

Title (en)

CHIRAL 3,4-DIHYDRO-2H-PYRAN COMPOUNDS

Title (de)

CHIRALE 3,4-DIHYDRO-2H-PYRANVERBINDUNGEN

Title (fr)

COMPOSES 3,4-DIHYDRO-2H-PYRANE CHIRAUX

Publication

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Application

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Abstract (en)

[origin: WO2004002979A2] The invention relates to chiral 3,4-dihydro-2H-pyran compounds, to diastereomers thereof, and to the use of these compounds as chiral dopants for liquid crystal systems. The invention also relates to non-polymerizable or polymerizable liquid crystal compositions, which contain at least one inventive chiral 3,4-dihydro-2H-pyran compound, to the use of these non-polymerizable or polymerizable liquid crystal compositions for producing optical components, to the use of the polymerizable liquid crystal compositions for imprinting or coating substrates, for producing dispersions and emulsions, films or pigments, and to these optical elements, imprinted or coated substrates, dispersions and emulsions, films and pigments.

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