

Author's Accepted Manuscript

Development of alanine aminotransferase reactor based on polymer@Fe₃O₄ nanoparticles for enzyme inhibitors screening by chiral ligand exchange capillary electrophoresis

Wenya Feng, Juan Qiao, Junfang Jiang, Bingbing Sun, Zhiwei Li, Li Qi



www.elsevier.com/locate/talanta

PII: S0039-9140(18)30138-3
DOI: <https://doi.org/10.1016/j.talanta.2018.02.029>
Reference: TAL18348

To appear in: *Talanta*

Received date: 17 November 2017
Revised date: 5 February 2018
Accepted date: 7 February 2018

Cite this article as: Wenya Feng, Juan Qiao, Junfang Jiang, Bingbing Sun, Zhiwei Li and Li Qi, Development of alanine aminotransferase reactor based on polymer@Fe₃O₄ nanoparticles for enzyme inhibitors screening by chiral ligand exchange capillary electrophoresis, *Talanta*, <https://doi.org/10.1016/j.talanta.2018.02.029>

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 galley proof before it is published in its final citable 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.

**Development of alanine aminotransferase reactor based on
polymer@Fe₃O₄ nanoparticles for enzyme inhibitors screening by
chiral ligand exchange capillary electrophoresis**

Wenya Feng^{a,c}, Juan Qiao^{a,b*}, Junfang Jiang^{a,b}, Bingbing Sun^{a,d}, Zhiwei Li^c, Li Qi^{a,b*}

^a Beijing National Laboratory of Molecular Sciences, Key Laboratory of Analytical Chemistry for Living Biosystems, Institute of Chemistry, Chinese Academy of Sciences, No. 2 Zhongguancun Beiyijie, Beijing 100190, China

^b University of Chinese Academy of Sciences, No. 19A Yuquanlu, Beijing 100049, China

^c Hebei University of Science and Technology, No. 26 Yuxiang road, Shijiazhuang 050018, China

^d Shandong Agricultural University, Tai'an 271018, China

***Correspondence author:**

Juan Qiao E-mail: qiaojuan@iccas.ac.cn

Li Qi E-mail: qili@iccas.ac.cn

Download English Version:

<https://daneshyari.com/en/article/7677130>

Download Persian Version:

<https://daneshyari.com/article/7677130>

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