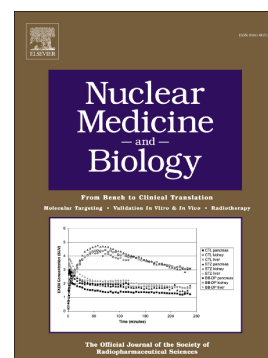


Accepted Manuscript

Preclinical study of an ^{18}F -labeled glutamine derivative for Cancer imaging

Cong Li, Hui Liu, Dongban Duan, Zhenhan Zhou, Zhibo Liu



PII: S0969-8051(18)30130-6
DOI: [doi:10.1016/j.nucmedbio.2018.06.007](https://doi.org/10.1016/j.nucmedbio.2018.06.007)
Reference: NMB 8025

To appear in: *Nuclear Medicine and Biology*

Received date: 19 April 2018
Revised date: 8 June 2018
Accepted date: 22 June 2018

Please cite this article as: Cong Li, Hui Liu, Dongban Duan, Zhenhan Zhou, Zhibo Liu , Preclinical study of an ^{18}F -labeled glutamine derivative for Cancer imaging. Nmb (2018), doi:[10.1016/j.nucmedbio.2018.06.007](https://doi.org/10.1016/j.nucmedbio.2018.06.007)

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.

Preclinical Study of An ^{18}F -Labeled Glutamine Derivative for Cancer Imaging

Cong Li†, Hui Liu‡, Dongban Duan‡, Zhenhan Zhou‡, Zhibo Liu†‡*

†Peking University-Tsinghua University Center for Life Sciences, Beijing, 100871, China

‡Radiochemistry and Radiation Chemistry Key Laboratory of Fundamental Science, Beijing National Laboratory for Molecular Sciences, College of Chemistry and Molecular Engineering, Peking University, Beijing, 100871, China

Abbreviated title: ^{18}F -labeled Boron-derived Glutamine

*Corresponding author:

Zhibo Liu, Ph.D.

College of Chemistry and Molecular Engineering, Peking University
Peking University-Tsinghua University Center for Life Sciences
Beijing, 100871, China

Phone: (10) 627-59191

Fax: (10) 627-59191

E-mail: zbliu@pku.edu.cn

Keywords: glutamine; boramino acid; $^4\text{T1}$ cancer imaging; isotope exchange
radiolabeling

Download English Version:

<https://daneshyari.com/en/article/8457560>

Download Persian Version:

<https://daneshyari.com/article/8457560>

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