

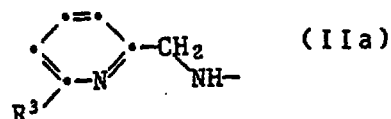
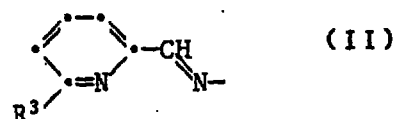
Optically active styrene derivatives. polymers obtained from these, complexes with iridium(I) and their uses

Abstract

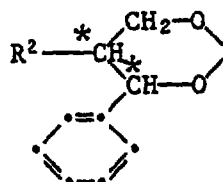
Optically active compounds of the formula I



in which R^1 is C₁-C₄-alkyl, phenyl or benzyl, R^2 is a radical of the formula II or IIa



in which R^3 is H or -CH₃, or R^1 and R^2 together form a radical of the formula



in which R^2 has the meaning given above; and * represents predominantly R or predominantly S configuration.

- The compounds can be polymerized to give homopolymers or copolymers. The compounds and the polymers can be complexed with iridium(I) salts in the presence of a diene. The complexes are suitable as enantioselective catalysts.