

Supporting Information

Glucopyranosylidene-spiro-thiazolinones: synthetic studies and determination of absolute configuration by TDDFT-ECD calculations

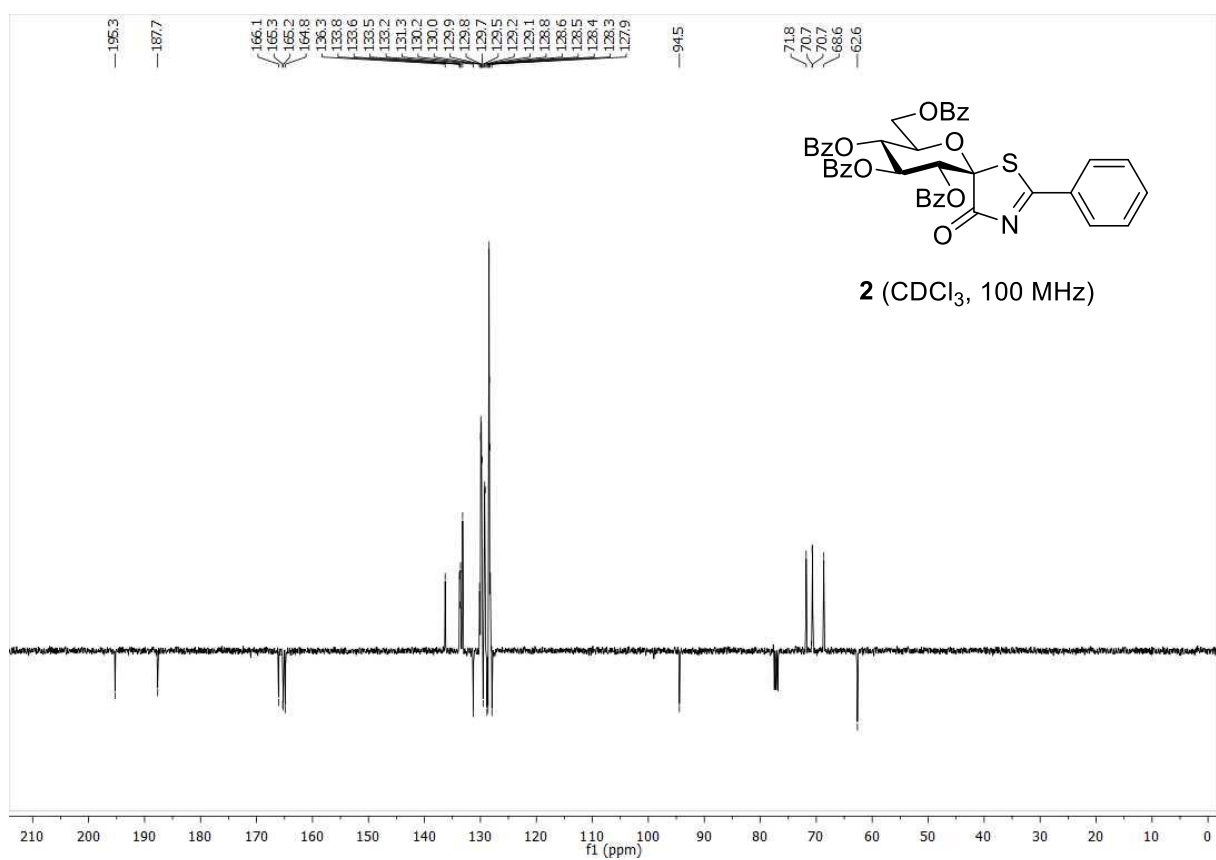
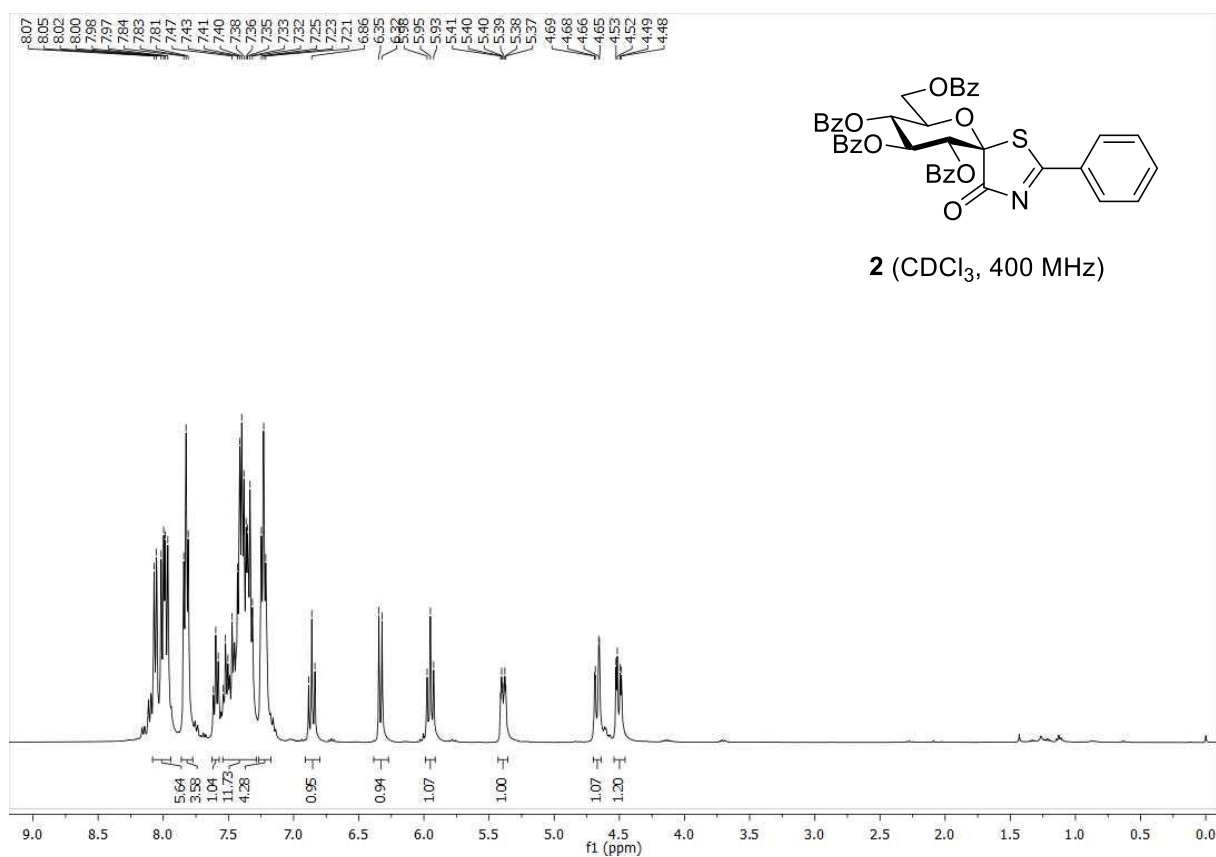
Katalin E. Szabó, Sándor Kun, Attila Mándi, Tibor Kurtán, László Somsák*

