

## Accepted Manuscript

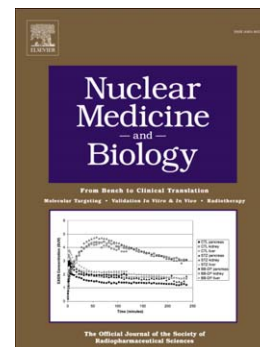
Development of [ $^{64}\text{Cu}$ ]-DOTA-PR81 radioimmunoconjugate for MUC-1 positive PET imaging

Behrouz Alirezapour, Mohammad Javad Rasaei, Amir Reza Jalilian, Saeed Rajabifar, Javad Mohammadnejad, Malihe Paknejad, Ehsan Maadi, Sedigheh Moradkhani

PII: S0969-8051(15)00134-1  
DOI: doi: [10.1016/j.nucmedbio.2015.07.012](https://doi.org/10.1016/j.nucmedbio.2015.07.012)  
Reference: NMB 7755

To appear in: *Nuclear Medicine and Biology*

Received date: 3 May 2015  
Revised date: 29 June 2015  
Accepted date: 29 July 2015



Please cite this article as: Alirezapour Behrouz, Rasaei Mohammad Javad, Jalilian Amir Reza, Rajabifar Saeed, Mohammadnejad Javad, Paknejad Malihe, Maadi Ehsan, Moradkhani Sedigheh, Development of [ $^{64}\text{Cu}$ ]-DOTA-PR81 radioimmunoconjugate for MUC-1 positive PET imaging, *Nuclear Medicine and Biology* (2015), doi: [10.1016/j.nucmedbio.2015.07.012](https://doi.org/10.1016/j.nucmedbio.2015.07.012)

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.

**Development of [<sup>64</sup>Cu]-DOTA-PR81 radioimmunoconjugate for MUC-1 positive  
PET imaging**

*Abbreviated title: [<sup>64</sup>Cu]-DOTA-PR81 for MUC-1 imaging*

Behrouz Alirezapour<sup>1</sup>, Mohammad Javad Rasaei<sup>2</sup>, Amir Reza Jalilian<sup>1\*</sup>, Saeed Rajabifar<sup>1</sup>,  
Javad Mohammadnejad<sup>3</sup>, Malihe Paknejad<sup>4</sup>, Ehsan Maadi<sup>1</sup>, Sedigheh Moradkhani<sup>1</sup>

<sup>1</sup>*Radiation Application Research School, Nuclear Science and Technology Research Institute  
(NSTRI), 11365-3486, Tehran, Iran*

<sup>2</sup>*Department of Clinical Biochemistry, School of Medical Sciences, Tarbiat Modares University  
(TMU), Tehran, Iran.*

<sup>3</sup>*Department of Life Science Engineering, Faculty of New Sciences & Technologies, University  
of Tehran, Tehran, Iran.*

<sup>4</sup>*Department of Biochemistry, School of Medicine, Tehran University of Medical Sciences,  
Tehran, Iran.*

**The author to whom correspondence should be sent:**

Amir Reza Jalilian, Radiation Application Research School, Nuclear Science and Technology  
Research Institute (NSTRI), 11365-3486, Tehran, Iran, Tel. +98-21-88221103, Fax. +98-21-  
88221105, Email. [ajalili@aeoi.org.ir](mailto:ajalili@aeoi.org.ir)

**Key words:** Copper-64, PR81, MUC1, Biodistribution, Breast carcinoma, Imaging

Download English Version:

<https://daneshyari.com/en/article/10915851>

Download Persian Version:

<https://daneshyari.com/article/10915851>

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