



Supporting Information

for

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

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Stereo diagrams for 10, 21*, and 21 as well as superimposed structures of the stable conformers of 10*

Contents:

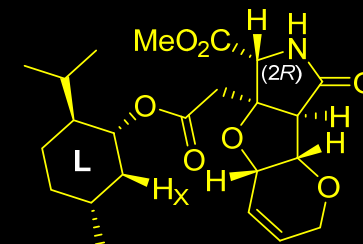
Stereo diagram of the most stable conformer in Figure 3, generated by CONFLEX (MMFF94S) for **10** SV-2

Stereo diagram of the most stable conformer in Figure 7, generated by CONFLEX (MMFF94S) for **21*** SV-3

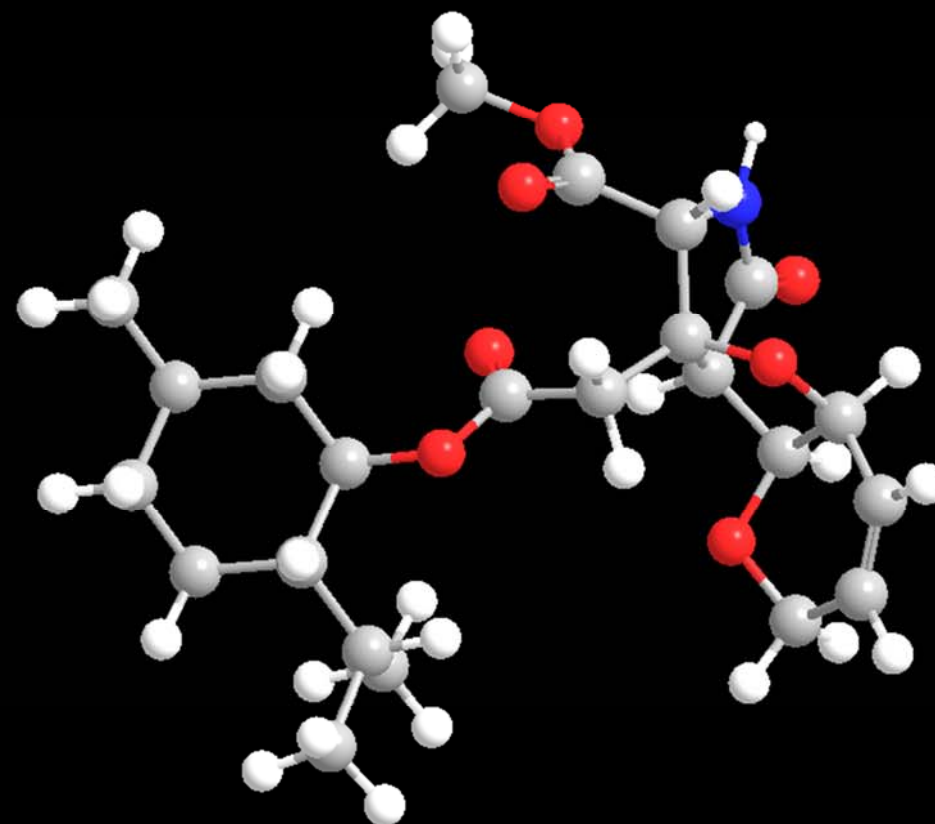
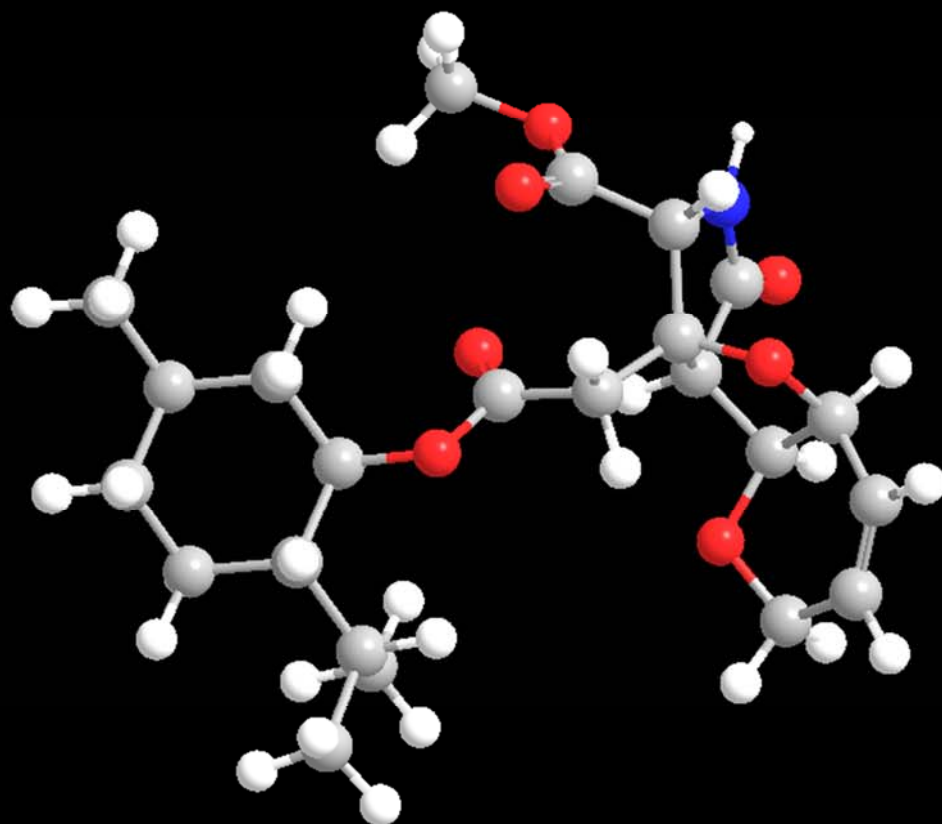
Stereo diagram of the most stable conformer in Figure 8, generated by CONFLEX (MMFF94S) for **21** SV-4