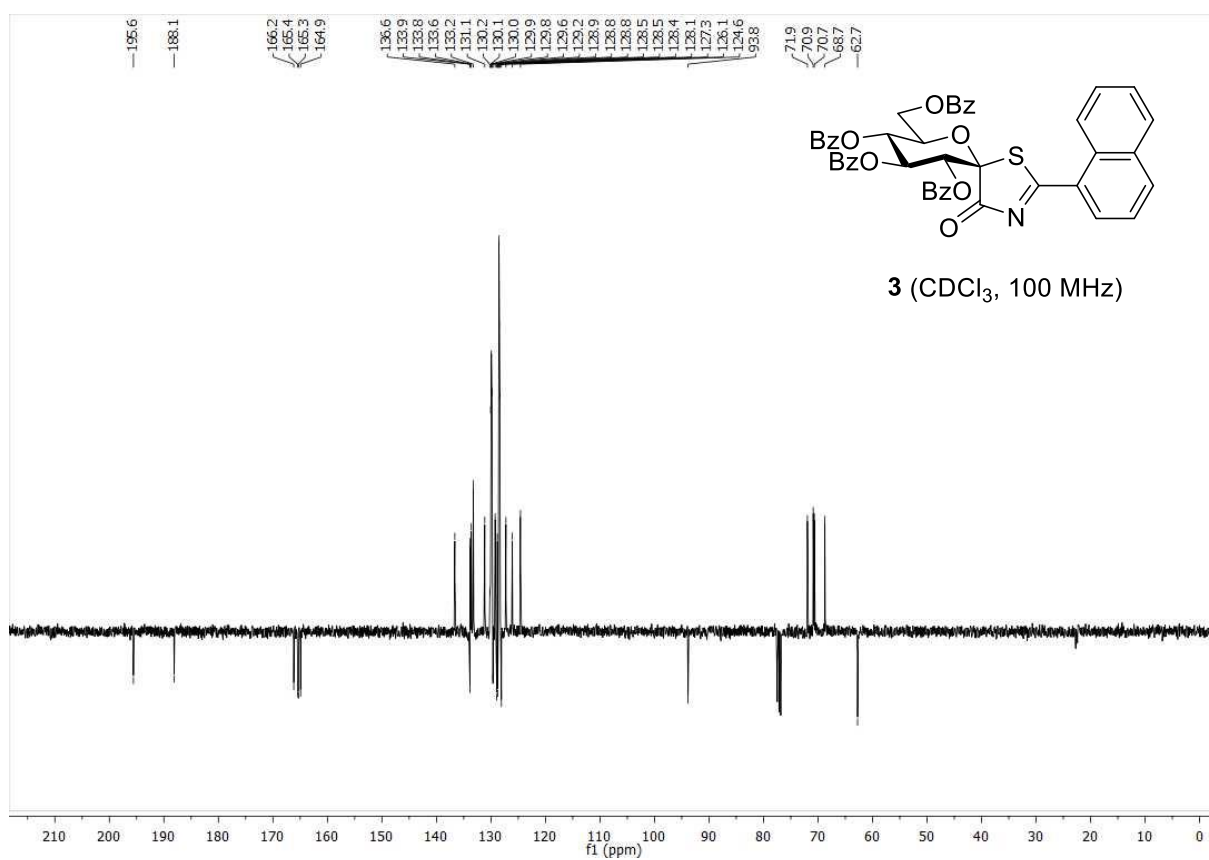
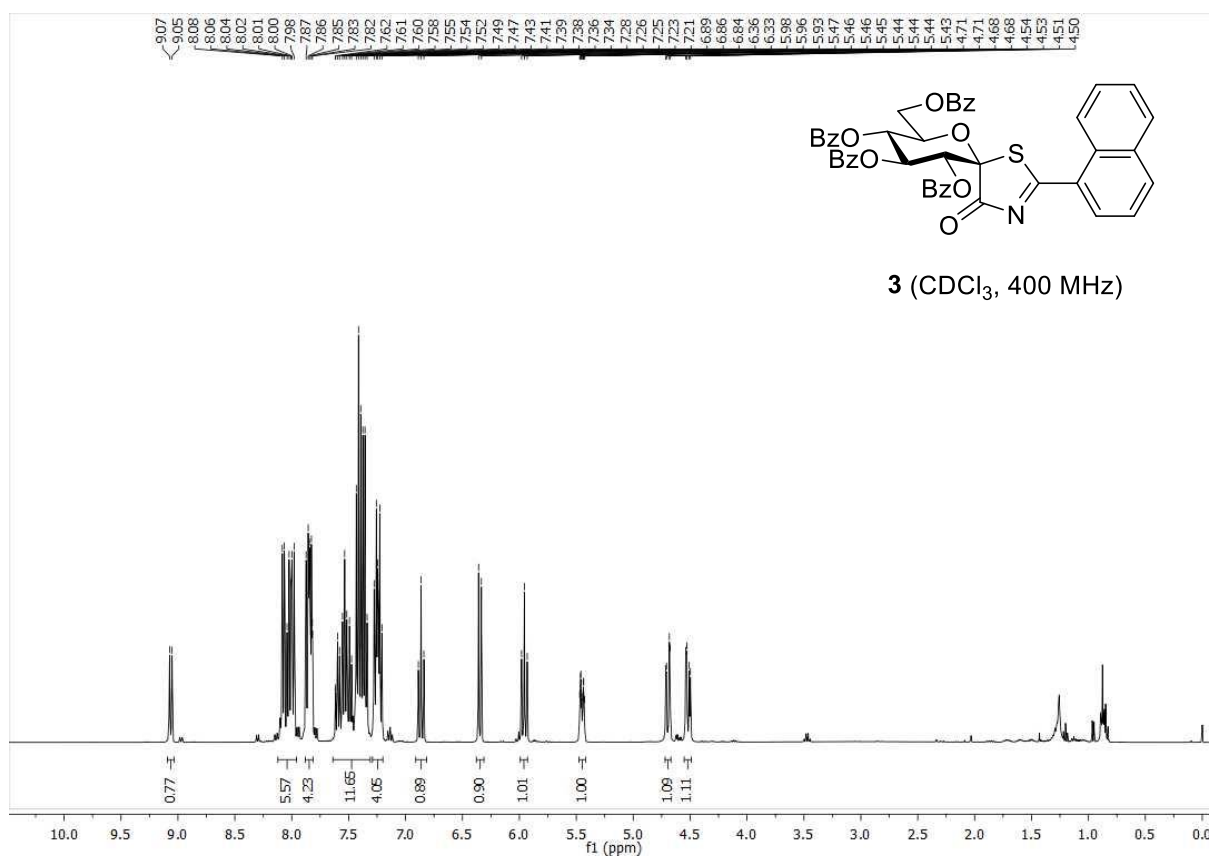
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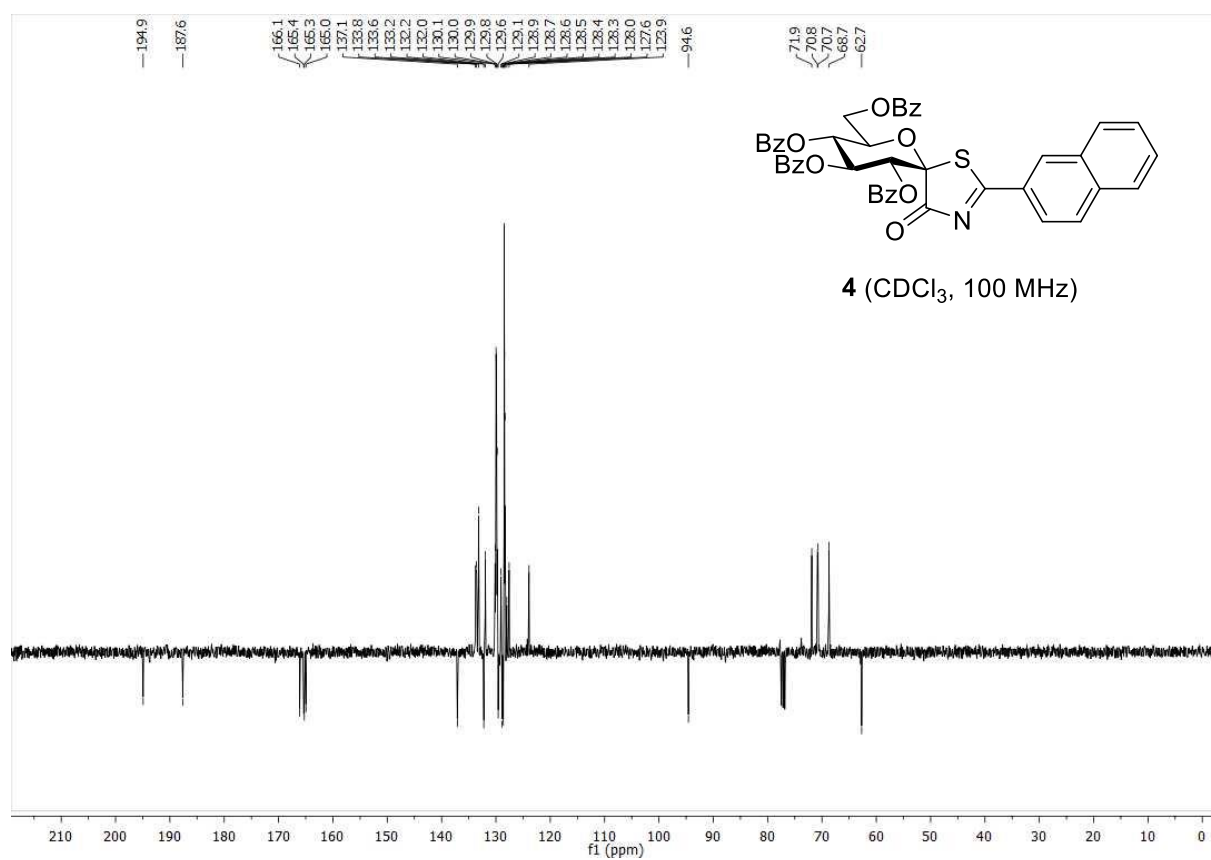
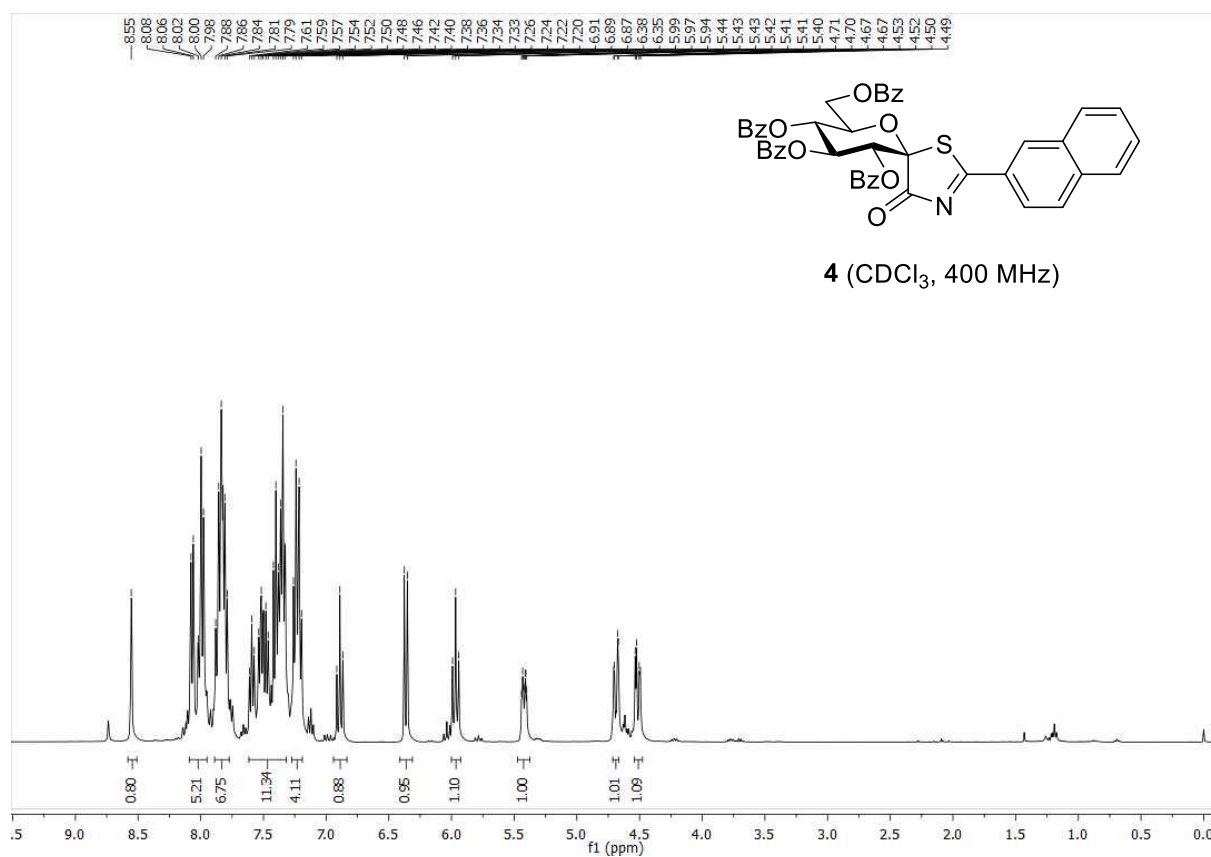
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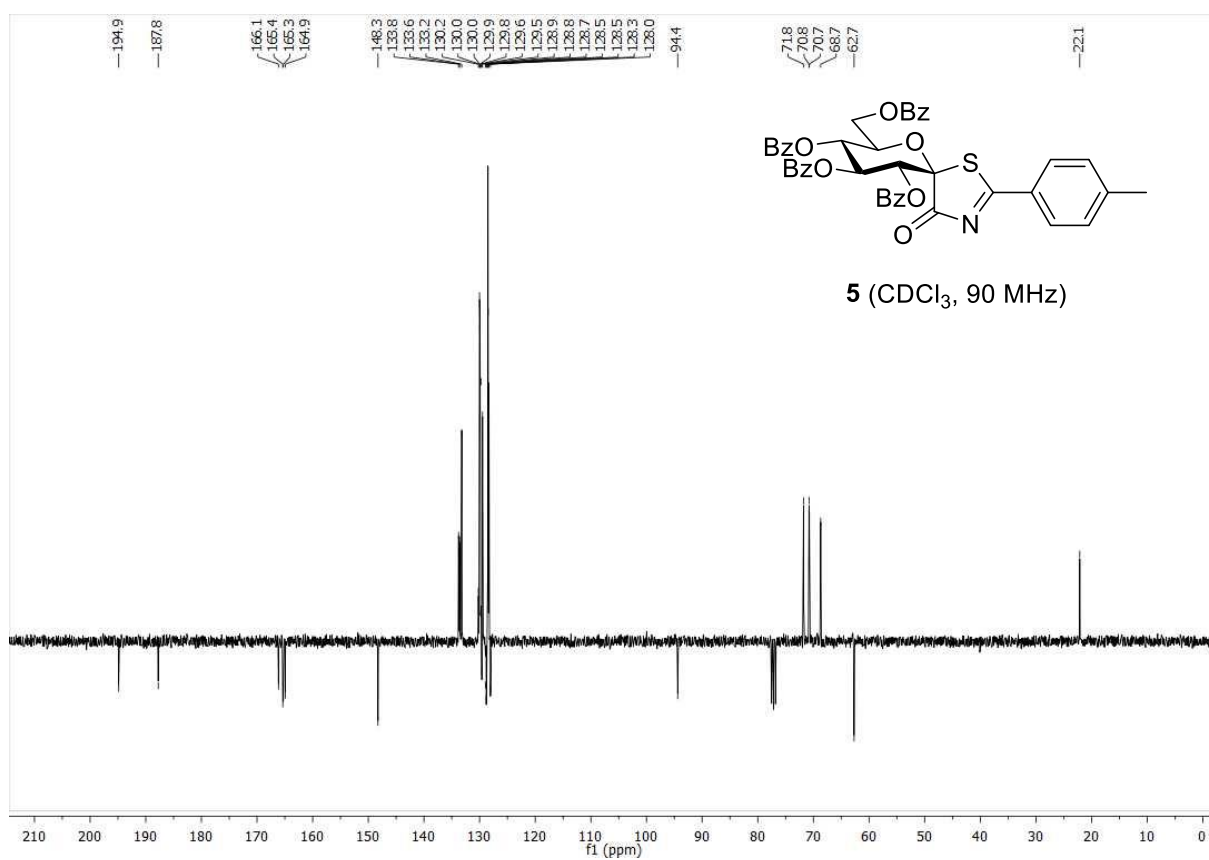
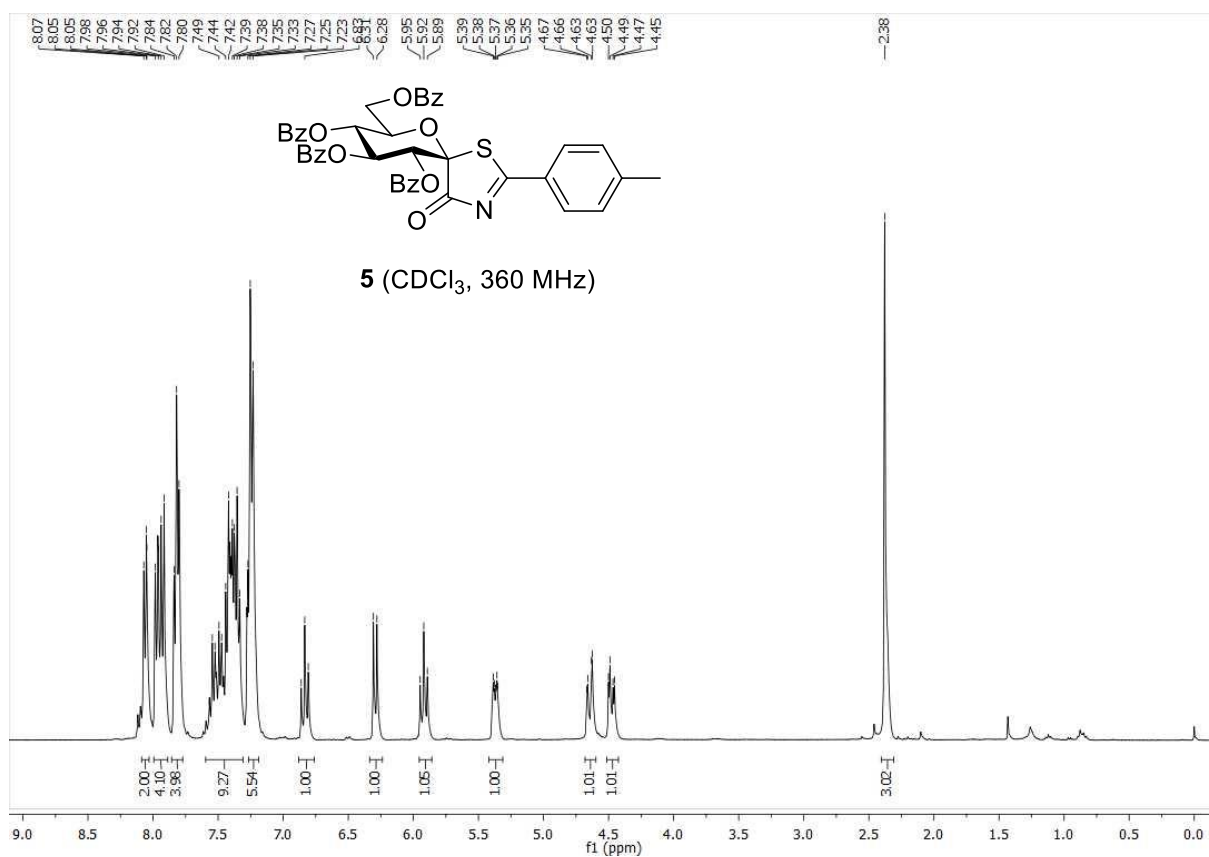
Copies of NMR spectra of the prepared compounds	S2
Low energy conformers of (1' <i>R</i>)- 15 , (1' <i>S</i>)- 15 , (2 <i>R</i> ,1' <i>R</i>)- 21 , (2 <i>S</i> ,1' <i>R</i>)- 21	S16

