)-alkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>16</sub>)-aralkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkenyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkynyl, (C<sub>2</sub>-C<sub>20</sub>)-alkenyl, (C<sub>2</sub>-C<sub>20</sub>)-alkynyl, (C<sub>1</sub>-C<sub>20</sub>)-alkoxy, (C<sub>2</sub>-C<sub>20</sub>)-alkenyloxy, (C<sub>2</sub>-C<sub>20</sub>)-alkynyloxy, retinyloxy, (C<sub>1</sub>-C<sub>20</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>16</sub>)-hydroxyalkyl, (C<sub>6</sub>-C<sub>16</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>20</sub>)-alkenyloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>20</sub>)-alkynyloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, retinyloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, -O-[CH<sub>2</sub>]<sub>x</sub>CfH<sub>(2f+1-g)</sub>F<sub>g</sub>, -OCF<sub>2</sub>Cl, -OCF<sub>2</sub>-CHFCl, (C<sub>1</sub>-C<sub>20</sub>)-alkylcarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcabonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyl, cinnamoyl, (C<sub>2</sub>-C<sub>20</sub>)-alkenylcarbonyl, (C<sub>2</sub>-C<sub>20</sub>)-alkynylcarbonyl, (C<sub>1</sub>-C<sub>20</sub>)-alkoxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxycarbonyl, (C<sub>2</sub>-C<sub>20</sub>)-alkenyloxycarbonyl, retinyloxycarbonyl, (C<sub>2</sub>-C<sub>20</sub>)-alkynyloxycarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyloxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-arylcabonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyloxy, cinnamoyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenylcarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkynylcarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-

aryloxy-carbonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-carbonyloxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-carbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxy-carbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkynyloxy-carbonyloxy, carbamoyl, N-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyl, N,N-di-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyl, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyl, N,N-dicyclo-(C<sub>3</sub>-C<sub>8</sub>)-alkylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyl, N-((C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>6</sub>)-alkyl-N-((C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl)-carbamoyl, N-(+)-dehydroabietylcarbamoyl, N-(C<sub>1</sub>-C<sub>6</sub>)-alkyl-N-(+)-dehydroabietylcarbamoyl, N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyl, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>16</sub>)-arylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-((C<sub>1</sub>-C<sub>18</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-((C<sub>6</sub>-C<sub>16</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl; CON(CH<sub>2</sub>)<sub>h</sub>, in which a CH<sub>2</sub> group can be replaced by O, S, N-(C<sub>1</sub>-C<sub>8</sub>)-alkylimino, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylimino, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>4</sub>)-alkylimino, N-(C<sub>6</sub>-C<sub>12</sub>)-arylimino, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylimino, N-(C<sub>1</sub>-C<sub>4</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkylimino, and h is from 3 to 7; a carbamoyl radical of the formula R



in which

R<sup>x</sup> and R<sup>y</sup> are each independently selected from hydrogen, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>7</sub>)-cycloalkyl, or aryl,

s is 1-5,

T is OH, or NR<sup>\*</sup>R<sup>\*\*</sup>, and R<sup>\*</sup>, R<sup>\*\*</sup> and R<sup>\*\*\*</sup> are identical or different and are selected from hydrogen, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>11</sub>)-aralkyl, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (+)-



dehydroabietyl, (C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>12</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>1</sub>-C<sub>10</sub>)-alkanoyl, optionally substituted (C<sub>7</sub>-C<sub>16</sub>)-aralkanoyl, optionally substituted (C<sub>6</sub>-C<sub>12</sub>)-aroyl; or R\* and R\*\* together are -[CH<sub>2</sub>]<sub>h</sub>, in which a CH<sub>2</sub> group can be replaced by O, S, SO, SO<sub>2</sub>, N-acylamino, N-(C<sub>1</sub>-C<sub>10</sub>)-alkoxycarbonylimino, N-(C<sub>1</sub>-C<sub>8</sub>)-alkylimino, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylimino, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>4</sub>)-alkylimino, N-(C<sub>6</sub>-C<sub>12</sub>)-arylimino, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylimino, N-(C<sub>1</sub>-C<sub>4</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkylimino, and h is from 3 to 7;

