

## Supplementary Material

### Synthesis and biological evaluation of benzimidazolyl substituted aloe-emodin derivatives

Yennys Hernández-Molina<sup>a,b</sup>, Guido Verniest<sup>b,\*</sup>, Magaly Casals-Hung<sup>a</sup>, Jorge Acevedo-Martínez,<sup>a</sup>  
and Paul Cos<sup>c</sup>

<sup>a</sup> Department of Chemistry, Faculty of Natural and Exact Sciences, Universidad de Oriente, Patricio Lumumba SN, Santiago de Cuba, 90500, Cuba

<sup>b</sup> Research Group of Organic Chemistry, Department of Chemistry and Department of Bio-Engineering Sciences, Faculty of Science and Bio-Engineering Sciences, Vrije Universiteit Brussel (VUB), Pleinlaan 2, B-1050 Brussels, Belgium

<sup>c</sup> University of Antwerp, Laboratory of Microbiology, Parasitology and Hygiene, Faculty of Pharmaceutical, Biomedical and Veterinary Sciences, Universiteitsplein 1, B-2610 Antwerp, Belgium  
Email: [gvernies@vub.ac.be](mailto:gvernies@vub.ac.be)

#### Table of contents

1. Copy of 1H spectrum of compound **8a**
2. Copy of 13C spectrum of compound **8a**
3. Copy of 1H spectrum of compound **8b**
4. Copy of 13C spectrum of compound **8b**
5. Copy of 1H spectrum of compound **8c**
6. Copy of 13C spectrum of compound **8c**
7. Copy of 1H spectrum of compound **8d**
8. Copy of 13C spectrum of compound **8d**
9. Copy of 1H spectrum of compound **8e**
10. Copy of 13C spectrum of compound **8e**
11. Copy of 1H spectrum of compound **8f**
12. Copy of 13C spectrum of compound **8f**
13. Copy of 1H spectrum of compound **8g**
14. Copy of 13C spectrum of compound **8g**





