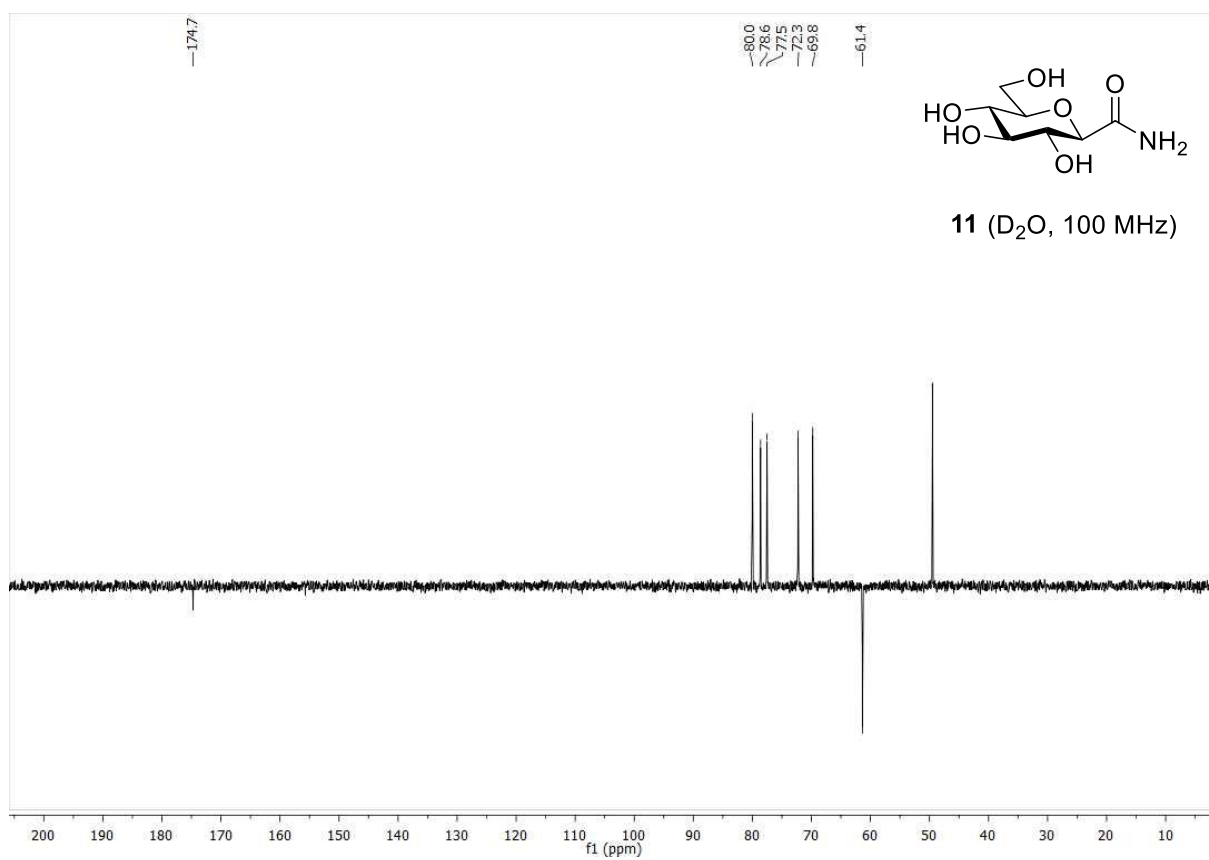
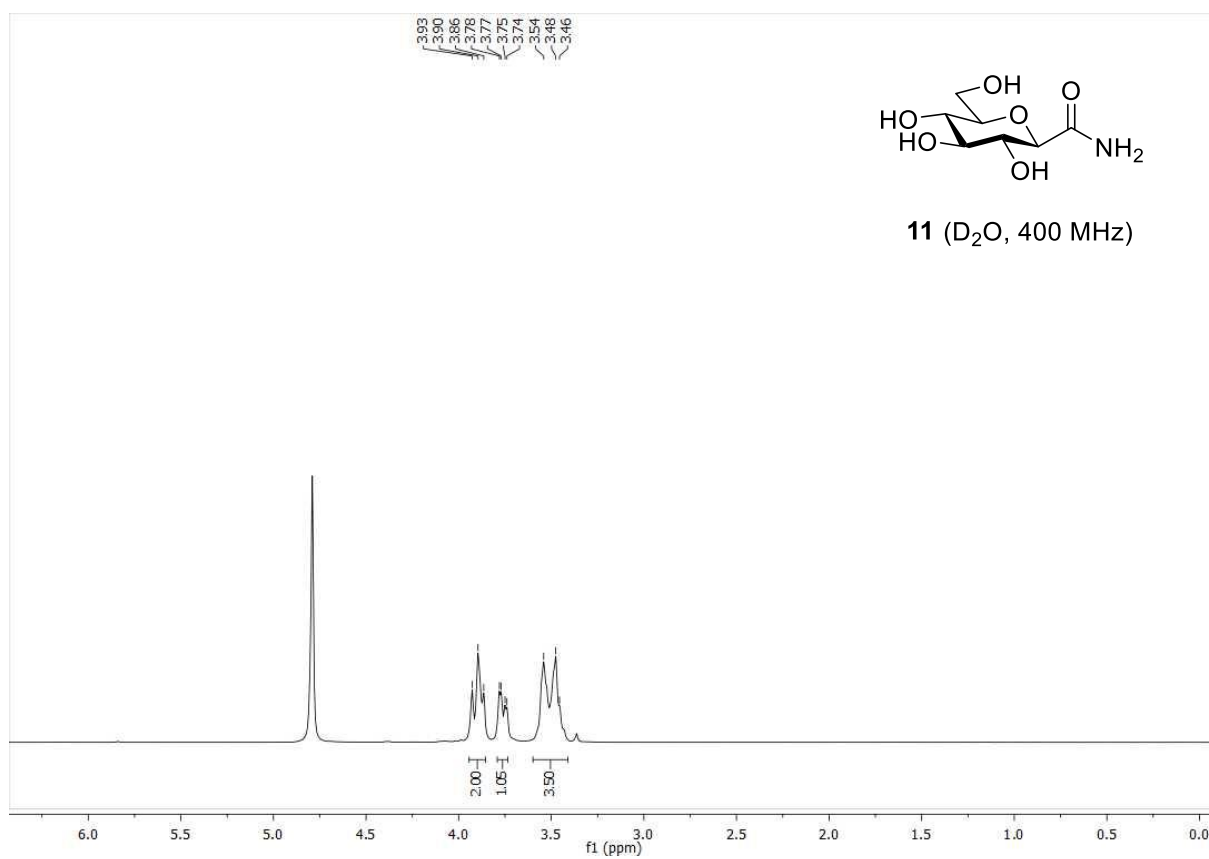
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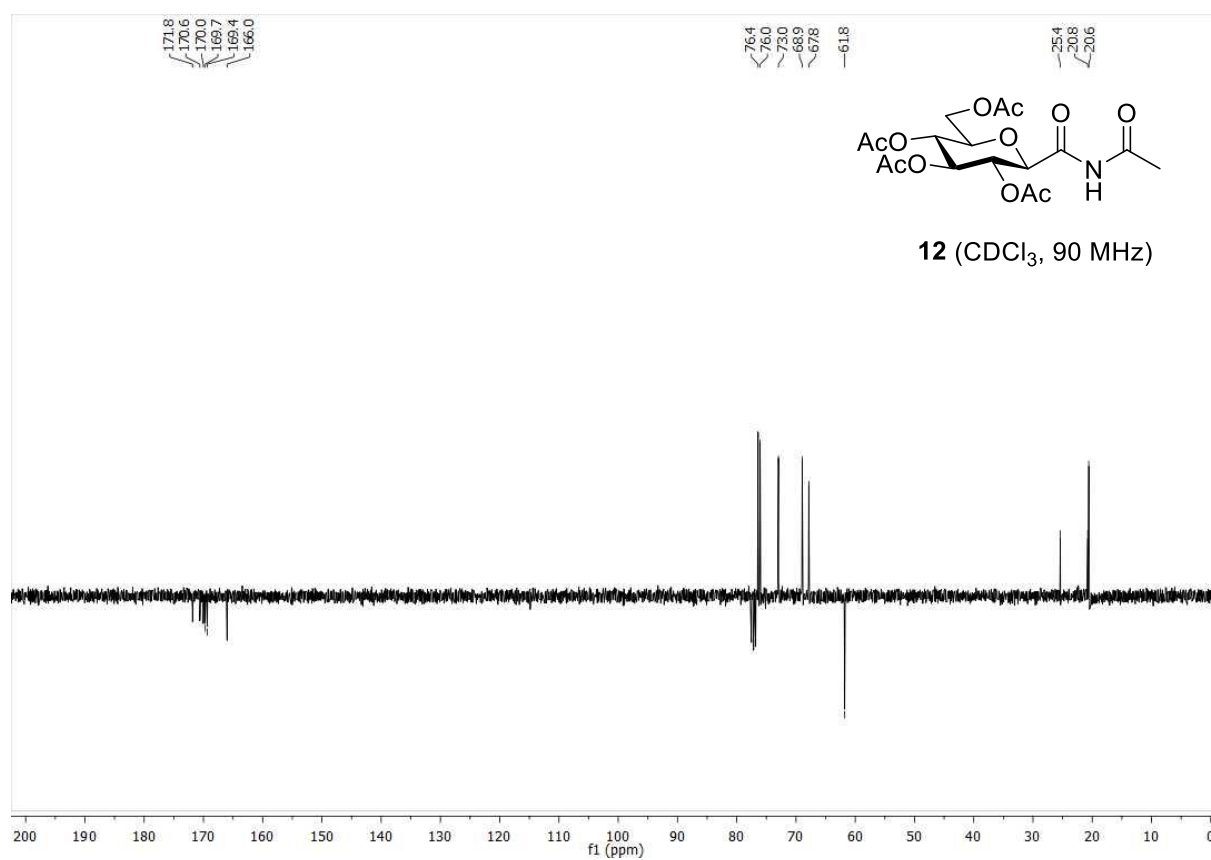
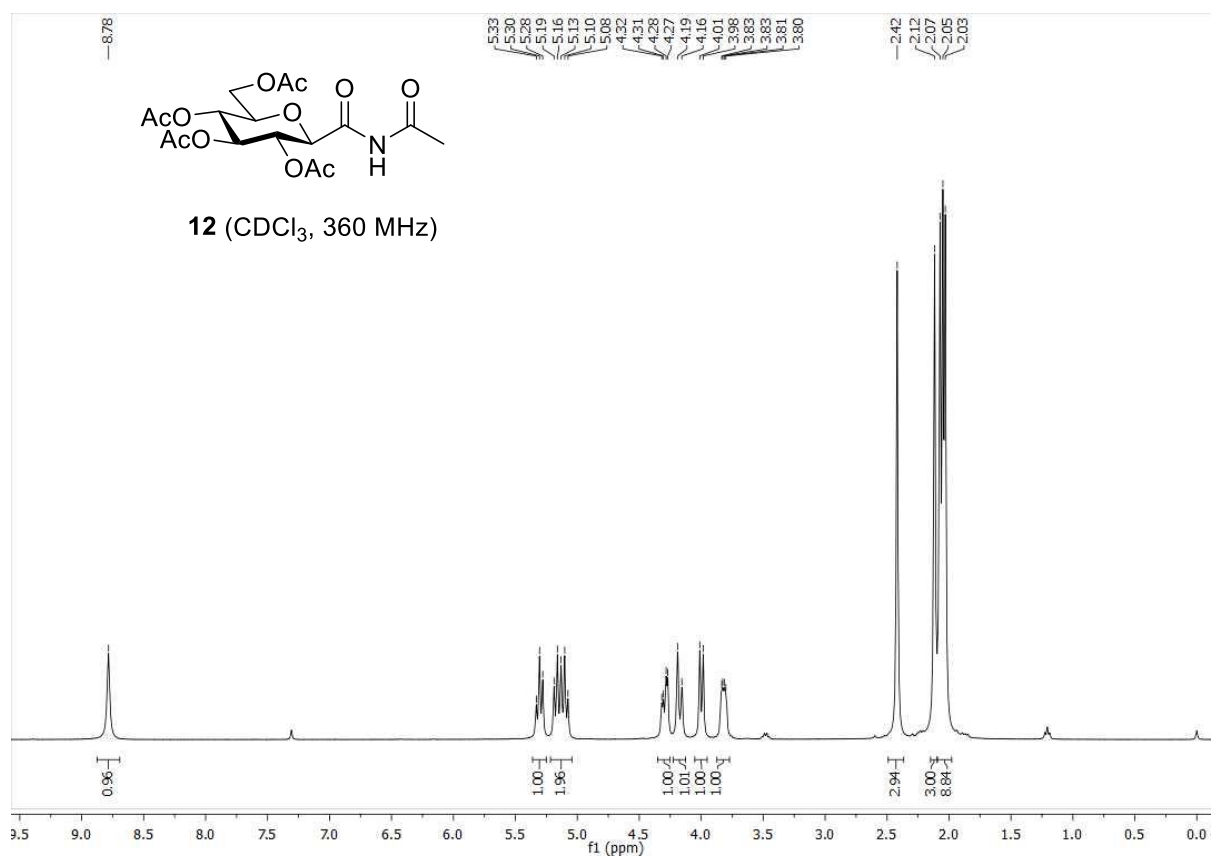