carbamoyloxy, N-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N,N-di-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyloxy, N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyloxyamino, (C<sub>1</sub>-C<sub>12</sub>)-alkylamino, di-(C<sub>1</sub>-C<sub>12</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino, (C<sub>3</sub>-C<sub>12</sub>)-alkenylamino, (C<sub>3</sub>-C<sub>12</sub>)-alkynylamino, N-(C<sub>6</sub>-C<sub>12</sub>)-arylamino, N-(C<sub>7</sub>-C<sub>11</sub>)-aralkylamino, N-alkyl-aralkylamino, N-alkyl-arylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxyamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkanoylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanoylamino, (C<sub>6</sub>-C<sub>12</sub>)-aroylamino, (C<sub>7</sub>-C<sub>16</sub>)-aralkanoylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkanoyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanoyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>6</sub>-C<sub>12</sub>)-aroyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>7</sub>-C<sub>11</sub>)-aralkanoyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkanoylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanoylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aroylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkanoylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, amino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N,N-di(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>1</sub>-C<sub>20</sub>)-alkylmercapto, (C<sub>1</sub>-C<sub>20</sub>)-alkylsulfinyl, (C<sub>1</sub>-C<sub>20</sub>)-alkylsulfonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylmercapto, (C<sub>6</sub>-C<sub>12</sub>)-arylsulfinyl, (C<sub>6</sub>-C<sub>12</sub>)-arylsulfonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylmercapto, (C<sub>7</sub>-C<sub>16</sub>)-

aralkylsulfinyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylmercapto-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfinyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfonyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-arylmercapto-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-arylsulfinyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-arylsulfonyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylmercapto-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfinyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, sulfamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkylsulfamoyl, N,N-di-(C<sub>1</sub>-C<sub>10</sub>)-alkylsulfamoyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylsulfamoyl, N-(C<sub>6</sub>-C<sub>12</sub>)-arylsulfamoyl, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylsulfamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfamoyl, (C<sub>1</sub>-C<sub>10</sub>)-alkylsulfonamido, N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-(C<sub>1</sub>-C<sub>10</sub>)-alkylsulfonamido, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonamido, and N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)-(C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonamido; where an aryl radical may be substituted by 1 to 5 substituents selected from hydroxyl, halogen, cyano, trifluoromethyl, nitro, carboxyl, (C<sub>2</sub>-C<sub>16</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>8</sub>)-alkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>7</sub>-C<sub>16</sub>)-aralkyl, (C<sub>2</sub>-C<sub>16</sub>)-alkenyl, (C<sub>2</sub>-C<sub>12</sub>)-alkynyl, (C<sub>1</sub>-C<sub>16</sub>)-alkoxy, (C<sub>1</sub>-C<sub>16</sub>)-alkenyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>8</sub>)-hydroxyalkyl, (C<sub>6</sub>-C<sub>16</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>7</sub>-C<sub>12</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, -O-[CH<sub>2</sub>]<sub>x</sub>C<sub>f</sub>H<sub>(2f+1-g)</sub>F<sub>g</sub>, -OCF<sub>2</sub>Cl, -OCF<sub>2</sub>-CHFCl, (C<sub>1</sub>-C<sub>12</sub>)-alkylcarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxycarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxycarbonyl, (C<sub>2</sub>-C<sub>12</sub>)-alkynyloxycarbonyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl, (C<sub>1</sub>-C<sub>12</sub>)-

