Supplementary Material

Synthesis of Tröger’s base bis(α-aminophosphonate) derivatives

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$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7a

Mass spectrum of compound 7a
HRMS spectrum of compound 7a

$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7b
$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7c

$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7d
$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7e

$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7f
$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7g

$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7h
$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 7i

$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 7j
Tröger’s base bis(aminophosphonate) spectras:

\(^1\)H NMR (500 MHz, CDCl\(_3\)) spectrum of compound 5a
$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5a

$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 5b
$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5b

$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 5c

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5c
$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 5d

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5d
$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 5e

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5e
$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 5f

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5f
$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 5g

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5g
$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 5h

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5h
$^1$H NMR (500 MHz, CDCl$_3$) spectrum of compound 5i

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 5i
$\text{^1H NMR (300 MHz, CDCl}_3\text{) spectrum of compound 5j}$

$\text{^{13}C NMR (75 MHz, CDCl}_3\text{) spectrum of compound 5j}$
$^1$H NMR (300 MHz, CDCl$_3$) spectrum of compound 6

$^{13}$C NMR (75 MHz, CDCl$_3$) spectrum of compound 6
Mass Spectrum of compound 6
HRMS Spectrum of compound 6

\(^1\)H NMR (300 MHz, CDCl\(_3\)) spectrum of compound 8
HRMS Spectrum of compound 8