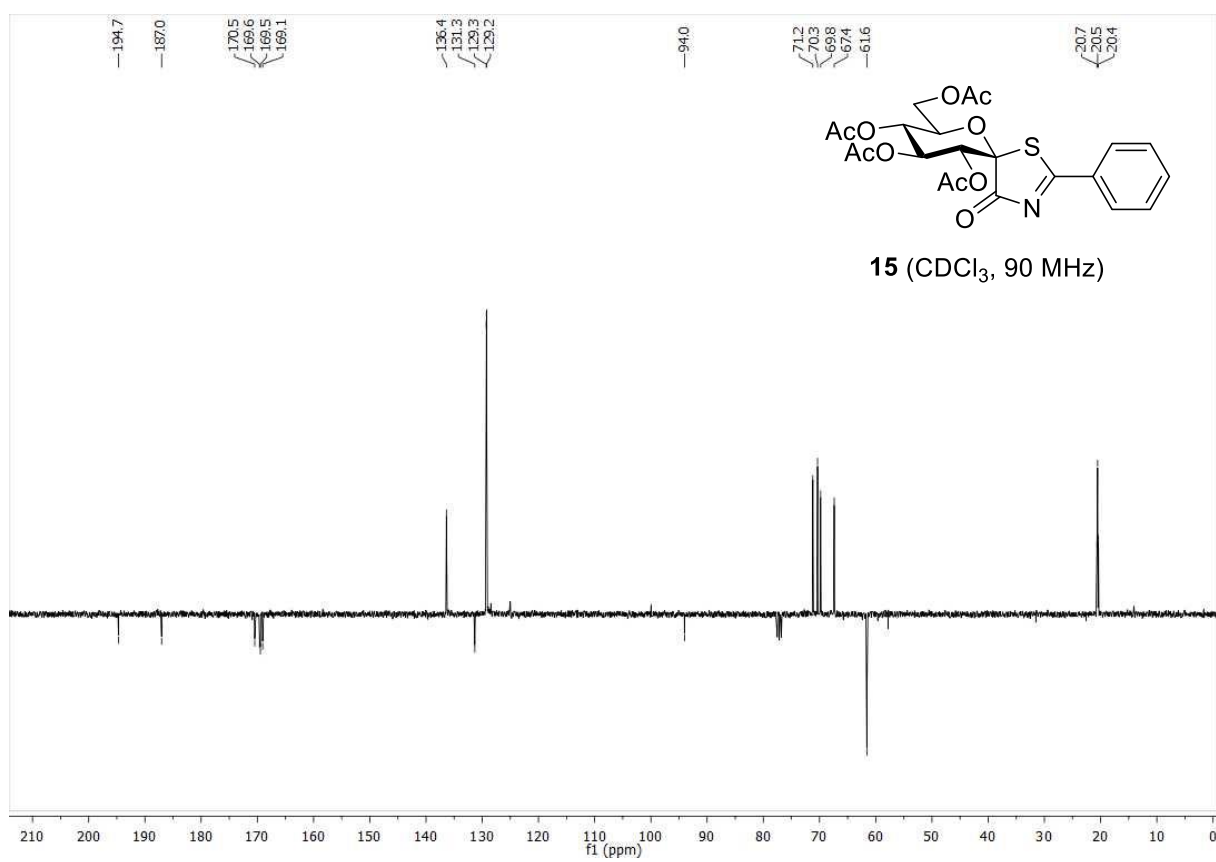
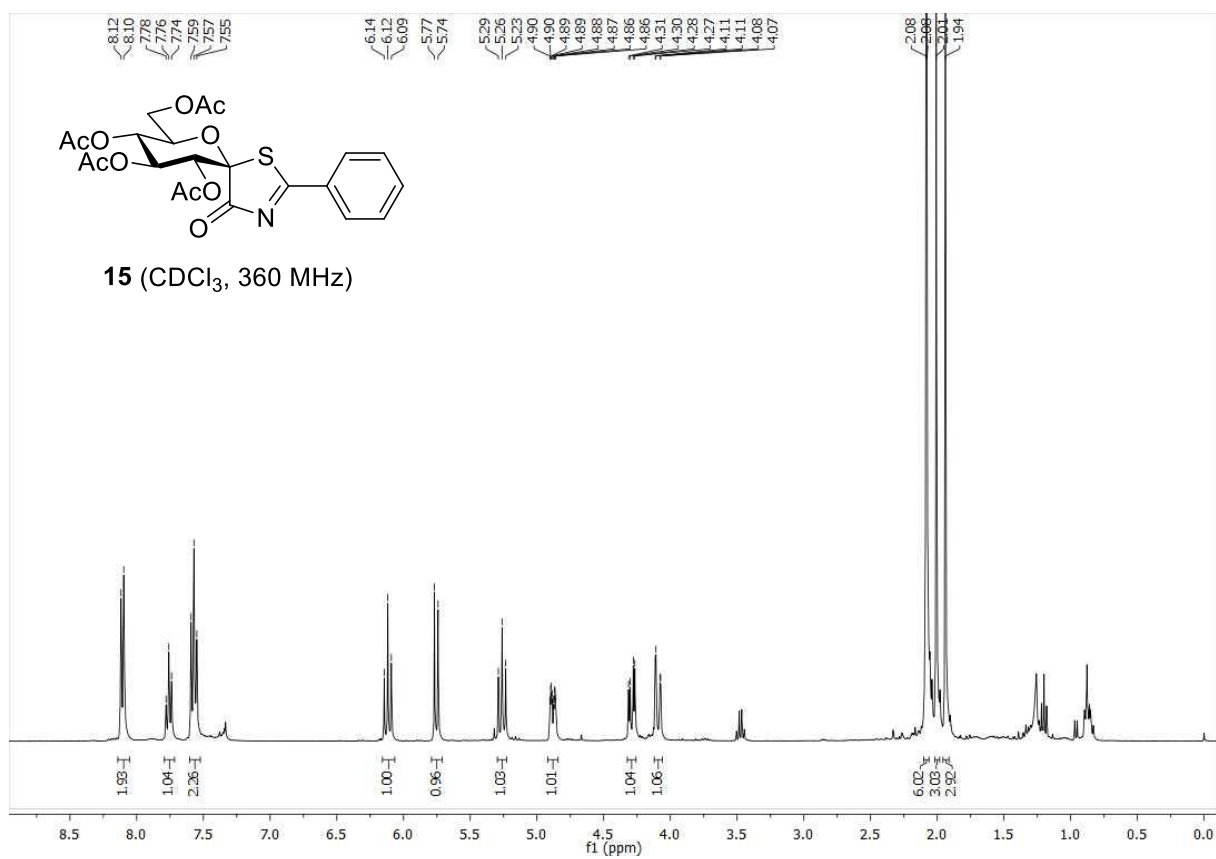