alkylcarbonyloxy, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-arylcarbonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-  
aralkylcarbonyloxy, cinnamoyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenylcarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-  
alkynylcarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxycarbonyloxy, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-(C<sub>1</sub>-C<sub>12</sub>)-  
alkoxycarbonyloxy, (C<sub>6</sub>-C<sub>12</sub>)-aryloxycarbonyloxy, (C<sub>7</sub>-C<sub>16</sub>)-aralkyloxycarbonyloxy, (C<sub>3</sub>-  
C<sub>8</sub>)-cycloalkoxycarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-alkenyloxycarbonyloxy, (C<sub>2</sub>-C<sub>12</sub>)-  
alkynyloxycarbonyloxy, carbamoyl, N-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyl, N,N-di(C<sub>1</sub>-C<sub>12</sub>)-  
alkylcarbamoyl, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyl, N,N-dicyclo-(C<sub>3</sub>-C<sub>8</sub>)-alkylcarbamoyl,  
N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylcarbamoyl, N-((C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-  
alkyl)carbamoyl, N-(C<sub>1</sub>-C<sub>6</sub>)-alkyl-N-((C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl)carbamoyl, N-(+)-  
dehydroabietylcarbamoyl, N-(C<sub>1</sub>-C<sub>6</sub>)-alkyl-N-(+)-dehydroabietylcarbamoyl, N-(C<sub>6</sub>-C<sub>12</sub>)-  
arylcarbamoyl, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>16</sub>)-  
arylcarbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyl, N-((C<sub>1</sub>-C<sub>16</sub>)-alkoxy-(C<sub>1</sub>-  
C<sub>10</sub>)-alkyl)carbamoyl, N-((C<sub>6</sub>-C<sub>16</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyl, N-((C<sub>7</sub>-C<sub>16</sub>)-  
aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-  
alkyl)carbamoyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyl, N-(C<sub>1</sub>-  
C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)-carbamoyl, CON(CH<sub>2</sub>)<sub>h</sub>, in which a  
CH<sub>2</sub> group can be replaced by, O, S, N-(C<sub>1</sub>-C<sub>8</sub>)-alkylimino, N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkylimino,  
N-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>4</sub>)-alkylimino, N-(C<sub>6</sub>-C<sub>12</sub>)-arylimino, N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylimino,  
N-(C<sub>1</sub>-C<sub>4</sub>)-alkoxy-(C<sub>1</sub>-C<sub>6</sub>)-alkylimino, and h is from 3 to 7; carbamoyloxy, N-(C<sub>1</sub>-C<sub>12</sub>)-  
alkylcarbamoyloxy, N,N-di-(C<sub>1</sub>-C<sub>12</sub>)-alkylcarbamoyloxy, N-(C<sub>3</sub>-C<sub>8</sub>)-  
cycloalkylcarbamoyloxy, N-(C<sub>6</sub>-C<sub>16</sub>)-arylcarbamoyloxy, N-(C<sub>7</sub>-C<sub>16</sub>)-  
aralkylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-(C<sub>6</sub>-C<sub>12</sub>)-arylcarbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-  
N-(C<sub>7</sub>-C<sub>16</sub>)-aralkylcarbamoyloxy, N-((C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyloxy, N-((C<sub>6</sub>-C<sub>12</sub>)-aryloxy-  
(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyloxy, N-((C<sub>7</sub>-C<sub>16</sub>)-aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyloxy, N-  
(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>1</sub>-C<sub>10</sub>)-alkoxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-  
(C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyloxy, N-(C<sub>1</sub>-C<sub>10</sub>)-alkyl-N-((C<sub>7</sub>-C<sub>16</sub>)-  
aralkyloxy-(C<sub>1</sub>-C<sub>10</sub>)-alkyl)carbamoyloxy, amino, (C<sub>1</sub>-C<sub>12</sub>)-alkylamino, di-(C<sub>1</sub>-C<sub>12</sub>)-  
alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino, (C<sub>3</sub>-C<sub>12</sub>)-alkenylamino, (C<sub>3</sub>-C<sub>12</sub>)-alkynylamino,

N-(C<sub>6</sub>-C<sub>12</sub>)-arylamino, N-(C<sub>7</sub>-C<sub>11</sub>)-aralkylamino, N-alkyl-aralkylamino, N-alkyl-arylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxyamino, (C<sub>1</sub>-C<sub>12</sub>)-alkoxy-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkanoylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanoylamino, (C<sub>6</sub>-C<sub>12</sub>)-aroylamino, (C<sub>7</sub>-C<sub>16</sub>)-aralkanoylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkanoyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanoyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>6</sub>-C<sub>12</sub>)-aroyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>7</sub>-C<sub>11</sub>)-aralkanoyl-N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino, (C<sub>1</sub>-C<sub>12</sub>)-alkanoylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanoylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aroylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkanoylamino-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, amino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, N,N-di-(C<sub>1</sub>-C<sub>10</sub>)-alkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkylamino-(C<sub>1</sub>-C<sub>10</sub>)-alkyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylmercapto, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfinyl, (C<sub>1</sub>-C<sub>12</sub>)-alkylsulfonyl, (C<sub>6</sub>-C<sub>16</sub>)-arylmercapto, (C<sub>6</sub>-C<sub>16</sub>)-arylsulfinyl, (C<sub>6</sub>-C<sub>16</sub>)-arylsulfonyl, (C<sub>7</sub>-C<sub>16</sub>)-aralkylmercapto, (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfinyl, or (C<sub>7</sub>-C<sub>16</sub>)-aralkylsulfonyl;

