

Supporting Information

Article

Enhanced Photodynamic Efficacy Using 1,8-Naphthalimides: Potential Application in Antibacterial Photodynamic Therapy

Desislava Staneva ¹, Awad I. Said ^{2,3}, Evgenia Vasileva-Tonkova ⁴ and Ivo Grabchev ^{3,*}

¹ Department of Textile, Leather and Fuels, University of Chemical Technology and Metallurgy, 1756 Sofia, Bulgaria

² Chemistry Department, Faculty of Science, Assiut University, Assiut 71516, Egypt

³ Department of Chemistry and biochemistry, physiology and pathophysiology, Faculty of Medicine, Sofia University "St. Kliment Ohridski", 1407 Sofia, Bulgaria

⁴ The Stephan Angeloff Institute of Microbiology, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria

* Correspondence: i.grabchev@chem.uni-sofia.bg

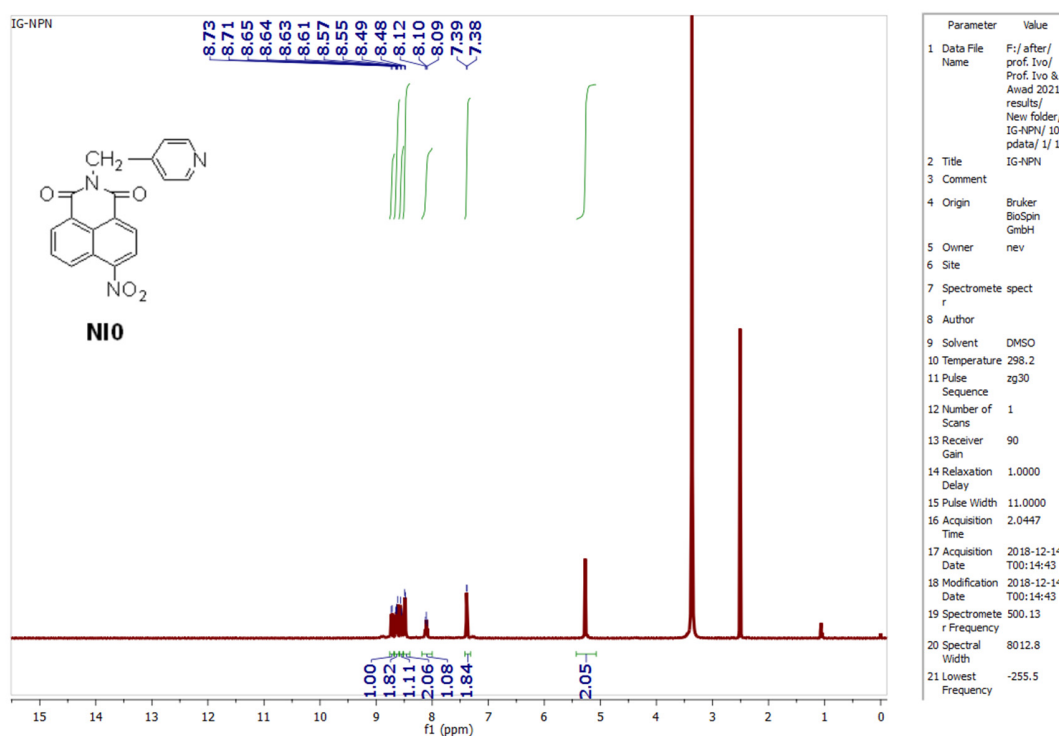


Figure S1. ¹H-NMR spectrum of N10.

