Electronic Supplementary MateParoline Decived Decived

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Fig.1 ¹H spectra of compound **1b**



Fig. 2 ¹H spectra of compound **1b**



Fig.3 ¹³C spectra of compound **1b**



Fig.4 NOESY (full spectra) of compound 1b



Fig.5 NOESY (0-3.7 ppm expanded spectra) of compound 1b



Fig.6 COSY (full spectra) of compound 1b



Fig.7 ¹H spectra of compound **1b**'





Fig.8 ¹³C spectra of compound **1b**'

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1b'



Fig.9 HSQC spectra of compound 1b'



Fig.10 NOESY spectra of compound 1b'



Fig.11 COSY spectra of compound 1b'



Fig.12 ¹H spectra of compound **2b**



Fig.13¹³C spectra of compound **2b**



Fig.14 ¹H spectra of compound **2b'**



Fig.15¹³C spectra of compound **2b**'



Fig.16 ¹H spectra of compound 4b



Fig.17¹³C spectra of compound 4b



Fig.18 ¹H spectra of compound 8



Fig.19¹H spectra of compound 7



Fig.20¹H spectra of compound **1a**



Fig.21 COSY(1-7 ppm) spectra of compound 1a



Fig 22. NOESY (1.5- 4 ppm) spectra of compound 1a







Fig.23 ¹³C spectra of compound **1a**

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3.05 3.04

Fig.24 ¹H spectra of compound **1a'**



Fig.25 ¹³C spectra of compound **1a**'







Fig.27 DEPT 135 spectra of compound 1a'



Fig.28 HSQC spectra of compound 1a'



Fig.29 ¹H spectra of compound **2a**



Fig.30¹³C spectra of compound **2a**



Fig.31 ¹H spectra of compound **2a'**



Fig.32¹³C spectra of compound **2a'**



Fig.33 ¹H spectra of compound **1g**



Fig.34¹³C spectra of compound **1g**



Fig.35 HSQC spectra of compound 1g


Fig.36 HMBC spectra of compound 1g



Fig.37 COSY spectra of compound 1g



Fig.38 COSY (1.5-7.00 ppm) expanded spectra of compound 1g



Fig.39 NOESY (expanded 1.4-4.9 ppm) spectra of compound 1g



Fig.40 ¹H spectra of compound **1g'**



Fig.41¹³C spectra of compound **1g**'



Fig.42 ¹H spectra of compound **2g**





Fig.44 ¹H spectra of compound **2g'**



Fig.45¹³C spectra of compound **2g'**





Fig.47¹³C spectra of compound **4**c



Fig.48 ¹H spectra of compound **14**



Fig.49 ¹H spectra of compound **14**



Fig.50 ¹H spectra of compound **10**



Fig.51 ¹H spectra of compound **12**



Fig.52 ¹H spectra of compound **1g**"



Fig.53 ¹H spectra of compound **1d**



Fig.54¹³C spectra of compound 1d



Fig.55 ¹H spectra of compound **1d'**



Fig.56 ¹H spectra of compound **2d**







Fig.57¹³C spectra of compound **2d**



Fig.58 ¹H spectra of compound **2d'**







Fig.5 ¹³C spectra of compound **2d'**



Fig.60 ¹H spectra of compound **2f**



Fig.61¹³C spectra of compound **2f**



Fig.62 ¹H spectra of compound **2f**'



Fig.63¹³ C spectra of compound **2f**'



Fig.64 ¹H spectra of compound **2e**











Fig.67¹³C spectra of compound **2**j



Fig.68 ¹H spectra of compound **2**j'



Fig.69¹³C spectra of compound **2j**'



Fig.70 ¹H spectra of compound **1**j







Fig.71 ¹H spectra of compound **1e**


Fig.72 ¹H spectra of compound **1e'**





Fig.74¹³C spectra of compound **4d**



Fig.75 ¹H spectra of compound **15**



Fig.76¹³C spectra of compound **15**



Fig.77 ¹H spectra of compound **13**



79



Fig.79 ¹H spectra of compound **2c**



Fig.80 ¹H spectra of compound 2c'



Fig.81¹³C spectra of compound **2c'**





Fig.83 ¹³C spectra of compound **2i**



Fig.84 ¹H spectra of compound 2i'





Fig.86 ¹H spectra of compound **2h**



Fig.87¹³C spectra of compound **2h**

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Fig.88 ¹H spectra of compound **2h'**



Fig.89¹³C spectra of compound **2h**'

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Fig.90 ¹H spectra of compound **4**e

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Fig.91¹³C spectra of compound **4**e

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Fig.92 ¹H spectra of compound 19



Fig.93¹³C spectra of compound 19