Accepted Manuscript

Title: Amino acid and ionic liquid modified polyhedral oligomeric silsesquioxane-based hybrid monolithic column for high-efficiency capillary liquid chromatography

Authors: Manman Han, Wan Li, Rui Chen, Yangyang Han, Xiuhua Liu, Tingting Wang, Huaizhong Guo, Xiaoqiang Qiao

PII: S0021-9673(18)31065-3

DOI: https://doi.org/10.1016/j.chroma.2018.08.045

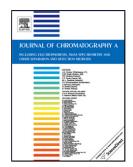
Reference: CHROMA 359641

To appear in: Journal of Chromatography A

Received date: 21-5-2018 Revised date: 16-8-2018 Accepted date: 21-8-2018

Please cite this article as: Han M, Li W, Chen R, Han Y, Liu X, Wang T, Guo H, Qiao X, Amino acid and ionic liquid modified polyhedral oligomeric silsesquioxane-based hybrid monolithic column for high-efficiency capillary liquid chromatography, *Journal of Chromatography A* (2018), https://doi.org/10.1016/j.chroma.2018.08.045

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.



Amino acid and ionic liquid modified polyhedral oligomeric

silsesquioxane-based hybrid monolithic column for high-efficiency

capillary liquid chromatography

Manman Han a, Wan Li a, Rui Chen a, Yangyang Han a, Xiuhua Liu b, Tingting Wang

c, Huaizhong Guo a, Xiaoqiang Qiao a,*

^aCollege of Pharmaceutical Sciences, Key Laboratory of Analytical Science and

Technology of Hebei Province, Key Laboratory of Medicinal Chemistry and

Molecular Diagnosis, Ministry of Education, Hebei University, Baoding 071002,

China

^bCollege of Life Sciences, Hebei University, Baoding 071002, China

^cSchool of Materials and Chemical Engineering, Ningbo University of Technology,

Ningbo 315211, China

Corresponding author:

*Professor Dr. Xiaoqiang Qiao, College of Pharmaceutical Sciences, Key Laboratory

of Analytical Science and Technology of Hebei Province, Key Laboratory of

Medicinal Chemistry and Molecular Diagnosis, Ministry of Education, Hebei

University, Baoding 071002, China

Tel.: +86-312-5971107

Fax: +86-312-5971107

E-mail: xiaoqiao@hbu.edu.cn; hbuqiao@163.com

1

Download English Version:

https://daneshyari.com/en/article/10154436

Download Persian Version:

https://daneshyari.com/article/10154436

<u>Daneshyari.com</u>