

Accepted Manuscript

CHROMATOGRAPHY OF OXYSTEROLS

Irundika H.K. Dias, Steven R. Wilson, Hanne Roberg-Larsen

PII: S0300-9084(18)30127-5

DOI: [10.1016/j.biochi.2018.05.004](https://doi.org/10.1016/j.biochi.2018.05.004)

Reference: BIOCHI 5416

To appear in: *Biochimie*

Received Date: 26 February 2018

Accepted Date: 4 May 2018

Please cite this article as: I.H.K. Dias, S.R. Wilson, H. Roberg-Larsen, CHROMATOGRAPHY OF OXYSTEROLS, *Biochimie* (2018), doi: 10.1016/j.biochi.2018.05.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Abstract

Oxysterols play important roles in development and diseases, but can be highly challenging to analyze. To ensure satisfactory measurements, oxysterols must typically be separated with chromatography prior to detection. Here, we will devote attention to the chromatography of oxysterols, focusing on gas chromatography and liquid chromatography. We will present the role of stationary phases, mobile phases, and dimensions and geometries of particles/columns. We discuss how these parameters may affect the chromatography, regarding factors such as speed and resolution. Finally, we present some less explored avenues for separation of oxysterols.

Download English Version:

<https://daneshyari.com/en/article/10156756>

Download Persian Version:

<https://daneshyari.com/article/10156756>

[Daneshyari.com](https://daneshyari.com)