

Accepted Manuscript

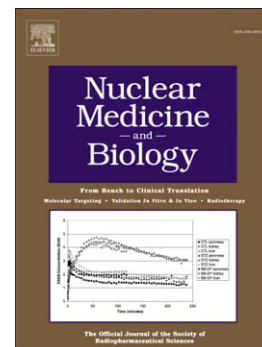
Synthesis and preliminary evaluation of an ^{18}F -labeled oleic acid analog for PET imaging of fatty acid uptake and metabolism

Zhengxin Cai, N. Scott Mason, Carolyn J. Anderson, W. Barry Edwards

PII: S0969-8051(15)00149-3
DOI: doi: [10.1016/j.nucmedbio.2015.08.005](https://doi.org/10.1016/j.nucmedbio.2015.08.005)
Reference: NMB 7762

To appear in: *Nuclear Medicine and Biology*

Received date: 14 May 2015
Revised date: 24 August 2015
Accepted date: 28 August 2015



Please cite this article as: Cai Zhengxin, Mason N. Scott, Anderson Carolyn J., Edwards W. Barry, Synthesis and preliminary evaluation of an ^{18}F -labeled oleic acid analog for PET imaging of fatty acid uptake and metabolism, *Nuclear Medicine and Biology* (2015), doi: [10.1016/j.nucmedbio.2015.08.005](https://doi.org/10.1016/j.nucmedbio.2015.08.005)

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.

Synthesis and preliminary evaluation of an ^{18}F -labeled oleic acid analog for PET imaging of fatty acid uptake and metabolism

Zhengxin Cai¹, N. Scott Mason¹, Carolyn J. Anderson^{1,2,3}, and W. Barry Edwards^{1*}

¹Department of Radiology

²Department of Pharmacology and Chemical Biology

³Department of Bioengineering, University of Pittsburgh, Pittsburgh, PA 15219, USA

Conflict of Interest

No conflicts of interest were reported regarding to this article.

* W. Barry Edwards, PhD
Department of Radiology
Molecular Imaging Laboratory
University of Pittsburgh
100 Technology Drive, Bridgeside Point 1, Suite 452
Pittsburgh, PA 15219, USA
Email: edwardsw@upmc.edu
Phone: 412-624-6873

Running title: Synthesis and preliminary evaluation of ^{18}F -labeled clicked oleic acid analog

Key words: ^{18}F , oleic acid, fatty acid, PET, metabolism

Download English Version:

<https://daneshyari.com/en/article/10915856>

Download Persian Version:

<https://daneshyari.com/article/10915856>

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