

Accepted Manuscript

Miniaturization of thiol-organosilica nanoparticles induced by an anionic surfactant

Tomohiro Doura, Fuyuhiko Tamanoi, Michihiro Nakamura

PII: S0021-9797(18)30484-3
DOI: <https://doi.org/10.1016/j.jcis.2018.04.090>
Reference: YJCIS 23555

To appear in: *Journal of Colloid and Interface Science*

Received Date: 25 January 2018
Revised Date: 21 April 2018
Accepted Date: 23 April 2018

Please cite this article as: T. Doura, F. Tamanoi, M. Nakamura, Miniaturization of thiol-organosilica nanoparticles induced by an anionic surfactant, *Journal of Colloid and Interface Science* (2018), doi: <https://doi.org/10.1016/j.jcis.2018.04.090>

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.



Miniaturization of thiol-organosilica nanoparticles induced by an anionic surfactant

*Tomohiro Doura^a, Fuyuhiko Tamanoi^b, Michihiro Nakamura^{*a}*

^aDepartment of Organ Anatomy and Nanomedicine, Yamaguchi University Graduate School of Medicine, 1-1-1 Minami-Kogushi, Ube, Yamaguchi 755-8505, Japan.

^bDepartment of Microbiology, Immunology, and Molecular Genetics, University of California, Los Angeles, California 90095, United States.

Corresponding Author

*E-mail: nakam@yamaguchi-u.ac.jp (M.N.).

Tel: +81-836-22-2201, Fax: +81-836-22-2203.

ABSTRACT. Thiol-organosilica nanoparticles are a promising nanomaterial for biomedical applications. The enhanced permeability and retention (EPR) effect is useful for tumor targeting within the biomedical applications of nanomaterials, and nanomaterials with a size of less than

Download English Version:

<https://daneshyari.com/en/article/6990250>

Download Persian Version:

<https://daneshyari.com/article/6990250>

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