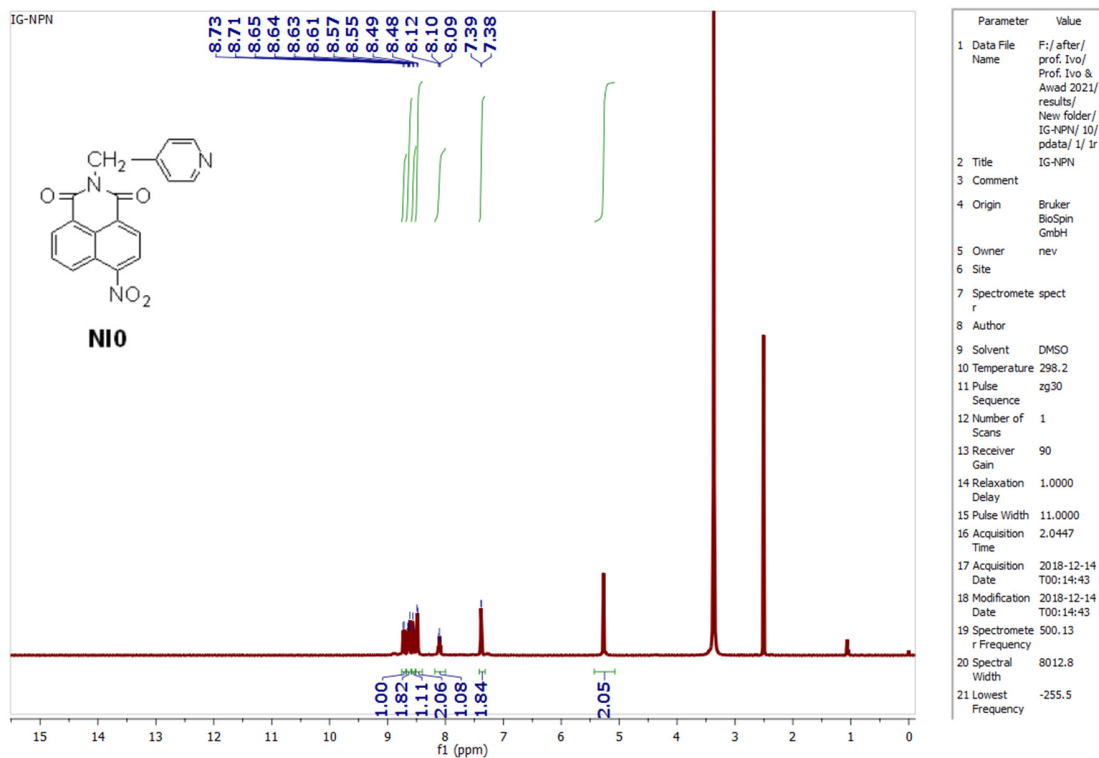


Figure S2. ^{13}C -NMR spectrum of N10.