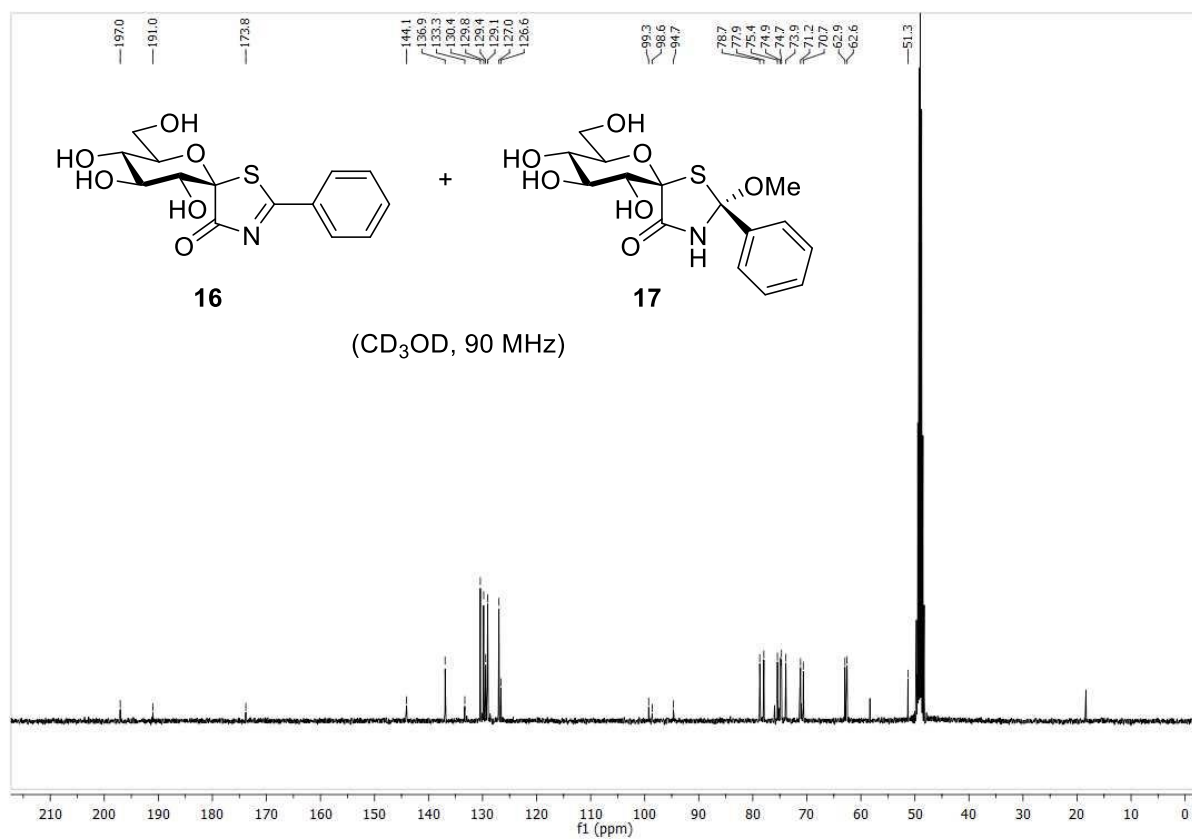
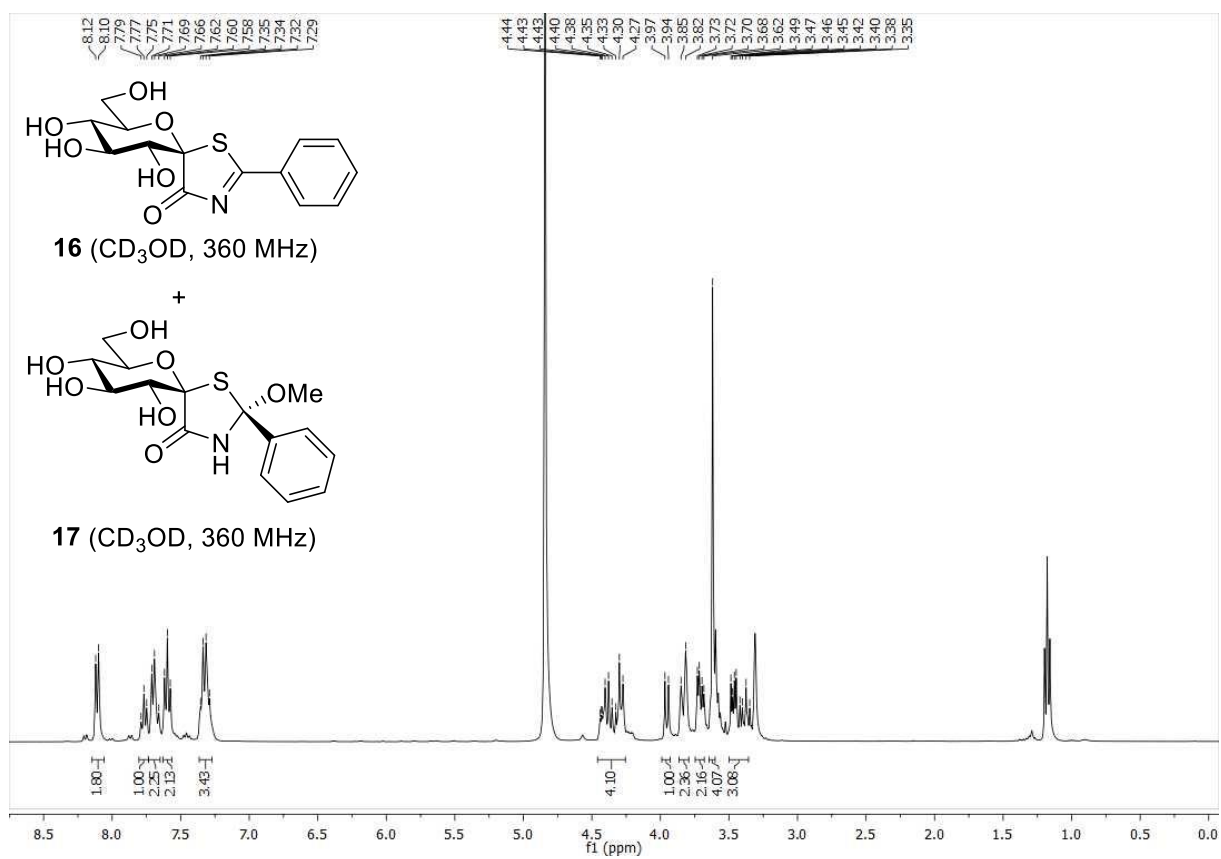


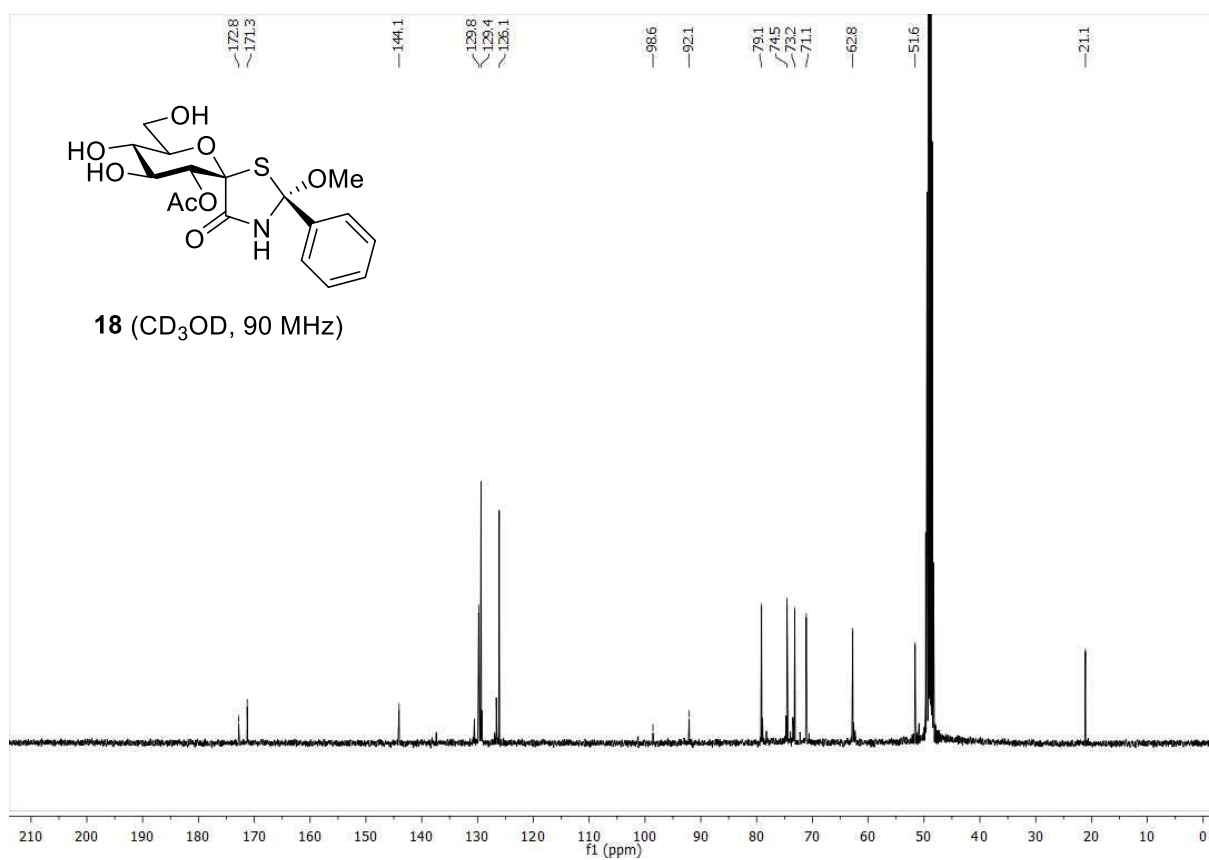
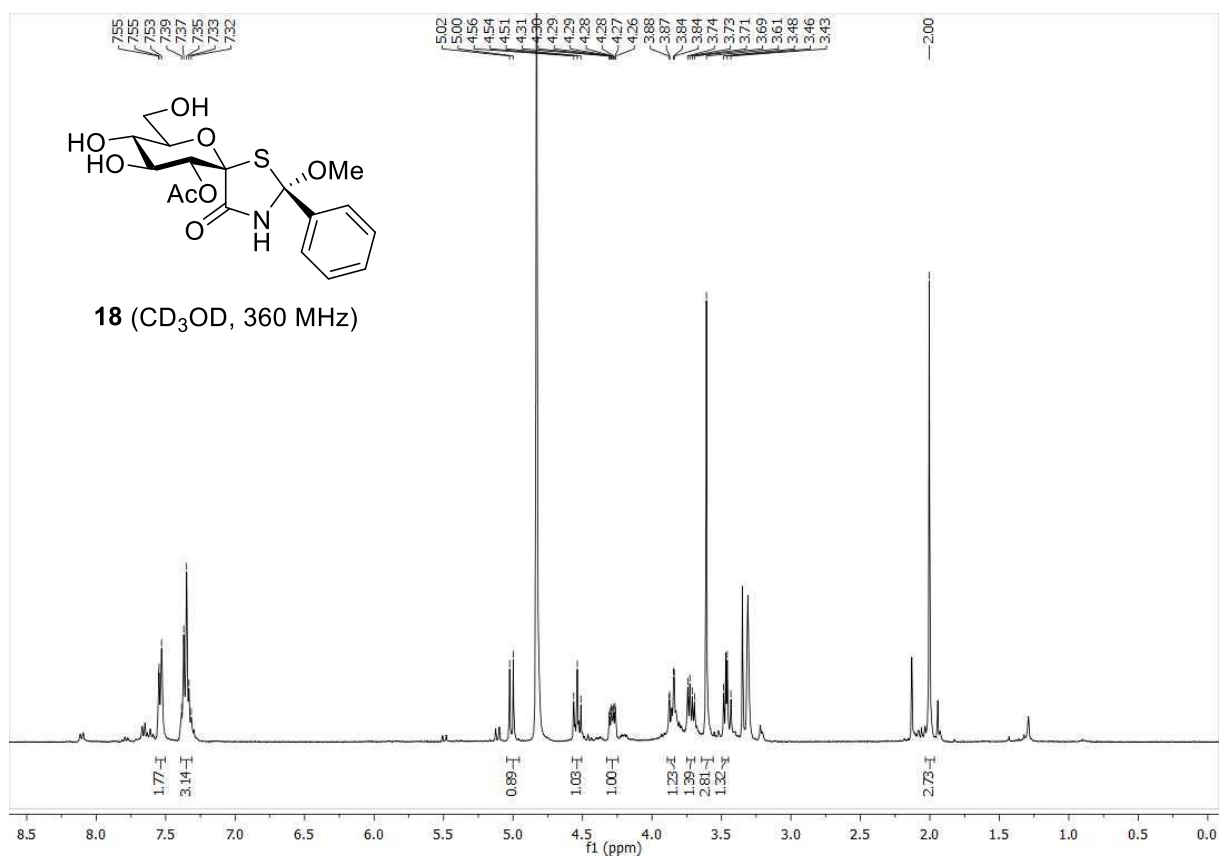


