Supporting Information

for

Menthyl esterification allows chiral resolution for the synthesis of artificial glutamate analogs

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Assignments and intensities of all NOESY crosspeaks observed for 10*, 10, 21*, and 21
Assignments and intensities of all NOESY cross peaks observed for $10^* \ (2S)$  
Assignments and intensities of all NOESY cross peaks observed for $10 \ (2R)$  
Assignments and intensities of all NOESY cross peaks observed for $21^* \ (2S)$  
Assignments and intensities of all NOESY cross peaks observed for $21 \ (2R)$
Assignments and intensities of all NOESY cross peaks observed for 10* (2S)
$^1$H NMR for 10* (2S) (400 MHz, CDCl$_3$)
NOESY analysis of $\textbf{10}^*$ (2S) (400 MHz, CDCl$_3$) #1/2
NOESY analysis of $10^* (2S)$ (400 MHz, CDCl$_3$) #2/2
Assignments and intensities of all NOESY cross peaks observed for 10 (2R)
$^1$H NMR for 10 (2$R$) (400 MHz, CDCl$_3$)
NOESY analysis of 10 (2R) (400 MHz, CDCl₃) #1/3

Hₙ

Hᵢ
NOESY analysis of 10 (2R)  
(400 MHz, CDCl₃) #2/3
NOESY analysis of 10 (2R) (400 MHz, CDCl$_3$) #3/3
Assignments and intensities of all NOESY cross peaks observed for 21* (2S)
NOESY analysis of \textbf{21* (2S) (400 MHz, CDCl$_3$)}

\begin{figure}
\centering
\includegraphics[width=\textwidth]{figure.png}
\caption{NOESY ST-022-3}
\end{figure}
Assignments and intensities of all NOESY cross peaks observed for 21 (2R)
NOESY analysis of 21 (2R) (400 MHz, CDCl₃)