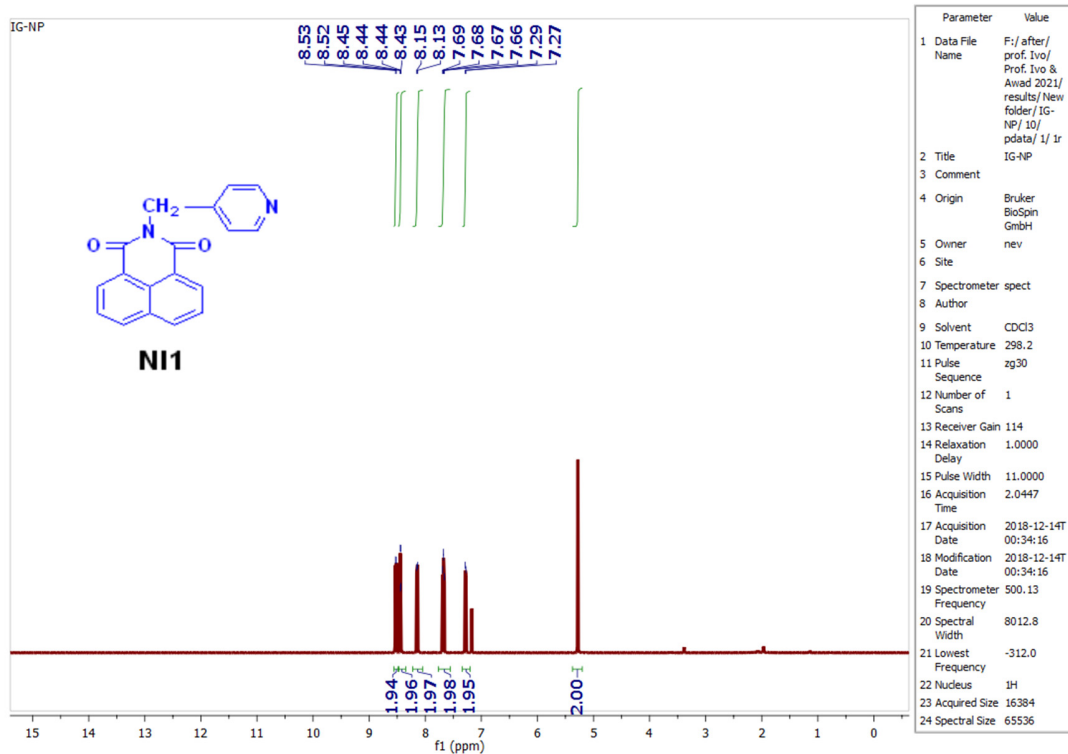


Figure S3. ^1H -NMR spectrum of N11.

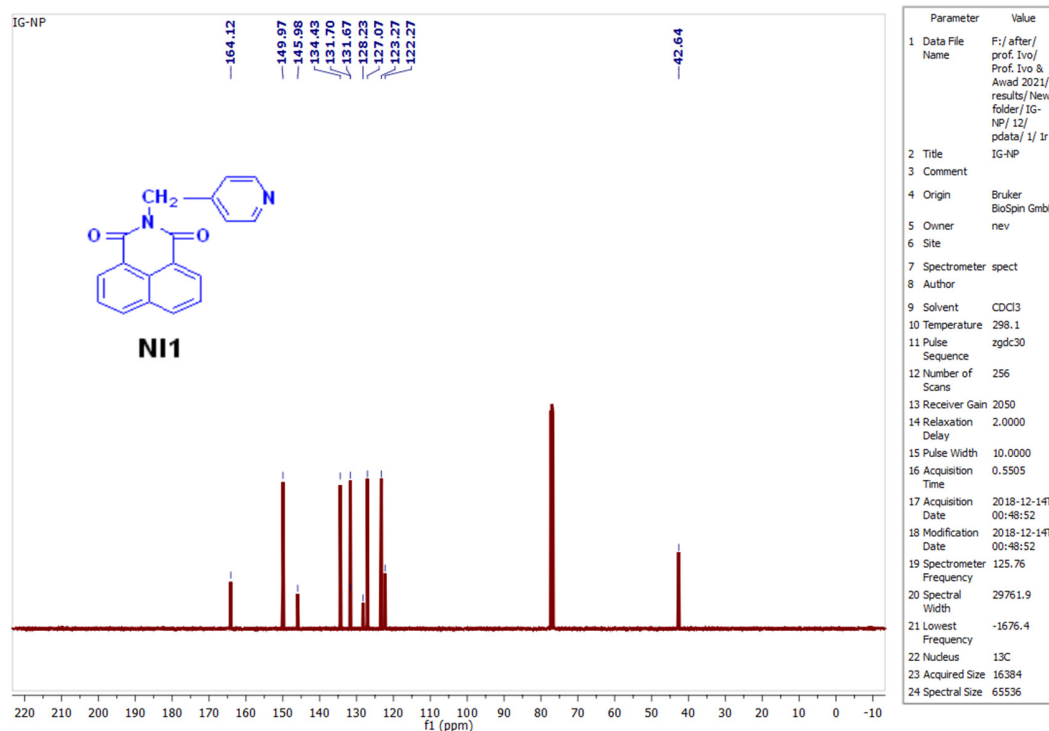


Figure S4. ¹³C-NMR spectrum of NI1.

