

Accepted Manuscript

Title: Extraction and isolation of potential anti-stroke compounds from flowers of *Pueraria lobata* guided by *in vitro* PC12 cell model

Author: Sainan Li Senlin Li Chengyu Liu Chunming Liu
Yuchi Zhang



PII: S1570-0232(17)30013-2
DOI: <http://dx.doi.org/doi:10.1016/j.jchromb.2017.02.009>
Reference: CHROMB 20471

To appear in: *Journal of Chromatography B*

Received date: 4-1-2017
Revised date: 5-2-2017
Accepted date: 9-2-2017

Please cite this article as: S. Li, S. Li, C. Liu, C. Liu, Y. Zhang, Extraction and isolation of potential anti-stroke compounds from flowers of *Pueraria lobata* guided by *in vitro* PC12 cell model, *Journal of Chromatography B* (2017), <http://dx.doi.org/10.1016/j.jchromb.2017.02.009>

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.

Highlights

1. UFLC-MS is an effective method for screening LDH inhibitors from *Pueraria lobata* flowers.
2. Seven potential anti-stroke isoflavones were identified and isolated using a P12 cell model.
3. Continuous MAE-CCC was developed for scaled up production of pure LDH inhibitors.
4. The MAE-CCC method was established using a multi-exponential function model.

Download English Version:

<https://daneshyari.com/en/article/5136493>

Download Persian Version:

<https://daneshyari.com/article/5136493>

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