

Accepted Manuscript

Title: Efficient enantioseparation of phenylsuccinic acid enantiomers by aqueous two-phase system-based biphasic recognition chiral extraction: Phase behaviors and distribution experiments

Author: Xiaoqing Chen Jun Wang Feipeng Jiao

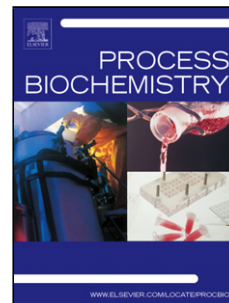
PII: S1359-5113(15)00288-3
DOI: <http://dx.doi.org/doi:10.1016/j.procbio.2015.05.014>
Reference: PRBI 10429

To appear in: *Process Biochemistry*

Received date: 12-2-2015
Revised date: 23-4-2015
Accepted date: 20-5-2015

Please cite this article as: Chen X, Wang J, Jiao F, Efficient enantioseparation of phenylsuccinic acid enantiomers by aqueous two-phase system-based biphasic recognition chiral extraction: phase behaviors and distribution experiments, *Process Biochemistry* (2015), <http://dx.doi.org/10.1016/j.procbio.2015.05.014>

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.



1 **Efficient enantioseparation of phenylsuccinic acid enantiomers by aqueous**
2 **two-phase system-based biphasic recognition chiral extraction: phase behaviors**
3 **and distribution experiments**

4 Xiaoqing Chen^{a,b}, Jun Wang^a, Feipeng Jiao^{a*}

5 ^aSchool of Chemistry and Chemical Engineering, Central South University,

6 Changsha 410083, Hunan, China

7 ^bCollaborative Innovation Center of Resource-conserving & Environment-friendly

8 Society and Ecological Civilization, Changsha 410083, China

9

10

11

12

13

14

15

16

17

18

19

20 Address correspondence to Feipeng Jiao, Tel.: +86-731-88836130, Fax:

21 +86-731-88876001, E-mail: jiaofp@163.com (F. P. Jiao)

Download English Version:

<https://daneshyari.com/en/article/10235245>

Download Persian Version:

<https://daneshyari.com/article/10235245>

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