

Accepted Manuscript

New A₃B porphyrins as potential candidates for theranostic. Synthesis and photochemical behaviour

R. Boscencu, R.P. Socoteanu, G. Manda, N. Radulea, M. Anastasescu, A. Gama, I. Ferreira Machado, L.F. Vieira Ferreira

PII: S0143-7208(18)31037-4

DOI: [10.1016/j.dyepig.2018.08.028](https://doi.org/10.1016/j.dyepig.2018.08.028)

Reference: DYPI 6942

To appear in: *Dyes and Pigments*

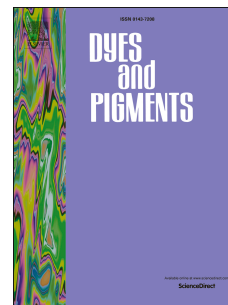
Received Date: 7 May 2018

Revised Date: 24 July 2018

Accepted Date: 19 August 2018

Please cite this article as: Boscencu R, Socoteanu RP, Manda G, Radulea N, Anastasescu M, Gama A, Machado IF, Ferreira LFV, New A₃B porphyrins as potential candidates for theranostic. Synthesis and photochemical behaviour, *Dyes and Pigments* (2018), doi: 10.1016/j.dyepig.2018.08.028.

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.



New A₃B porphyrins as potential candidates for theranostic. Synthesis and photochemical behaviour

R. Boscencu¹, R. P. Socoteanu^{2*}, G. Manda³, N. Radulea¹, M. Anastasescu², A. Gama⁴, I. Ferreira Machado^{4,5}, L.F. Vieira Ferreira^{4*}

¹Faculty of Pharmacy, “Carol Davila” University of Medicine and Pharmacy, 6 Traian Vuia St., 020956 Bucharest, Romania

²“Ilie Murgulescu” Institute of Physical Chemistry, Romanian Academy, 202 Splaiul Independentei, 060021 Bucharest, Romania

³“Victor Babeş” National Institute of Pathology, 99-101 Splaiul Independentei, 050096 Bucharest, Romania

⁴CQFM-Centro de Química-Física Molecular and IN-Institute for Nanosciences and Nanotechnologies and IBB-Institute for Bioengineering and Biosciences, Instituto Superior Técnico, Universidade de Lisboa, 1049-001 Lisboa, Portugal

⁵Polytechnic Institute of Portalegre, P-7300-110 Portalegre, Portugal

*Corresponding author: psradu@yahoo.com, luisfilipevf@tecnico.ulisboa.pt

E-mail addresses: rboscencu@yahoo.com (R. Boscencu), psradu@yahoo.com (R. Socoteanu), gina.manda@gmail.com (G. Manda), natalia_radou@yahoo.com (N. Radulea), manastasescu_ro@yahoo.com (Mihai Anastasescu), ana.gama@tecnico.ulisboa.pt (Ana Gama), ilferreiramachado@tecnico.ulisboa.pt (I. Ferreira Machado), luisfilipevf@tecnico.ulisboa.pt (L. F. Vieira Ferreira).

Keywords: tetrapyrrolic compounds, green chemistry, singlet oxygen, porphyrin aggregation, AFM.

Download English Version:

<https://daneshyari.com/en/article/11000443>

Download Persian Version:

<https://daneshyari.com/article/11000443>

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