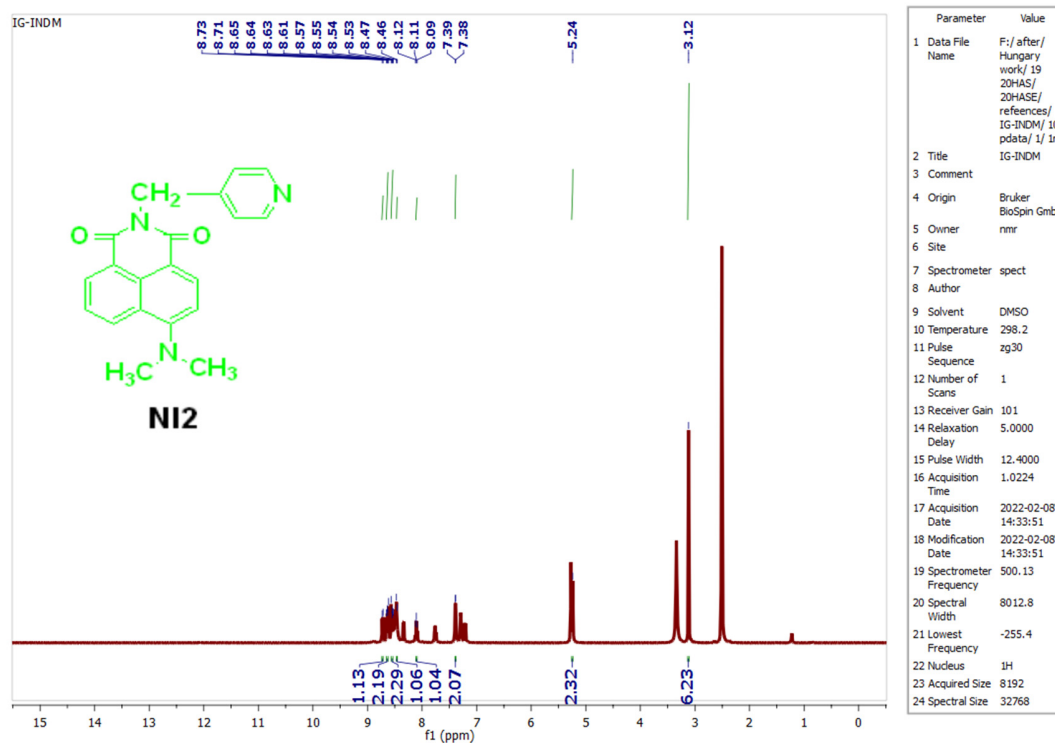


Figure S5. ¹H-NMR spectrum of NI2.

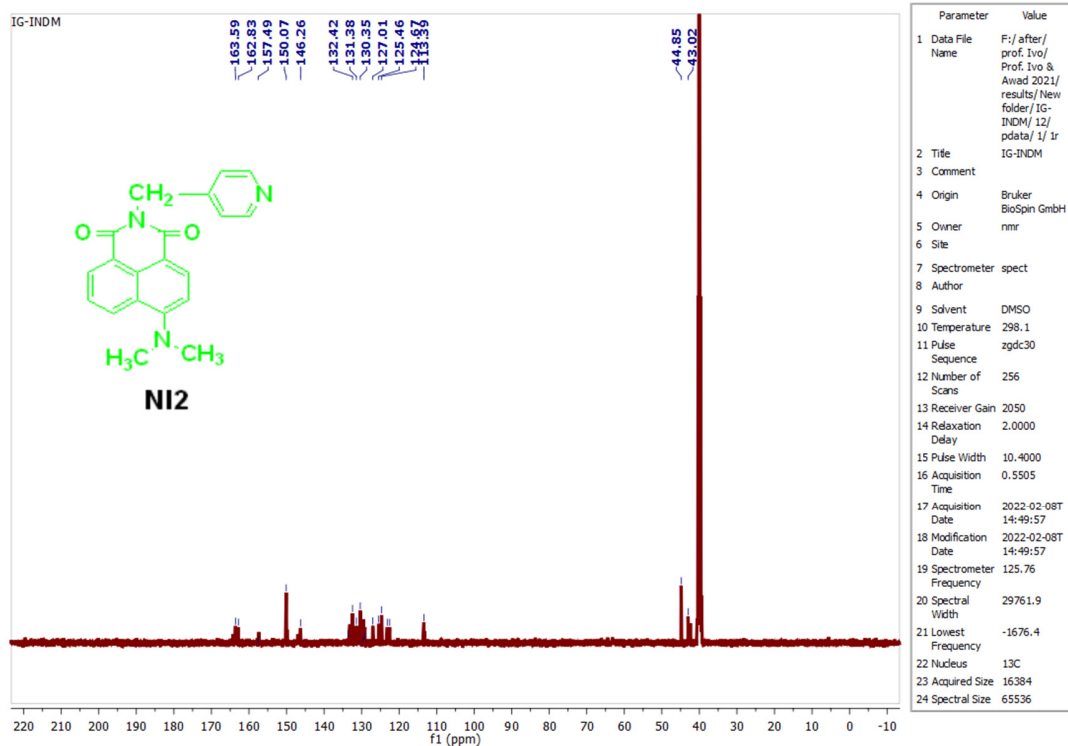


Figure S6. ^{13}C -NMR spectrum of NI2.

