SUPPORTING INFORMATION

Improved preparation of 4(5)-aryl-2-(β-D-glucopyranosyl)-imidazoles, the most efficient glucose analogue inhibitors of glycogen phosphorylase

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Copies of NMR spectra of the prepared compounds.

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12 (CDCl$_3$, 400 MHz)

12 (CDCl$_3$, 90 MHz)
13a (CDCl₃, 400 MHz)

13a (CDCl₃, 100 MHz)
$13b \ (\text{CDCl}_3, \ 400 \text{ MHz})$

$13b \ (\text{CDCl}_3, \ 100 \text{ MHz})$
Assignment of the proton spectrum was accomplished by a COSY measurement.

2D $^1$H-$^{13}$C HMBC spectrum of compound $^{14a}$ in CDCl$_3$ (500 MHz)
Assignment of the proton spectrum was accomplished by a COSY measurement.

2D $^1$H-$^{13}$C HMBC spectrum of compound 14b in CDCl$_3$ (500 MHz)