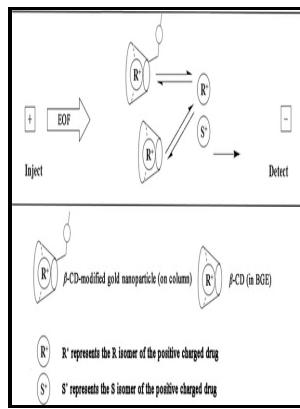


# Gas chromatographic enantiomer separation with modified cyclodextrins

Hüthig Buch - Gas Chromatographic Enantiomer Separation of Atropisomeric PCBs Using Modified Cyclodextrins as Chiral Phases



Description: -

Cyclodextrins.

Enantiomers -- Separation.

Gas chromatography.Gas chromatographic enantiomer separation with modified cyclodextrins

Chromatographische Methoden.

Chromatographic methodsGas 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: #Acylated #Cyclodextrins #as #Polar #Stationary #Phases #for #Gas

## Modified Cyclodextrins For Chiral Separation Download

Electrophoresis 2000, 21 18 , 4112-4135. .

## Modified Cyclodextrins for Chiral Separation

As a result, compound O has a much shorter retention time than compound X. Immobilization of β-Cyclodextrin-Conjugated Lactoferrin onto Polymer Monolith for Enrichment of Ga in Metabolic Residues of Ga-Based Anticancer Drugs.

## The Separation of Enantiomers on Modified Cyclodextrins by Capillary Electrochromatography (CEC)

The following techniques have been used: i open-tubular electrochromatography o-CEC , ii packed electrochromatography p-CEC and iii monolithic electrochromatography rod-CEC.

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

Journal of Chromatography A 1982, 251 1 , 17-34. Siu-Choon Ng, PhD, is a professor at the Division of Chemical and Biomedical Engineering, School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore.

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

Tetrahedron 2002, 58 21 , 4319-4330. Over the years, many descriptions of chiral separation have appeared in academic journals and books, but most of them have been devoted to either the development of analytical methods and protocols or the summary of different chiral selectors, including cyclodextrins for chiral separation applications.

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

The quantitation of enantiomers in a sample by the method of enantiomeric labeling is outlined. El Rassi, Electrophoresis, 21, 3135—3149 2000.

### **On the capillary gas chromatographic separation of enantiomers of N**

The large surface-to-mass ratio permits a fast equilibration to a steady state. As expected, higher efficiencies and enantioresolution factors were found in the p-CEC mode.

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