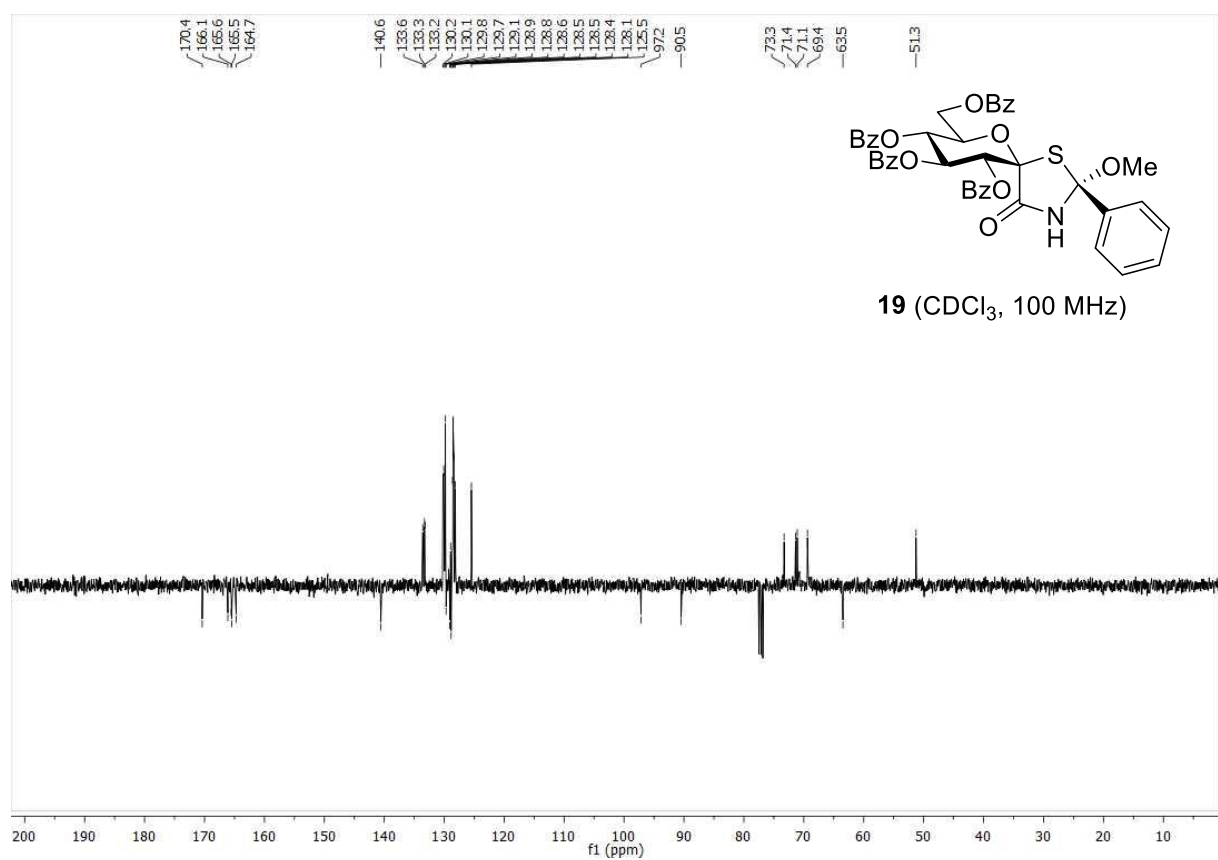
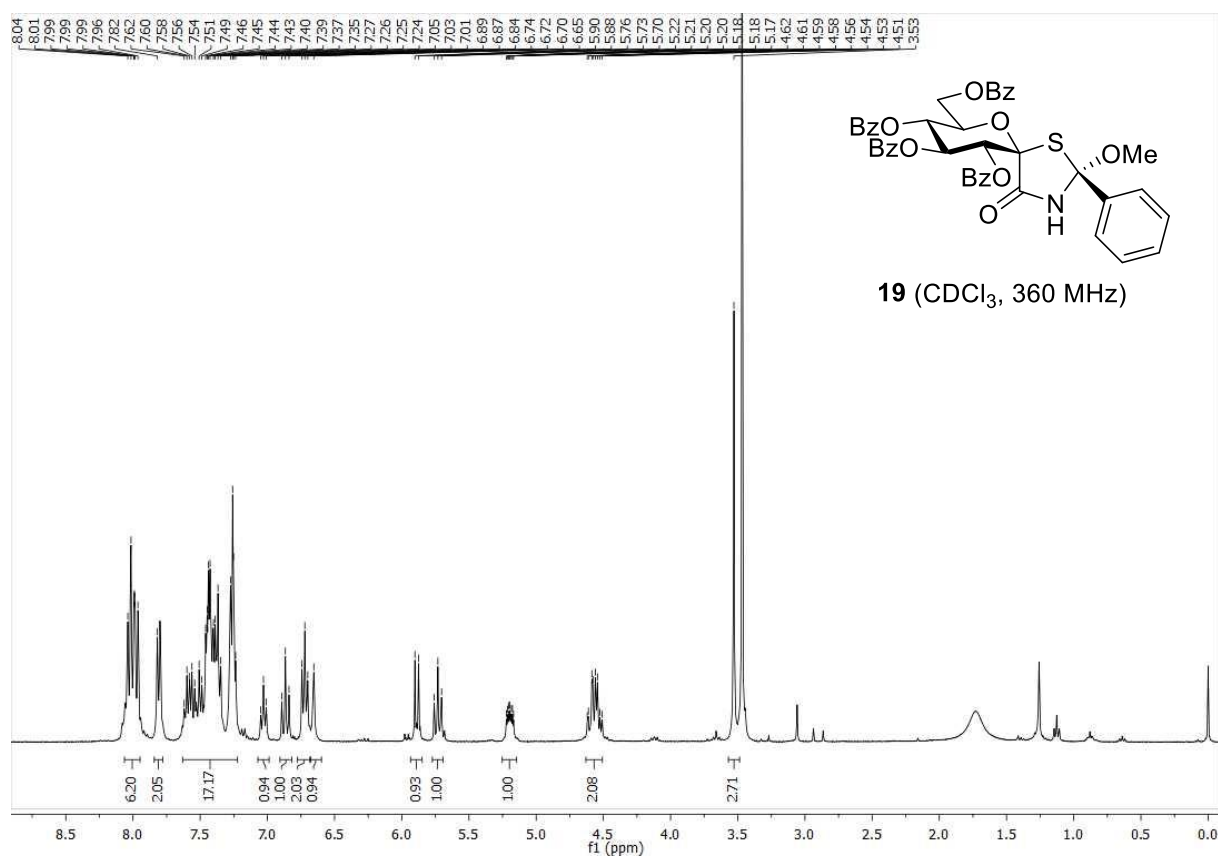


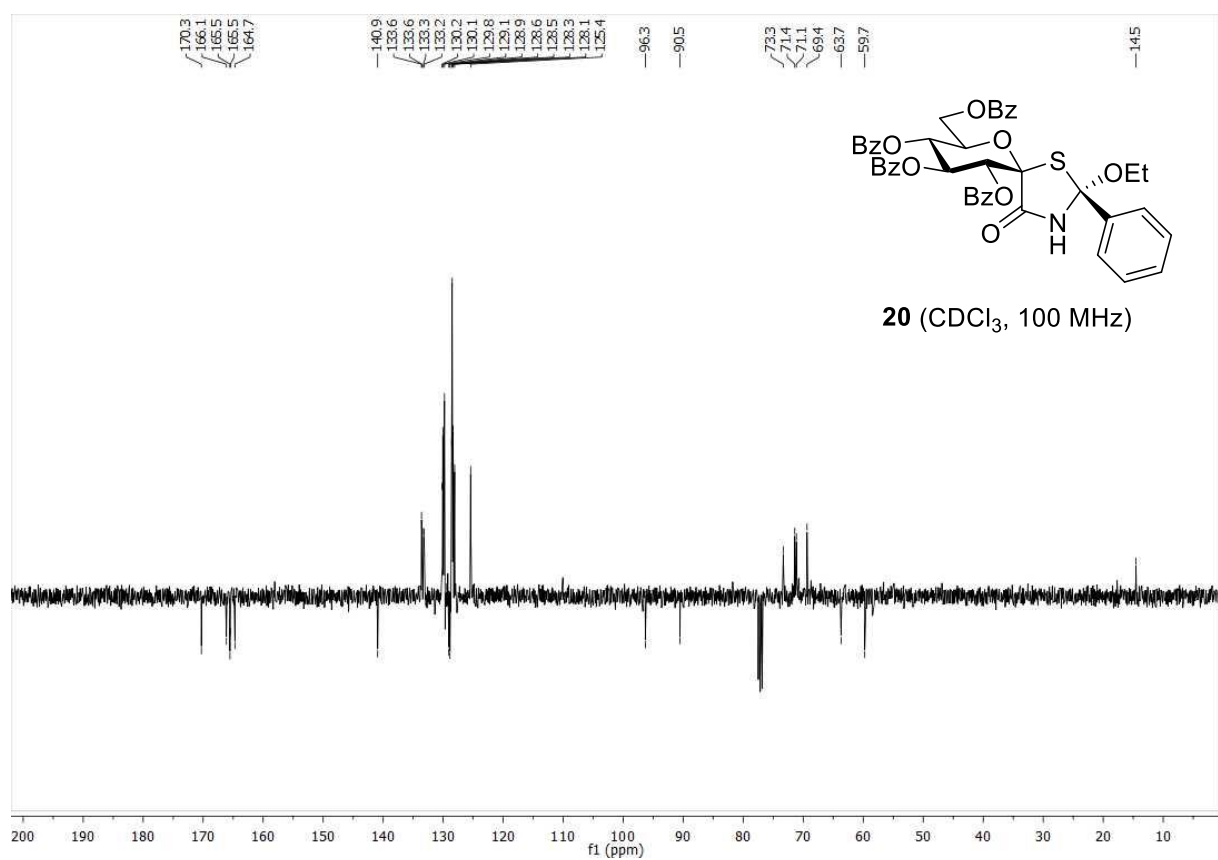
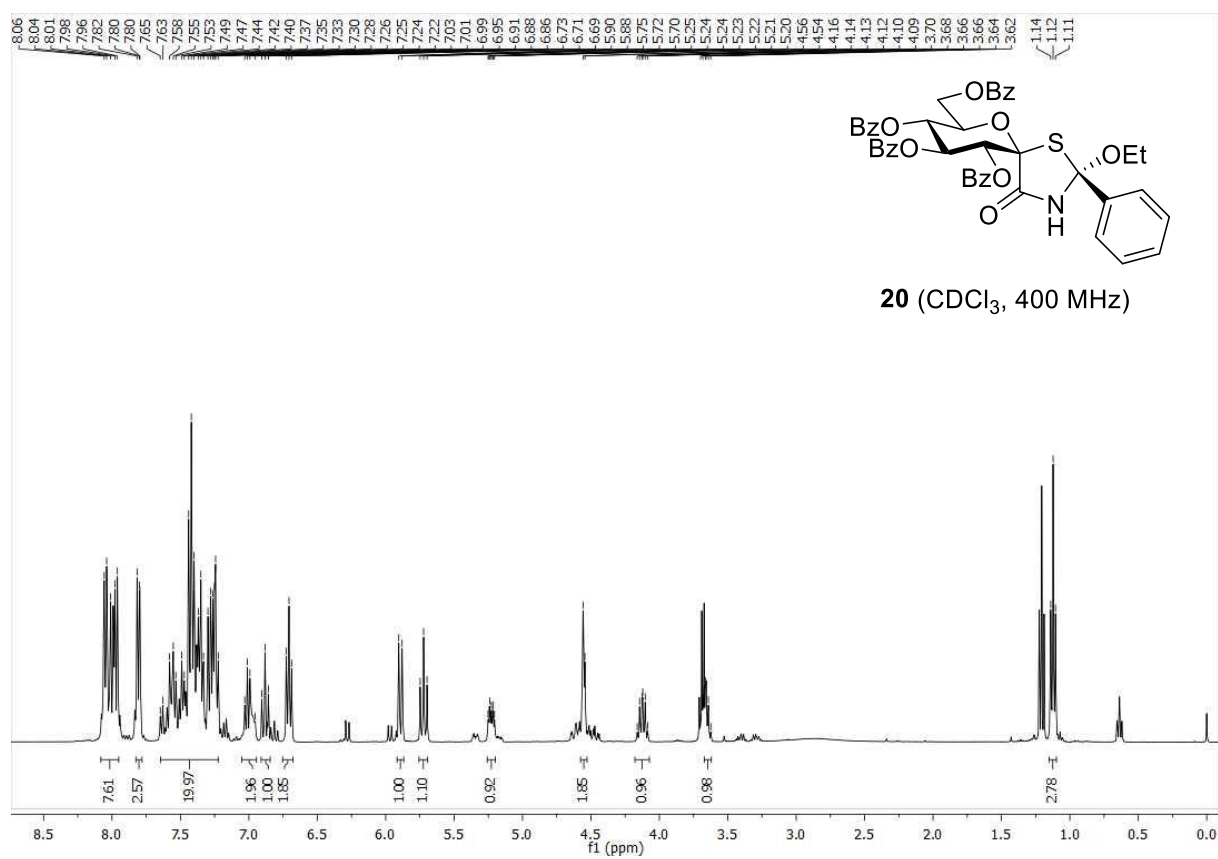