or wherein R<sup>1</sup> and R<sup>2</sup>, or R<sup>2</sup> and R<sup>3</sup> form a chain [CH<sub>2</sub>]<sub>o</sub>, which is saturated or unsaturated by a C=C double bond, in which 1 or 2 CH<sub>2</sub> groups are optionally replaced by O, S, SO, SO<sub>2</sub>, or NR', and R' is hydrogen, (C<sub>6</sub>-C<sub>12</sub>)-aryl, (C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>1</sub>-C<sub>8</sub>)-alkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>7</sub>-C<sub>12</sub>)-aralkoxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>6</sub>-C<sub>12</sub>)-aryloxy-(C<sub>1</sub>-C<sub>8</sub>)-alkyl, (C<sub>1</sub>-C<sub>10</sub>)-alkanoyl, optionally substituted (C<sub>7</sub>-C<sub>16</sub>)-aralkanoyl, or optionally substituted (C<sub>6</sub>-C<sub>12</sub>)-aroyl; and o is 3, 4 or 5;

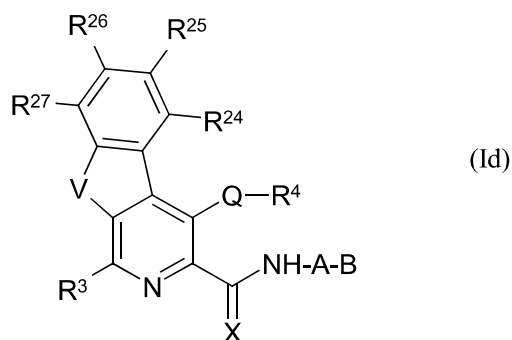
or wherein the radicals R<sup>1</sup> and R<sup>2</sup>, or R<sup>2</sup> and R<sup>3</sup>, together with the pyridine or pyridazine carrying them, form a 5,6,7,8-tetrahydroisoquinoline ring, a 5,6,7,8-tetrahydroquinoline ring, or a 5,6,7,8-tetrahydrocinnoline ring;

or wherein R<sup>1</sup> and R<sup>2</sup>, or R<sup>2</sup> and R<sup>3</sup> form a carbocyclic or heterocyclic 5- or 6-membered aromatic ring;

or where R<sup>1</sup> and R<sup>2</sup>, or R<sup>2</sup> and R<sup>3</sup>, together with the pyridine or pyridazine carrying them, form an optionally substituted heterocyclic ring systems selected from thienopyridines, furanopyridines, pyridopyridines, pyrimidinopyridines,

imidazopyridines, thiazolopyridines, oxazolopyridines, quinoline, isoquinoline, and cinnoline;

or wherein the radicals R<sup>1</sup> and R<sup>2</sup>, together with the pyridine carrying them, form a compound of Formula Id:



where V is S, O, or NR<sup>k</sup>, and R<sup>k</sup> is selected from hydrogen, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, aryl, or benzyl; where an aryl radical may be optionally substituted by 1 to 5 substituents as defined above; and

R<sup>24</sup>, R<sup>25</sup>, R<sup>26</sup>, and R<sup>27</sup> in each case independently of each other have the meaning of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>;

f is 1 to 8;

g is 0 or 1 to (2f+1);

x is 0 to 3; and

h is 3 to 7;

including physiologically active salts thereof.

2. The compound of claim 1 for the use of that claim wherein the compound inhibits HIF prolyl hydroxylase.

3. The compound of claim 1 or claim 2 for the use of that claim wherein

A is C<sub>1</sub>-alkylene;

B is -CO<sub>2</sub>H;

Q is O;

R<sup>4</sup> is hydrogen;

X is O;

Y is CR<sup>3</sup>;

and R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are as defined above;

including physiologically active salts derived therefrom.

4. The compound of any one of claims 1-3 for the use of that claim wherein the compound is a structural mimetic of 2-oxoglutarate.

2-5. The compound of claim 1 for the use of that claim, wherein the anemia is associated with abnormal hemoglobin or abnormal erythrocytes.

