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13 Feb 2017 ... High performance liquid chromatography (**HPLC**) **with** diode array ... of Flight tandem **mass** spectrometry detector (**ESI-Q-ToF**) were chosen ... An **important** role was played by the availability of reagents that which are fundamental in clarifying the synthetic **pathways** used to produce and modify colorants.

[Abstract: Drug Metabolism Reviews: Vol 48, No sup1](http://www.tandfonline.com/doi/full/10.1080/03602532.2016.1191843?src...)

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15 Jul 2016 ... **Liver** microsomal stability is a widely-used ADME **profiling** assay to assess ... Samples were analyzed **using** Q Exactive benchtop LC-MS/MS system **with** a ... of a fluoroquinolone antimicrobial drug in bovine milk **using** **HPLC** **with** of low- turnover drugs, drugs **with** diverse **metabolic pathways** and a range ...

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18 Sep 2014 ... Clinical **relevance** of bile acid metabolism and transport. Chair **MS** **metabolic profiling** of placentas **Hepatic stellate cells** are the main source of myofibroblasts in a **Taurine**-conjugated bile acids protect expanding hematopoietic stem/ **HSCs** in the area of HCC arising in patients **with** non- alcoholic ...

[metabolite profiling growth: Topics by WorldWideScience.org](http://www.worldwidescience.org)

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 33840

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Basic Study

Metabolomic profiling and relevant pathway of taurine in hepatic stellate cells

Xin Deng, Xing-Qiu Liang, Fei-Guo Lu, Xiao-Fang Zhao, Lei Fu, Jian Liang

Abstract

AIM

To develop a reliable and simple method to find important biological metabolites and relevant pathway for taurine in hepatic stellate cells (HSCs), in order to provide more data for taurine therapy.

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