Superimposed structures of the top 7 stable conformers (97.5% total population) generated by CONFLEX (MMFF94S) for **10*** (2S) show the single bonds between the heterotricycle and the menthyl ring are freely rotating SV-5

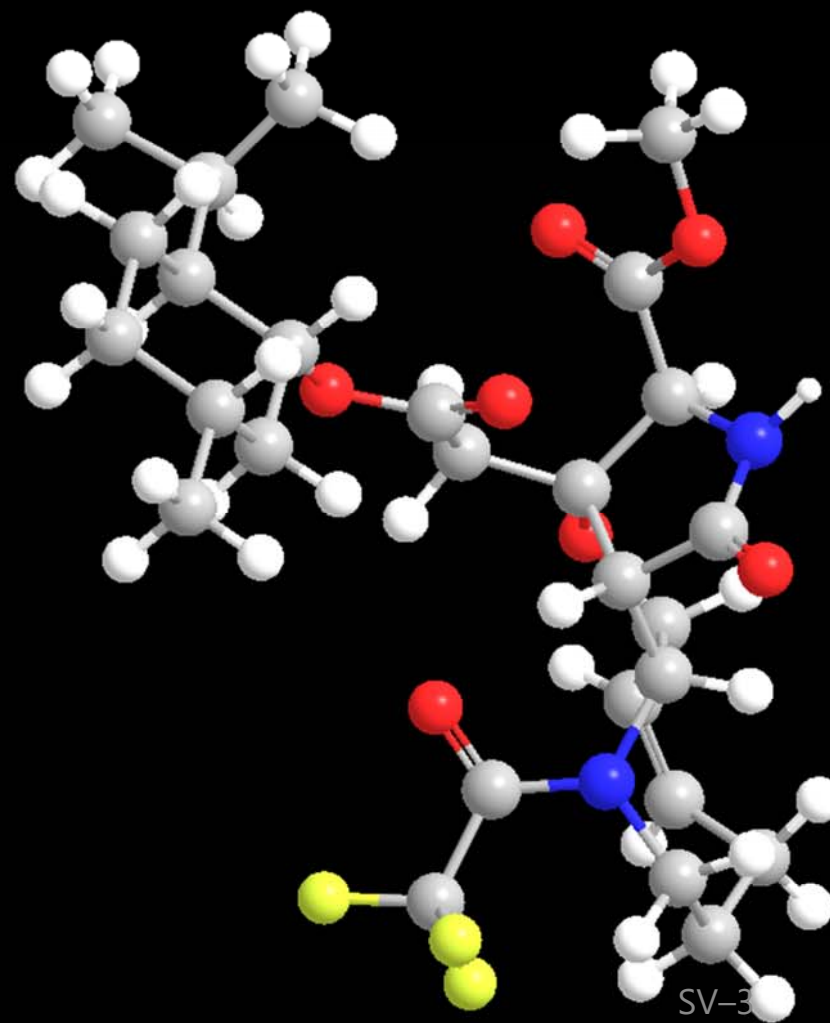
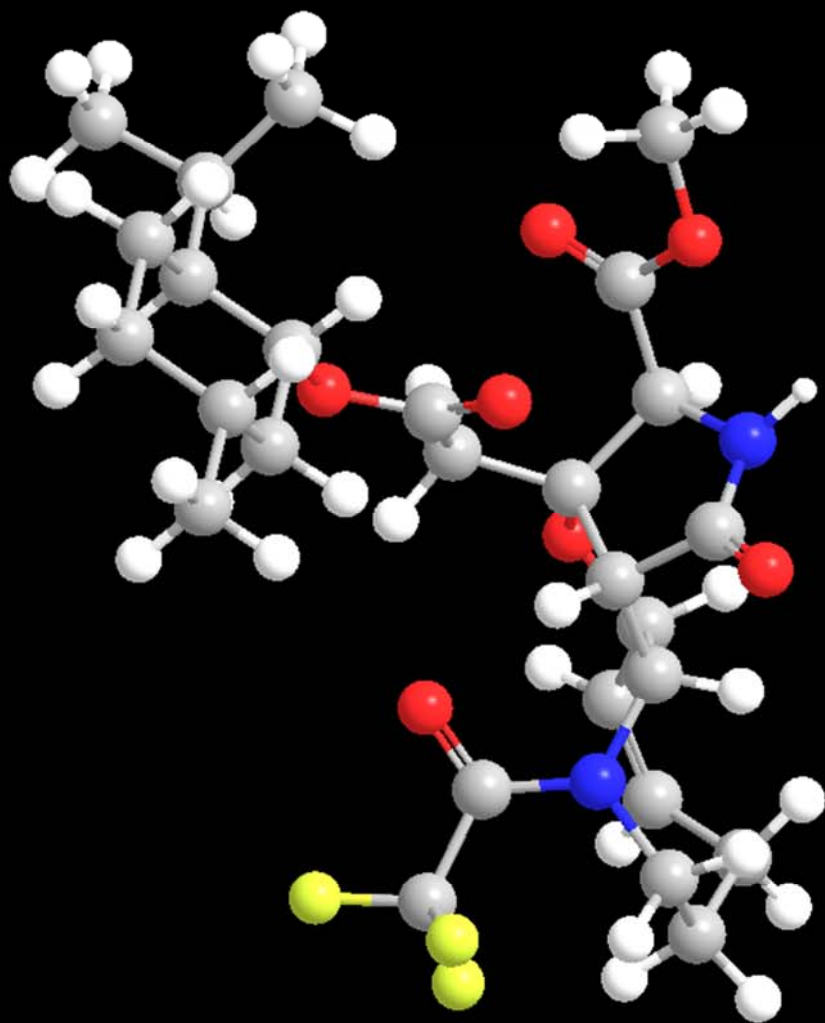
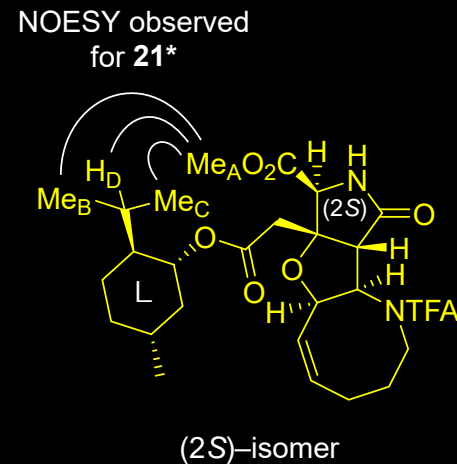
Stereo diagram of the most stable conformer
generated by CONFLEX (MMFF94S) for **10**
(parallel viewing)



