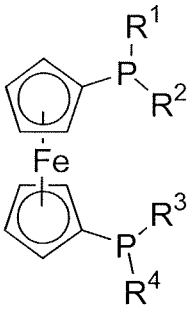
Claims

1. Compound of formula (I)



(I)

where

R^1, R^2, R^3, R^4 are each independently selected from -(C_1-C_{12})-alkyl, -(C_3-C_{12})-cycloalkyl, -(C_3-C_{12})-heterocycloalkyl, -(C_6-C_{20})-aryl, -(C_3-C_{20})-heteroaryl;

at least one of the R^1, R^2, R^3, R^4 radicals is a ~~-(C_6-C_{20})-~~heteroaryl radical having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl;

and

R^1, R^2, R^3, R^4, if they are -(C_1-C_{12})-alkyl, -(C_3-C_{12})-cycloalkyl, -(C_3-C_{12})-heterocycloalkyl, -(C_6-C_{20})-aryl, -(C_3-C_{20})-heteroaryl or -(C_6-C_{20})-heteroaryl,

may each independently be substituted by one or more substituents selected from -(C_1-C_{12})-alkyl, -(C_3-C_{12})-cycloalkyl, -(C_3-C_{12})-heterocycloalkyl, -O-(C_1-C_{12})-alkyl, -O-(C_1-C_{12})-alkyl-(C_6-C_{20})-aryl, -O-(C_3-C_{12})-cycloalkyl, -S-(C_1-C_{12})-alkyl, -S-(C_3-C_{12})-cycloalkyl, -COO-(C_1-C_{12})-alkyl, -COO-(C_3-C_{12})-cycloalkyl, -CONH-(C_1-C_{12})-alkyl, -CONH-(C_3-C_{12})-cycloalkyl, -CO-(C_1-C_{12})-alkyl, -CO-(C_3-C_{12})-cycloalkyl, -N-[(C_1-C_{12})-alkyl]$_2$, -(C_6-C_{20})-aryl, -(C_6-C_{20})-aryl-(C_1-C_{12})-alkyl, -(C_6-C_{20})-aryl-O-(C_1-C_{12})-alkyl, -(C_3-C_{20})-heteroaryl, -(C_3-C_{20})-heteroaryl-(C_1-C_{12})-alkyl, -(C_3-C_{20})-heteroaryl-O-(C_1-C_{12})-alkyl, -COOH, -OH, -SO_3H, -NH_2, halogen.

2. Compound according to Claim 1,
where at least two of the R^1, R^2, R^3, R^4 radicals are a ~~-(C_6-C_{20})-~~heteroaryl radical having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl.

3. Compound according to either of Claims 1 and 2,
where the R^1 and R^3 radicals are each a ~~-(C_6-C_{20})-~~heteroaryl radical having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl.

4. Compound according to any of Claims 1 to 3,

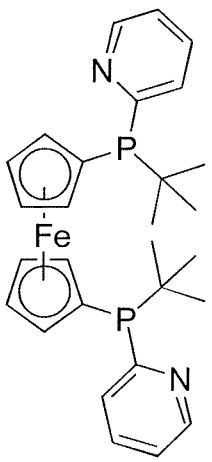
where the R^1 and R^3 radicals are each a ~~-(C_6-C_{20})~~-heteroaryl radical having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl;
R^2 is ~~-(C_6-C_{20})~~-heteroaryl having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl or is selected from -(C_1-C_{12})-alkyl, -(C_3-C_{12})-cycloalkyl, -(C_3-C_{12})-heterocycloalkyl, -(C_6-C_{20})-aryl;
and R^4 is selected from -(C_1-C_{12})-alkyl, -(C_3-C_{12})-cycloalkyl, -(C_3-C_{12})-heterocycloalkyl, -(C_6-C_{20})-aryl.

5. Compound according to any of Claims 1 to 4,
where the R^1 and R^3 radicals are each a ~~-(C_6-C_{20})~~-heteroaryl radical having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl;
and R^2 and R^4 are selected from -(C_1-C_{12})-alkyl, -(C_3-C_{12})-cycloalkyl, -(C_3-C_{12})-heterocycloalkyl, -(C_6-C_{20})-aryl.

6. Compound according to any of Claims 1 to 5,
where the R^1 and R^3 radicals are each a ~~-(C_6-C_{20})~~-heteroaryl radical having at least six ring atoms selected from 2-pyridyl, 2-pyrimidyl, N-phenyl-2-indolyl and 2-indolyl;
and R^2 and R^4 are -(C_1-C_{12})-alkyl.

7. Compound according to any of Claims 1 to 6,
where R^1, R^2, R^3, R^4, if they are a heteroaryl radical, are each independently selected from pyridyl, pyridazinyl, pyrimidyl, pyrazinyl, benzofuranyl, indolyl, isoindolyl, benzimidazolyl, quinolyl, isoquinolyl.

8. Compound according to any of Claims 1 to 7,
of one of the formulae (**8**), (**14**) and (**15**)



(**8**)