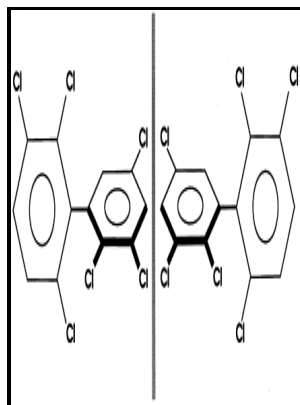


Gas chromatographic enantiomer separation with modified cyclodextrins

Hüthig Buch - The Analytical Separation of Enantiomers by Gas Chromatography on Chiral Stationary Phases



Description: -

- Cyclodextrins.
- Enantiomers -- Separation.
- Gas chromatography. Gas chromatographic enantiomer separation with modified cyclodextrins
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- Chromatographische Methoden.
- Chromatographic methods Gas chromatographic enantiomer separation with modified cyclodextrins
- Notes: Includes bibliographical references (p. 147-157) and index.
- This edition was published in 1992



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Tags: #Derivatized #cyclodextrins #immobilized #on #fused

Modified Cyclodextrins For Chiral Separation Download

It primarily focuses on the state-of-the-art cyclodextrin chemistry which is the basis for all chiral selectors used in these chiral separation techniques. Biochemical Engineering Journal 2008, 40 1, 189-198. Cyclodextrin-Mediated Enantioseparations by Capillary Electrochromatography.

Salient Features of Enantioselective Gas Chromatography: The Enantiomeric Differentiation of Chiral Inhalation Anesthetics as a Representative Methodological Case in Point

Recent progress of chiral stationary phases for separation of enantiomers in gas chromatography.

Gas chromatographic separation of stereoisomers of non

Isolation of the saturated fatty acids of some marine lipids with particular reference to normal odd-numbered fatty acids and branched-chain fatty acids. Comparative studies of the ability of cyclomaltohexaose, -heptaose, and -octaose to form inclusion complexes with isomers of some hydrocarbons under the conditions of gas-liquid chromatography.

Derivatized cyclodextrins immobilized on fused

Comparative evaluation of a one-pot strategy for the preparation of β -cyclodextrin-functionalized monoliths: Effect of the degree of amino substitution of β -cyclodextrin on the column performance. One has to keep in mind that the gas molecules are not only traveling in one direction but also sideways and backwards. Fresenius' Zeitschrift für analytische Chemie 1983, 316 1, 54-55.

The preparation of novel modified cyclodextrins and their application in enantioseparations by gas chromatography.

A sol-gel-glued cyclodextrin-modified silica monolith was prepared by Wistuba and Schurig by packing first the capillary with permethyl- β -cyclodextrin modified silica particles Chira-Dex-silica and subsequently fusing the packing bed by an in situ sol-gel process. *Journal of Microcolumn Separations* 1995, 7 2 , 91-105.

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