3-6. The compound of claim 1 for the use of that claim, wherein the anemia is associated with a condition selected from the group consisting of diabetes, cancer, ulcers, immunosuppressive disease, infection, and inflammation.

4-7. The compound of claim 1 for the use of that claim, wherein the anemia is associated with diabetes, cancer, ulcers, or AIDS.

5-8. The compound of claim 2-5 for the use of that claim, wherein the anemia is selected from the group consisting of microcytic anemia, hypochromic anemia, and aplastic anemia.

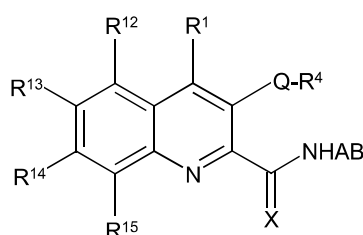
6-9. The compound of claim 1 for the use of that claim, wherein the anemia is associated with radiation therapy, chemotherapy, or surgery.

7-10. The compound of claim 1 for the use of that claim, wherein the anemia is associated with blood loss.

8-11. The compound of claim 1 for the use of that claim, wherein the anemia is associated with defects in iron transport, processing, or utilization.

9-12. The compound of any preceding claim for the use of that claim, wherein the compound is for oral administration.

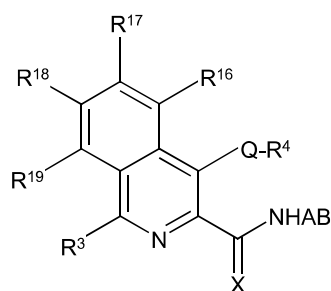
10-13. The compound according to any preceding claim for the use of that claim, wherein R<sup>2</sup> and R<sup>3</sup>, together with the pyridine carrying them, form an optionally substituted quinoline of formula (Ia):



(Ia)

and the substituents R<sup>12</sup> to R<sup>15</sup> in each case independently of each other have the meaning of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>.

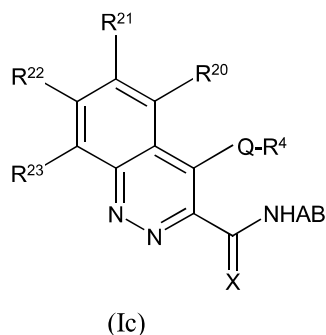
11-14. The compound according to any one of claims 1-9-12 for the use of that claim, wherein R<sup>1</sup> and R<sup>2</sup>, together with the pyridine carrying them, form an optionally substituted isoquinoline of formula (Ib):



(Ib)

and the substituents R<sup>16</sup> to R<sup>19</sup> in each case independently of each other have the meaning of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>.

~~42~~15. The compound according to any one of claims 1-~~9~~12 for the use of that claim, wherein R<sup>1</sup> and R<sup>2</sup>, together with the pyridazine carrying them, form an optionally substituted cinnoline of formula (Ic):



and the substituents R<sup>20</sup> to R<sup>23</sup> in each case independently of each other have the meaning of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>.

16. A compound selected from the group consisting of [(1-chloro-4-hydroxy-isoquinoline-3-carbonyl)-amino]-acetic acid, [(3-benzyloxy-7-chloro-quinoline-2-carbonyl)-amino]-acetic acid, [(3-hydroxy-6-isopropoxy-quinoline-2-carbonyl)-amino]-acetic acid, [(3-hydroxy-6-phenoxy-quinoline-2-carbonyl)-amino]-acetic acid, [(3-hydroxy-6-trifluoromethoxy-quinoline-2-carbonyl)-amino]-acetic acid, [(4-hydroxy-7-isopropoxy-isoquinoline-3-carbonyl)-amino]-acetic acid, [(7-butoxy-4-hydroxy-isoquinoline-3-carbonyl)-amino]-acetic acid, [(1-Chloro-4-hydroxy-7-isopropoxy-isoquinoline-3-carbonyl)-amino]-acetic acid and N-((1-chloro-4-hydroxy-7-methoxyisoquinolin-3-yl)-carbonyl)-glycine for use as defined in any one of claims 1, 2, 3 or 4.

17. The compound according to claim 16 for the use of that claim, wherein the compound is [(1-chloro-4-hydroxy-isoquinoline-3-carbonyl)-amino]-acetic acid.