Novel chemoenzymatic methodology for the regioselective glycine loading on polyhydroxy compounds

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$^{13}$C NMR spectrum (Bruker DRX-400, 100.5 MHz, methanol-d$_4$) of compound 3
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1H NMR spectrum (Bruker DRX-400, 400 MHz, methanol-d4) of compound 4
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HRMS (ESI) of compound 16

\[ \text{H}_3\text{C}(\text{H}_2\text{C})_2\text{H}_2\text{C}-\text{O}-\text{H}_2\text{C} \]

\[ \text{solvent peak methanol-d}_4 \]

\[ \text{solvent peak methanol-d}_4 \]

\[ 1^\text{H} \text{ NMR spectrum (Bruker DRX-400, 400 MHz, methanol-d}_4 \text{) of compound 17} \]
Expansion of $^1$H NMR spectrum (Bruker DRX-400, 400 MHz, methanol-d$_4$) of compound 17

$^{13}$C NMR spectrum (Bruker DRX-400, 100.5 MHz, methanol-d$_4$) of compound 17
HRMS (ESI) of compound 17

$^{1}$H NMR spectrum (Bruker DRX-400, 400 MHz, methanol-d$_4$) of compound 18
$^1$H NMR spectrum (Bruker DRX-400, 400 MHz, methanol-$d_4$) of compound 18 (expansion from $\delta$ 3.28 to 4.56)

$^{13}$C NMR spectrum (Bruker DRX-400, 100.5 MHz, methanol-$d_4$) of compound 18
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(expansion from $\delta$ 61.017 to 72.386)

HRMS (ESI) of compound 18
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$^{13}$C NMR spectrum (Bruker DRX-400, 100.5 MHz, methanol-$d_4$) of compound 19
HRMS (ESI) of compound 19

\[ \text{HRMS (ESI) of compound 19} \]

[Image of HRMS scan]

\[ \text{H NMR spectrum (Bruker DRX-400, 400 MHz, methanol-d}_4\text{) of compound 25} \]

[Image of H NMR spectrum]
$^{13}$C NMR spectrum (Bruker DRX-400, 100.5 MHz, methanol-d$_4$) of compound 25

$^1$H NMR spectrum (Bruker DRX-400, 400 MHz, methanol-d$_4$) of compound 29
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