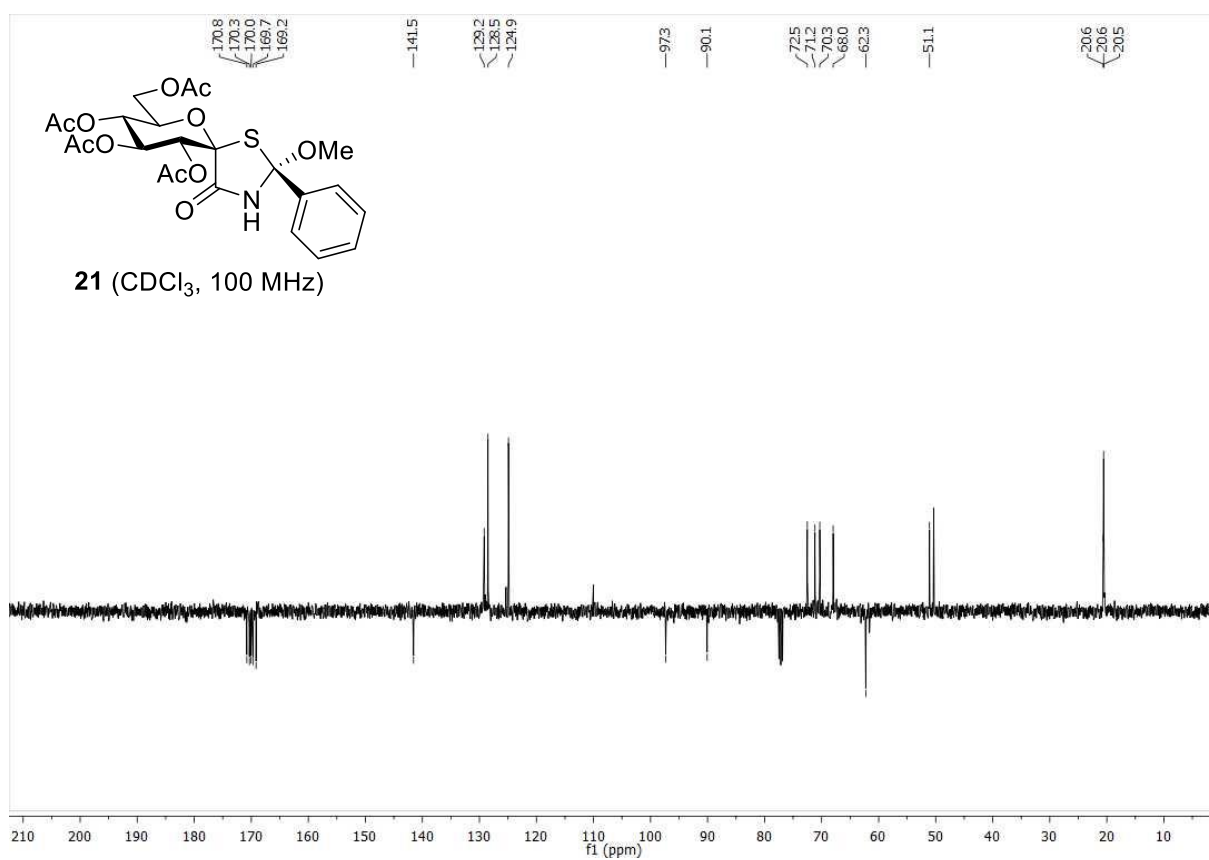
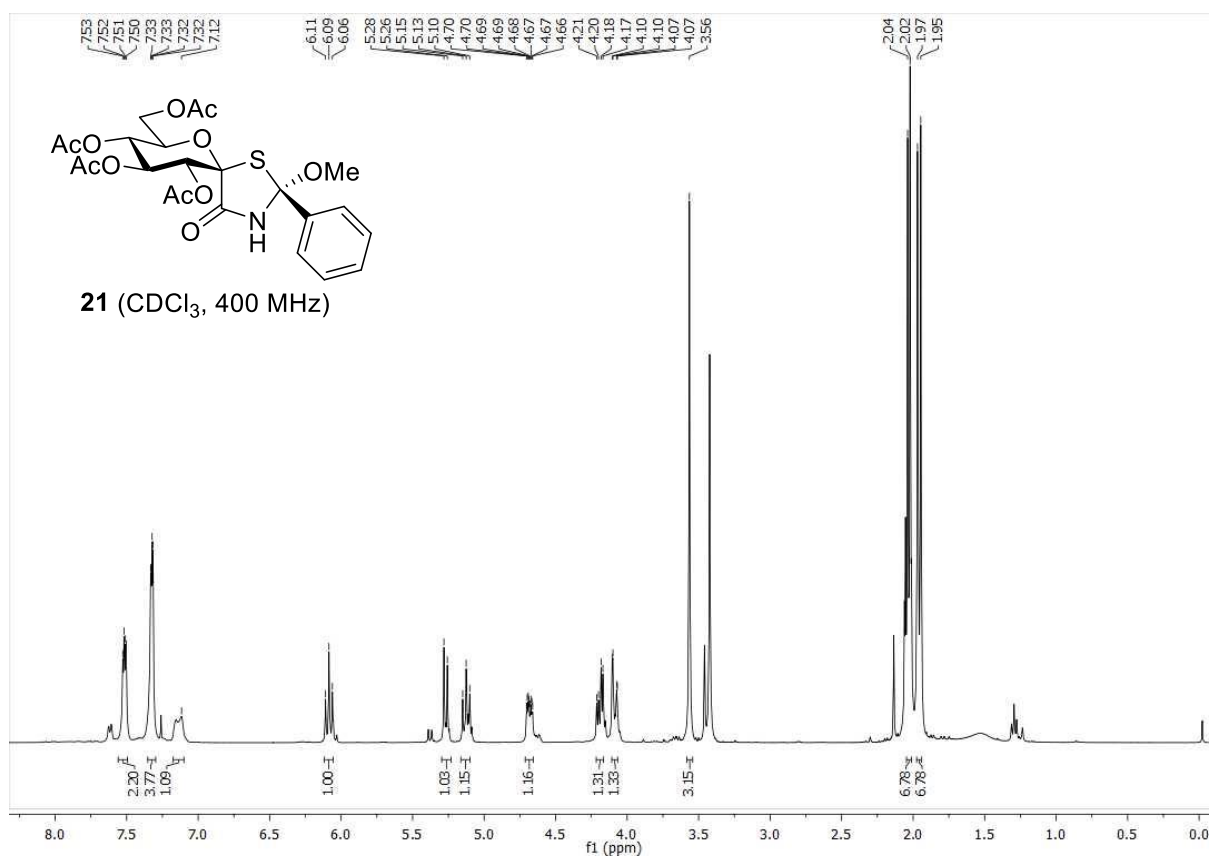


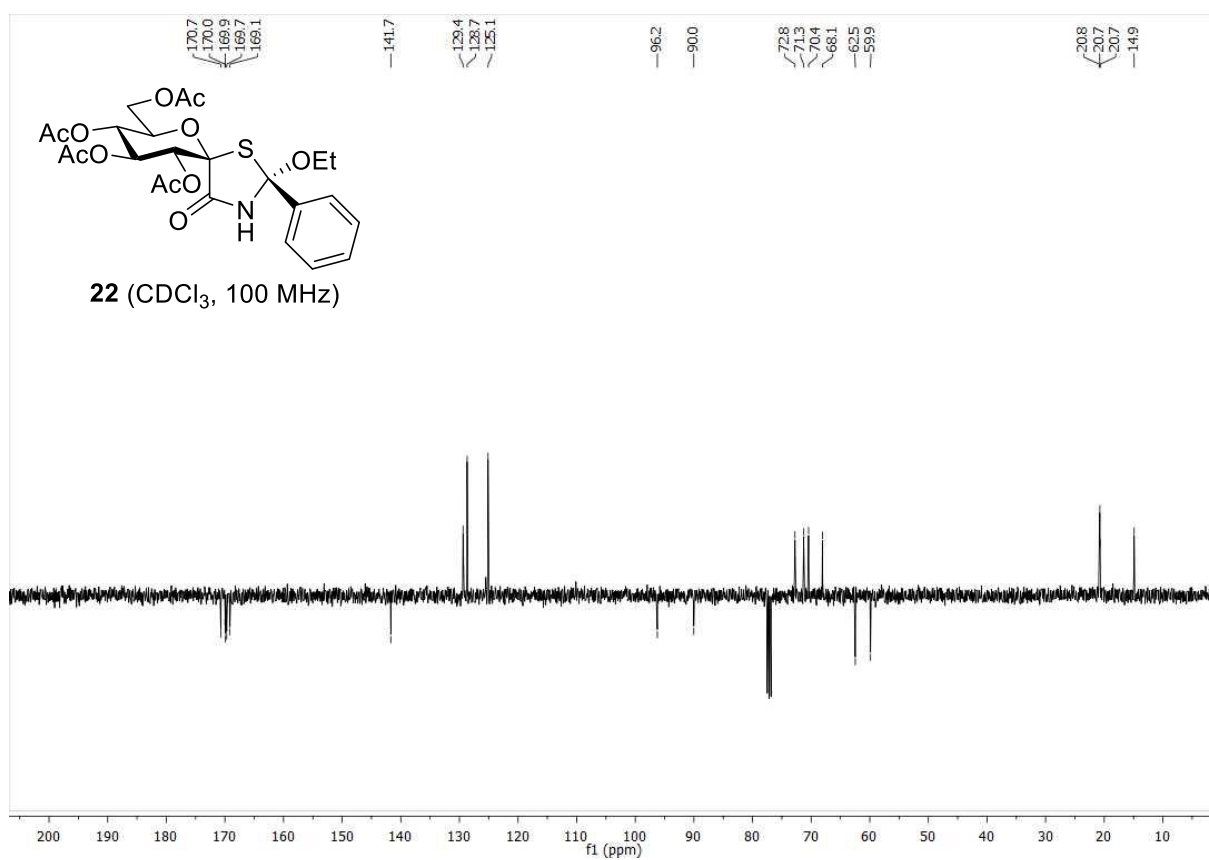
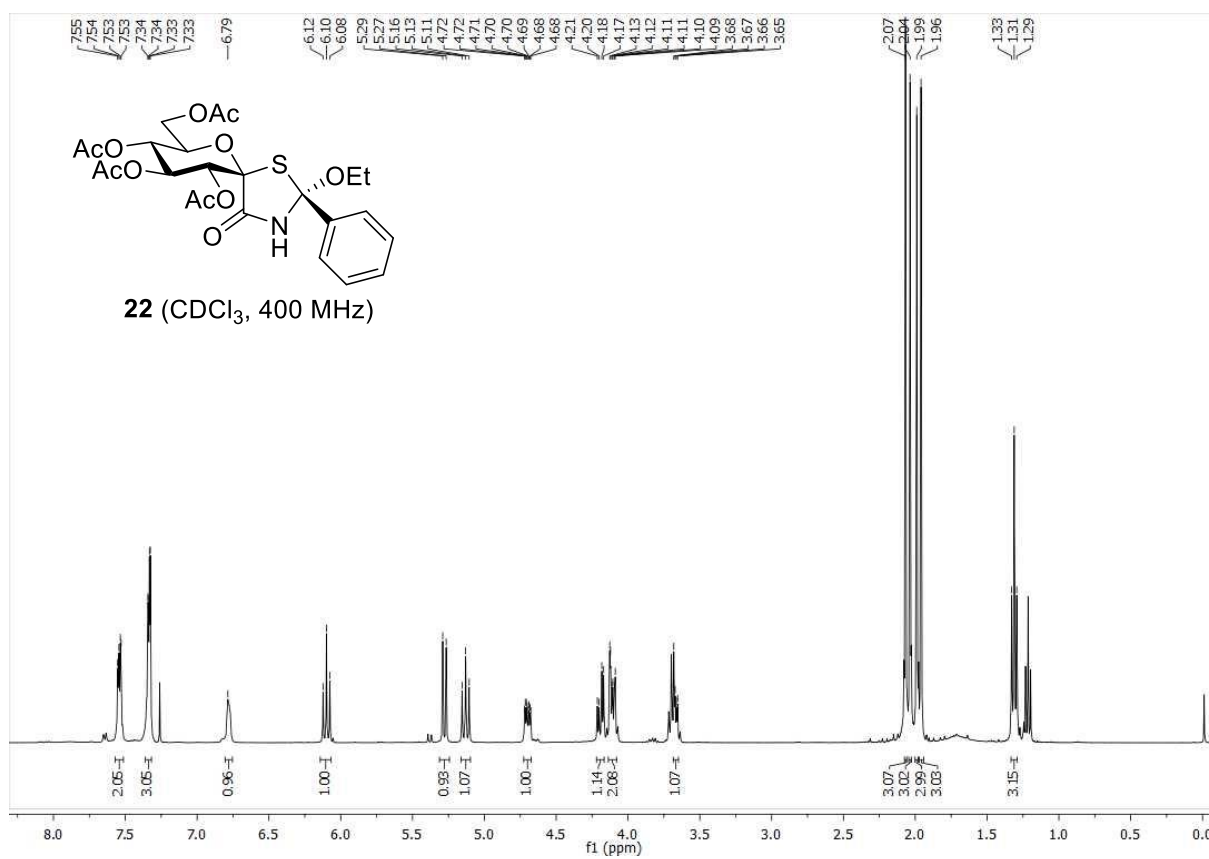


