

Accepted Manuscript

Surface phosphorylation of nanoparticles by hexokinase: A powerful tool for cellular uptake improvement

Imran Nazir, Christina Leichner, Bao Le-Vinh, Andreas Bernkop-Schnürch

PII: S0021-9797(18)30100-0
DOI: <https://doi.org/10.1016/j.jcis.2018.01.082>
Reference: YJCIS 23240

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

Received Date: 20 November 2017
Revised Date: 22 January 2018
Accepted Date: 23 January 2018

Please cite this article as: I. Nazir, C. Leichner, B. Le-Vinh, A. Bernkop-Schnürch, Surface phosphorylation of nanoparticles by hexokinase: A powerful tool for cellular uptake improvement, *Journal of Colloid and Interface Science* (2018), doi: <https://doi.org/10.1016/j.jcis.2018.01.082>

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.



Surface phosphorylation of nanoparticles by hexokinase: A powerful tool for cellular uptake improvement

Imran Nazir^{1,2}, Christina Leichner¹, Bao Le-Vinh¹, Andreas Bernkop-Schnürch^{1*}

¹Center for Chemistry and Biomedicine, Department of Pharmaceutical Technology, Institute of Pharmacy, University of Innsbruck, Innrain 80/82, A-6020 Innsbruck, Austria

²Department of Pharmacy, COMSATS Institute of Information Technology, 22010 Abbottabad, Pakistan

Corresponding author: Center for Chemistry and Biomedicine, Department of Pharmaceutical Technology, Institute of Pharmacy, University of Innsbruck, Innrain 80/82, A 6020 Innsbruck, Austria.

E-mail address: andreas.bernkop@uibk.ac.at (A. Bernkop-Schnürch)

Tel.: +43 512 507 58601; Fax: +43 512 507 58699

Download English Version:

<https://daneshyari.com/en/article/6992269>

Download Persian Version:

<https://daneshyari.com/article/6992269>

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