

## Accepted Manuscript

Title: Investigation of the Complexation between Cyclodextrins and Medetomidine Enantiomers by Capillary Electrophoresis, NMR Spectroscopy and Molecular Modeling

Authors: Sulaiman Krait, Antonio Salgado, Bezhan Chankvetadze, Federico Gago, Gerhard K.E. Scriba



PII: S0021-9673(18)30753-2  
DOI: <https://doi.org/10.1016/j.chroma.2018.06.010>  
Reference: CHROMA 359454

To appear in: *Journal of Chromatography A*

Received date: 6-4-2018  
Revised date: 30-5-2018  
Accepted date: 5-6-2018

Please cite this article as: Krait S, Salgado A, Chankvetadze B, Gago F, Scriba GKE, Investigation of the Complexation between Cyclodextrins and Medetomidine Enantiomers by Capillary Electrophoresis, NMR Spectroscopy and Molecular Modeling, *Journal of Chromatography A* (2018), <https://doi.org/10.1016/j.chroma.2018.06.010>

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.

**Investigation of the Complexation between Cyclodextrins and Medetomidine Enantiomers by  
Capillary Electrophoresis, NMR Spectroscopy and Molecular Modeling**

Sulaiman Krait<sup>a,1</sup>, Antonio Salgado<sup>b,1</sup>, Bezhan Chankvetadze<sup>c</sup>, Federico Gago<sup>d</sup>, Gerhard K. E. Scriba<sup>a,\*</sup>

[gerhard.scriba@uni-jena.de](mailto:gerhard.scriba@uni-jena.de)

<sup>a</sup>Friedrich-Schiller-University Jena, Department of Pharmaceutical/Medicinal Chemistry,  
Philosophenweg 14, 07743 Jena, Germany

<sup>b</sup>University of Alcalá, NMR Spectroscopy Centre (CERMN), CAI Químicas, Faculty of Pharmacy,  
28805 Alcalá de Henares, Madrid, Spain

<sup>c</sup>Tbilisi State University, Institute of Physical and Analytical Chemistry, School of Exact and Natural  
Sciences, 0179 Tbilisi, Georgia

<sup>d</sup>University of Alcalá, Department of Biomedical Sciences (Unidad Asociada IQM-CSIC) and Instituto  
de Investigación Química "Andrés M. del Río" (IQAR), 28805 Alcalá de Henares, Madrid, Spain

<sup>1</sup> S. K. and A. S. contributed equally.

**\*Corresponding author:** Friedrich-Schiller-University Jena, Department of Pharmaceutical/Medicinal  
Chemistry, Philosophenweg 14, 07743 Jena, Germany, Tel.+49-3641-949830, Fax.+49-3641-949802

Download English Version:

<https://daneshyari.com/en/article/7607497>

Download Persian Version:

<https://daneshyari.com/article/7607497>

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