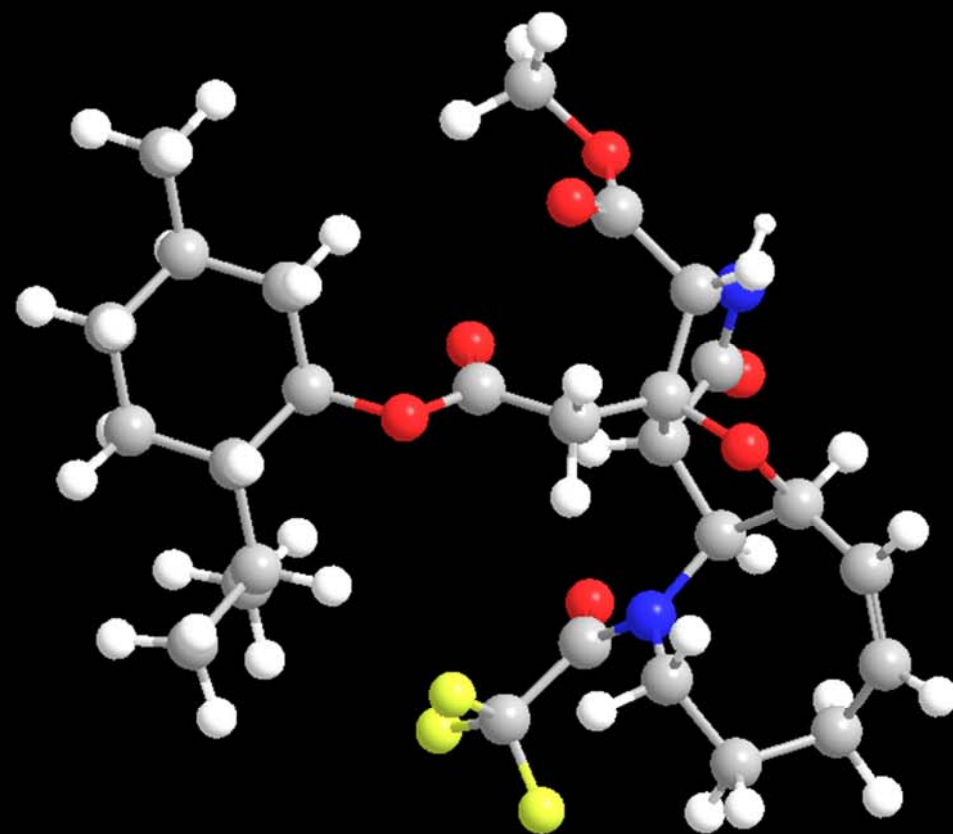
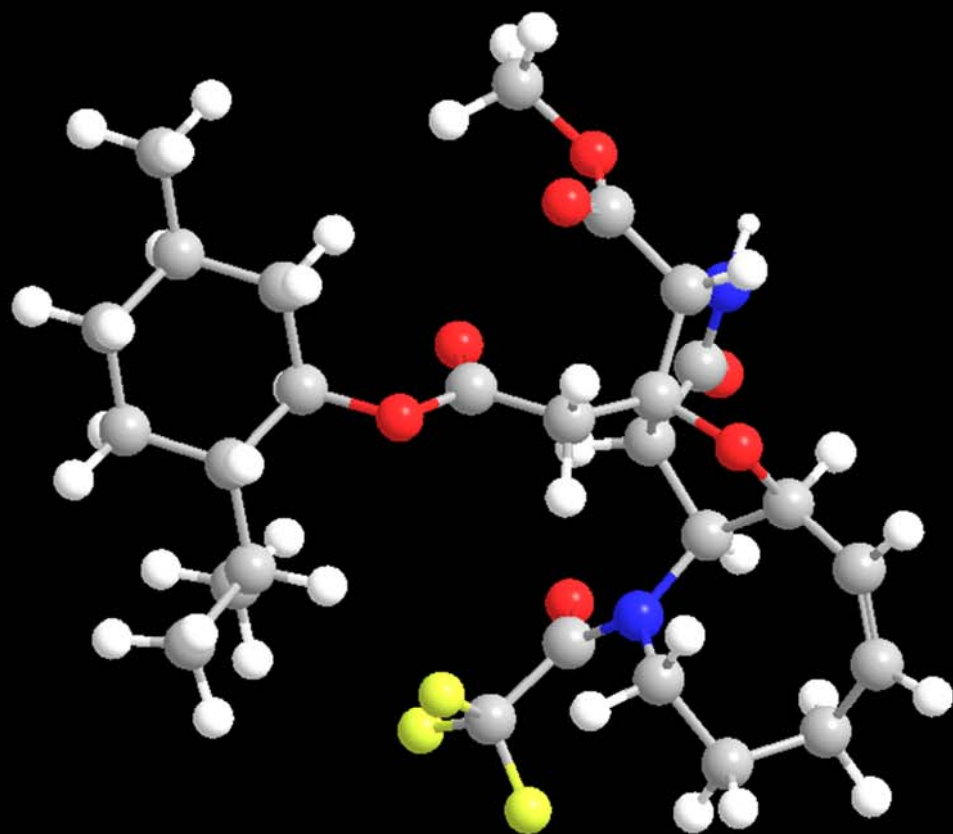
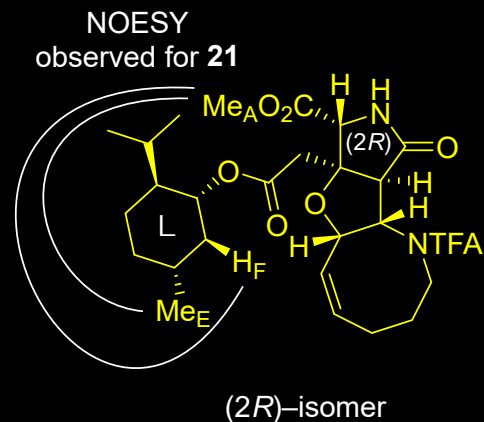
(2R)-isomer



Stereo diagram of the most stable conformer
generated by CONFLEX (MMFF94S) for **21*** (2S)
(parallel viewing)



Stereo diagram of the most stable conformer
generated by CONFLEX (MMFF94S) for **21** (2*R*)
(parallel viewing)



Superimposed structures of the top 7 stable conformers (97.5% total population) generated by CONFLEX (MMFF94S) for **10*** (2S) show the single bonds between the heterotricycle and the menthyl ring are freely rotating

