

## Accepted Manuscript

Benzimidazole acrylonitriles as multifunctional push-pull chromophores: Spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions

Ema Horak, Robert Vianello, Marijana Hranjec, Svjetlana Krištafor, Grace Karminski Zamola, Ivana Murković Steinberg



PII: S1386-1425(17)30099-9

DOI: doi: [10.1016/j.saa.2017.02.011](https://doi.org/10.1016/j.saa.2017.02.011)

Reference: SAA 14933

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received date: 28 October 2016

Revised date: 31 January 2017

Accepted date: 4 February 2017

Please cite this article as: Ema Horak, Robert Vianello, Marijana Hranjec, Svjetlana Krištafor, Grace Karminski Zamola, Ivana Murković Steinberg, Benzimidazole acrylonitriles as multifunctional push-pull chromophores: Spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Saa(2017), doi: [10.1016/j.saa.2017.02.011](https://doi.org/10.1016/j.saa.2017.02.011)

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.

**Benzimidazole acrylonitriles as multifunctional push-pull  
chromophores: spectral characterisation, protonation  
equilibria and nanoaggregation in aqueous solutions**

Ema Horak<sup>a</sup>, Robert Vianello<sup>b</sup>, Marijana Hranjec<sup>c</sup>, Svjetlana Krištafor<sup>a</sup>, Grace Karminski  
Zamola<sup>c</sup> and Ivana Murković Steinberg<sup>a\*</sup>

*<sup>a</sup>Department of General and Inorganic Chemistry, Faculty of Chemical Engineering and Technology,  
University of Zagreb, Marulićev trg 19, HR 10000 Zagreb, Croatia*

*<sup>b</sup>Computational Organic Chemistry and Biochemistry Group, Ruđer Bošković Institute, Bijenička  
cesta 54, HR 10000 Zagreb, Croatia*

*<sup>c</sup>Department of Organic Chemistry, Faculty of Chemical Engineering and Technology  
University of Zagreb, Marulićev trg 20, HR 10000 Zagreb, Croatia*

\*Corresponding author:

Ivana Murković Steinberg, Department of General and Inorganic Chemistry, Faculty of Chemical  
Engineering and Technology, University of Zagreb, Marulićev trg 19, HR-10000 Zagreb, Croatia,  
Phone No. ++38514597287; e-mail: [ivana.murkovic@fkit.hr](mailto:ivana.murkovic@fkit.hr)

Download English Version:

<https://daneshyari.com/en/article/5140037>

Download Persian Version:

<https://daneshyari.com/article/5140037>

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