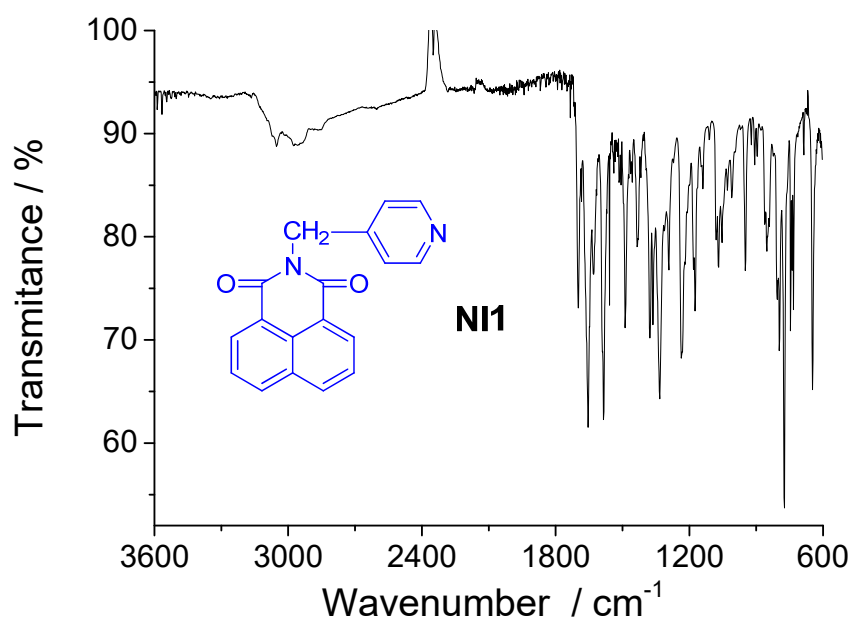


Figure S7. FTIR spectrum of **NI1**.

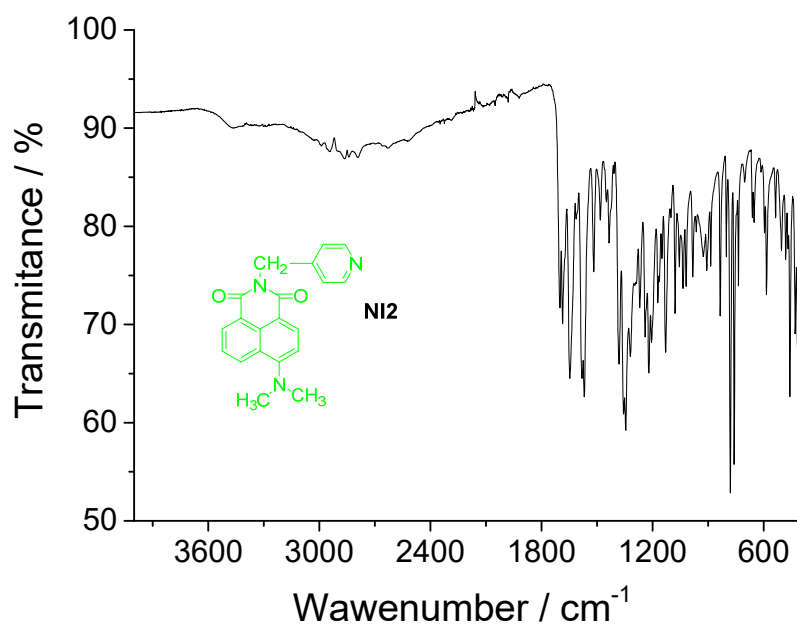


Figure S8. FTIR spectrum of **NI2**.