Electronic Supplementary Information

A Novel and Efficient Synthesis of Diverse Dihydronaphtho[1,2-b]furans Using the Ceric Ammonium Nitrate-Catalyzed Formal [3+2] Cycloaddition of 1,4-Naphthoquinones to Olefins and Its Application to Furomollugin

Likai Xia and Yong Rok Lee*

School of Chemical Engineering, Yeungnam University, Gyeongsan 712-749, Republic of Korea

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$^1$H NMR of Compound 16

300 MHz, CDCl$_3$

$^{13}$C NMR of Compound 16

75 MHz, CDCl$_3$
1-D NOE NMR Spectrum of Compound 19

Irradiated at the aromatic proton that appeared at δ 7.42 ppm
$^1$H NMR of Compound 21

300 MHz, CDCl$_3$

$^{13}$C NMR of Compound 21

75 MHz, CDCl$_3$
$^1$H NMR of Compound 22

$^{13}$C NMR of Compound 22
$^1$H NMR of Compound 25

300 MHz, CDCl$_3$

$^{13}$C NMR of Compound 25

75 MHz, CDCl$_3$
$^1$H NMR of Compound 26

$^{12}$C NMR of Compound 26
$^1$H NMR of Compound 28

300 MHz, CDCl$_3$

$^{13}$C NMR of Compound 28

75 MHz, CDCl$_3$
$^1$H NMR of Compound 30

$^{13}$C NMR of Compound 30
$^1$H NMR of Compound 31

$^{13}$C NMR of Compound 31

300 MHz, CDCl$_3$

75 MHz, CDCl$_3$
$^1$H NMR of Compound 32

$$\text{OH}$$

$$\text{O}$$

$$\text{OMe}$$

300 MHz, CDCl$_3$

$^{13}$C NMR of Compound 32

$$\text{OH}$$

$$\text{O}$$

$$\text{OMe}$$

75 MHz, CDCl$_3$