



Supplementary Material

1,4-Naphthoquinone Analogues: Potent Antibacterial Agents and Mode of Action Evaluation

Palanisamy Ravichandiran ¹, Sunirmal Sheet ², Dhanraj Premnath ³, Ae Rhan Kim ^{4,*} and Dong Jin Yoo ^{1,*}

- Department of Life Science, Department of Energy Storage/Conversion Engineering of Graduate School, and Hydrogen and Fuel Cell Research Center, Chonbuk National University, Jeollabuk-do 54896, Republic of Korea; ravichandru55@gmail.com
- ² Department of Forest Science and Technology, College of Agriculture and Life Sciences, Chonbuk National University, 567 Baekje-daero, Deokjin-gu, Jeonju-si 561-756, Jeollabuk-do, Republic of Korea; sunirmal.micro@gmail.com
- Department of Biotechnology, Karunya Institute of Technology and Science, School of Agriculture and Biosciences, Karunya Nagar, Coimbatore-641114, Tamil Nadu, India; prems.bioinfo@gmail.com
- ⁴ R&D Center for CANUTECH, Business Incubation Center, Department of Bioenvironmental Chemistry, Chonbuk National University, Jeollabuk-do 54896, Republic of Korea
- * Correspondence: djyoo@jbnu.ac.kr (D.J.Y.); canutech@hanmail.net (A.R.K.); Tel.: +82-(0)63-270-3608/+82-(0)10-2110-2328 Fax: +82-(0)63-270-3909 (D. J. Y.)

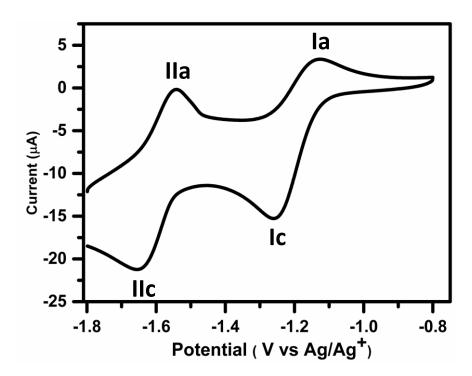


Figure 1. Cyclic voltammetry (CV) of 5f (1 mM) in CH₃CN + Bu₄NBF₄ (0.1 M) on glassy carbon electrode (GCE) with cathodic direction, potential range: -0.8 V up to -2.0 V, $v = 0.1 \text{ V s}^{-1}$.

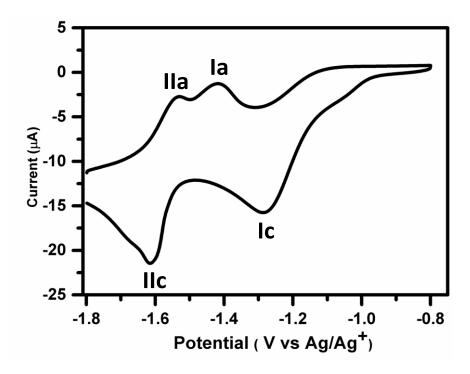


Figure S2. Cyclic voltammetry (CV) of 5x (1 mM) in CH₃CN + Bu₄NBF₄ (0.1 M) on glassy carbon electrode (GCE) with cathodic direction, potential range: -0.8 V up to -2.0 V, $v = 0.1 \text{ V s}^{-1}$.