Supplementary Material for:

Chemoenzymatic Syntheses of Some Analogues of the Tricarbocyclic Core of the Anti-bacterial Agent Platencin and the Biological Evaluation of Certain of Their N-Arylpropionamide Derivatives

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400 MHz $^1$H NMR Spectrum of Compound 16
(recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 16
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 17
(recorded in CDCl$_3$)

OTBDMS

CH$_3$Cl$_2$

CHCl$_3$

S10
101 MHz $^{13}$C NMR Spectrum of Compound 17
(recorded in CDCl$_3$)

OTBDMS

17

CDCl$_3$
400 MHz $^1$H NMR Spectrum of Compound 18
(recorded in CDCl$_3$)

OTBDMS

18

CHCl$_3$
101 MHz $^{13}$C NMR Spectrum of Compound 18
(recorded in CDCl$_3$)

$\text{OTBDMS}$

$\text{I}$

18

CDCl$_3$
400 MHz $^1$H NMR Spectrum of Compound 19
(recorded in CDCl$_3$)

* = impurity
101 MHz $^{13}$C NMR Spectrum of Compound 19
(recorded in CDCl$_3$)

19
101 MHz $^{13}$C NMR Spectrum of Compound 20
(recorded in CDCl$_3$)

* = impurity
400 MHz $^1$H NMR Spectrum of Compound 25
(recording in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 25
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 26
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 26
(recorded in CDCl$_3$)

![NMR Spectrum of Compound 26](image)
400 MHz $^1$H NMR Spectrum of Compound 27
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 27 (recorded in CDCl$_2$)

![NMR Spectrum Image]

CDCl$_3$
400 MHz $^1$H NMR Spectrum of Compound 28
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 28
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 29
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 29
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 30
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 30
(recorded in CDCl$_3$)
800 MHz $^1$H NMR Spectrum of Compound 14
(recording in CDCl$_3$)
201 MHz $^{13}$C NMR Spectrum of Compound 14
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 31
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 31
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Mixture of Compounds 15 and 32
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Mixture of Compounds 15 and 32 (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 33
(recoded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 33
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 34
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 34
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 35
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 35
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 37
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 37
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 38
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 38
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 39
(recorded in CDCl$_3$)

[Chemical Structure Image]

[NMR Spectrum Image]
101 MHz $^{13}$C NMR Spectrum of Compound 39
(recorded in CDCl$_3$)
400 MHz $^1\text{H}$ NMR Spectrum of Compound 40
(recorded in CDCl$_3$)

![NMR Spectrum](image.png)
101 MHz $^3$C NMR Spectrum of Compound 40
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 43
(recorded in CDCl$_3$)

CHCl$_3$
101 MHz $^{13}$C NMR Spectrum of Compound 43
(recorded in CDCl$_3$)

$\text{CDCl}_3$
400 MHz $^1$H NMR Spectrum of Compound 44
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 44
(recorder in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 45
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 45
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 46
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 46
(recorded in CDCl$_3$)

![NMR spectrum diagram](image-url)
400 MHz $^1$H NMR Spectrum of Compound 49
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 49
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 50
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 50
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 51
(recording in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 51
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 52
(recording in CDCl$_3$)

MeO-\hspace{1cm}O
\hspace{1cm}O
\hspace{1cm}H
\hspace{1cm}OH

52

CHCl$_3$
101 MHz $^{13}$C NMR Spectrum of Compound 52
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 53
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 53
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 54
(recoded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 54
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 55
(recorded in CDCl$_3$)

[Chemical structure image]

CHCl$_3$
101 MHz $^{13}$C NMR Spectrum of Compound 55
(recorded in CDCl$_3$)

![Chemical Structure of Compound 55](image)
400 MHz $^1$H NMR Spectrum of Compound 56
(recorded in CDCl$_3$)

\[ \text{Structure of Compound 56} \]

\[ \text{CHCl}_3 \]
101 MHz $^{13}$C NMR Spectrum of Compound 56
(recorded in CDCl$_3$)

![NMR Spectrum]
400 MHz $^1$H NMR Spectrum of Compound 57
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 57
(recorded in CDCl$_3$)
$^{1}H$ NMR Spectrum of Compound 58
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 58 (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 59
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 59
(recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 61
(recorded in CDCl$_3$)
101 MHz $^{13}$C NMR Spectrum of Compound 61
(recorded in CDCl$_3$)

61

CDCl$_3$
800 MHz $^1$H NMR Spectrum of Compound 64
(recorded in CDCl$_3$)
201 MHz $^{13}$C NMR Spectrum of Compound 64
(recorded in CDCl₃)