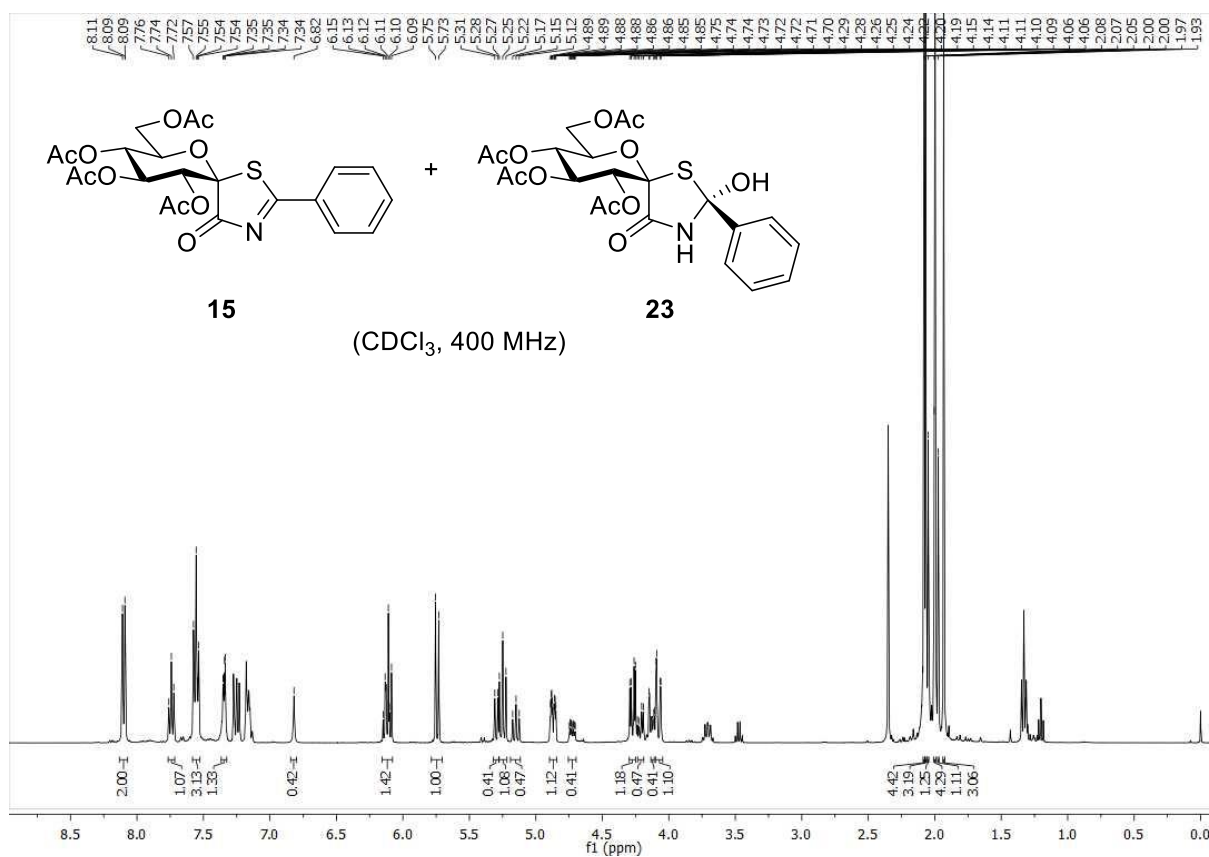


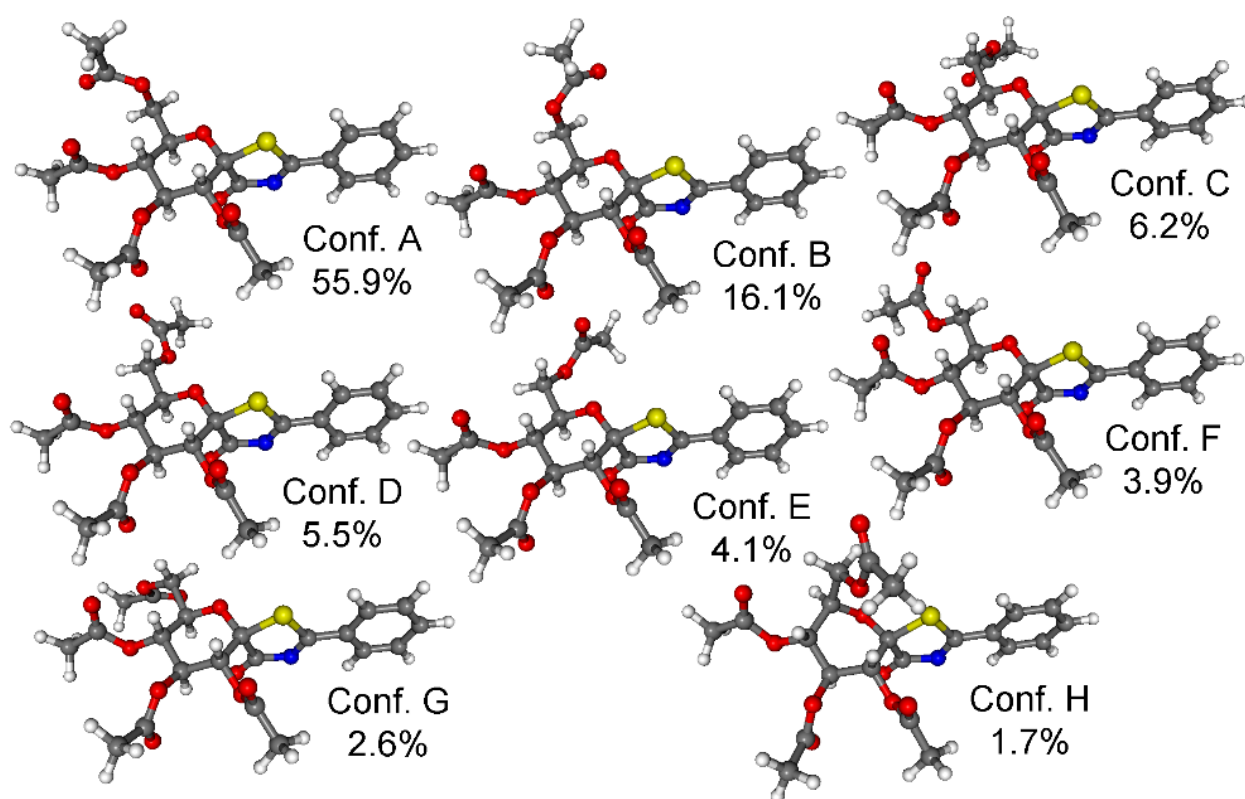




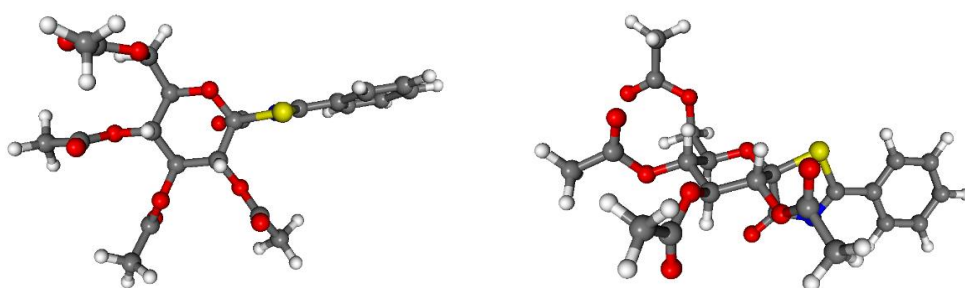








(a)



(b)

Figure S1. (a) Structures and populations of the low-energy ($\geq 1\%$) ω B97XD/TZVP PCM/MeCN conformers of (1'*R*)-**15**; (b) different views of conformer A to show steric hindrance of the C-2 carbon by the 2'-OAc substituent.

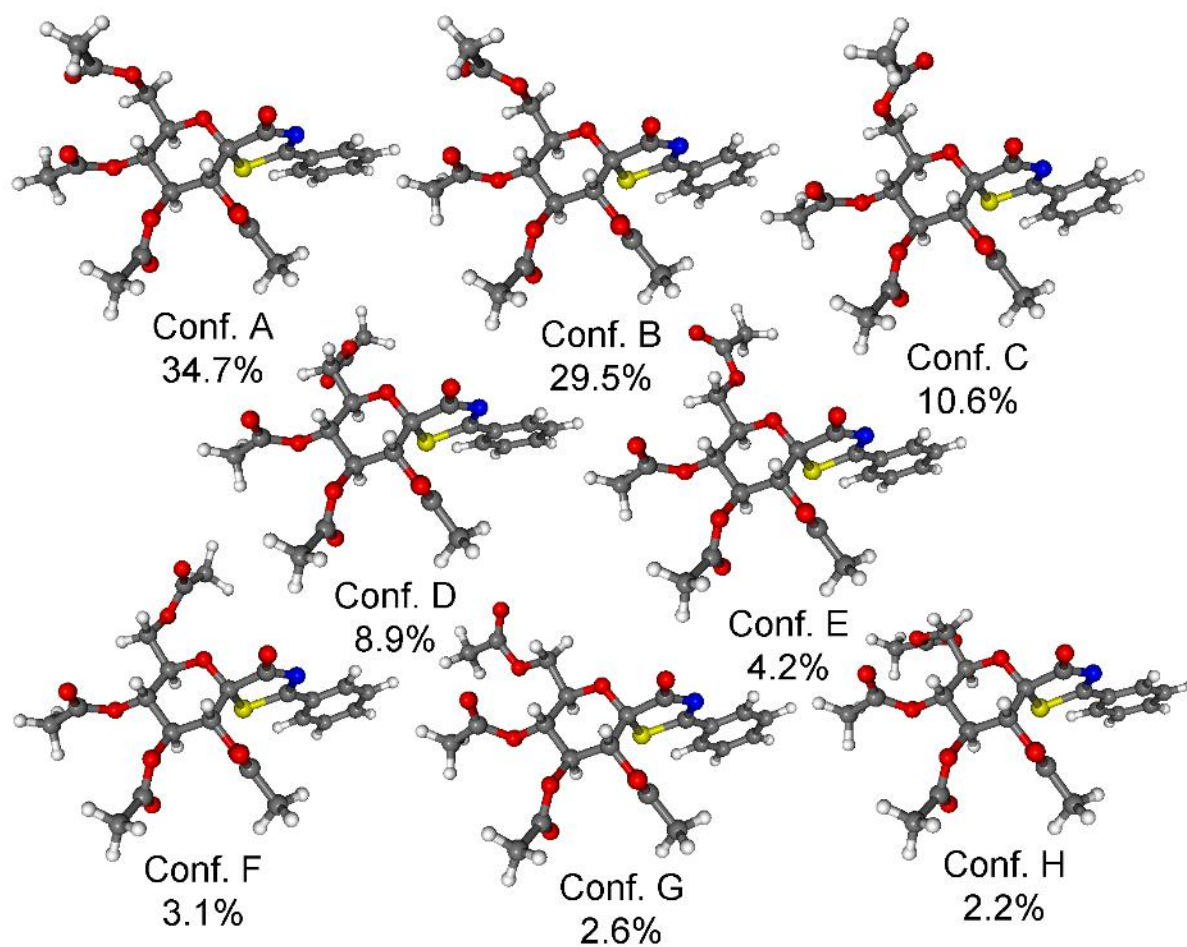


Figure S2. Structures and populations of the low-energy ($\geq 1\%$) ω B97XD/TZVP PCM/MeCN conformers of (1'S)-15.

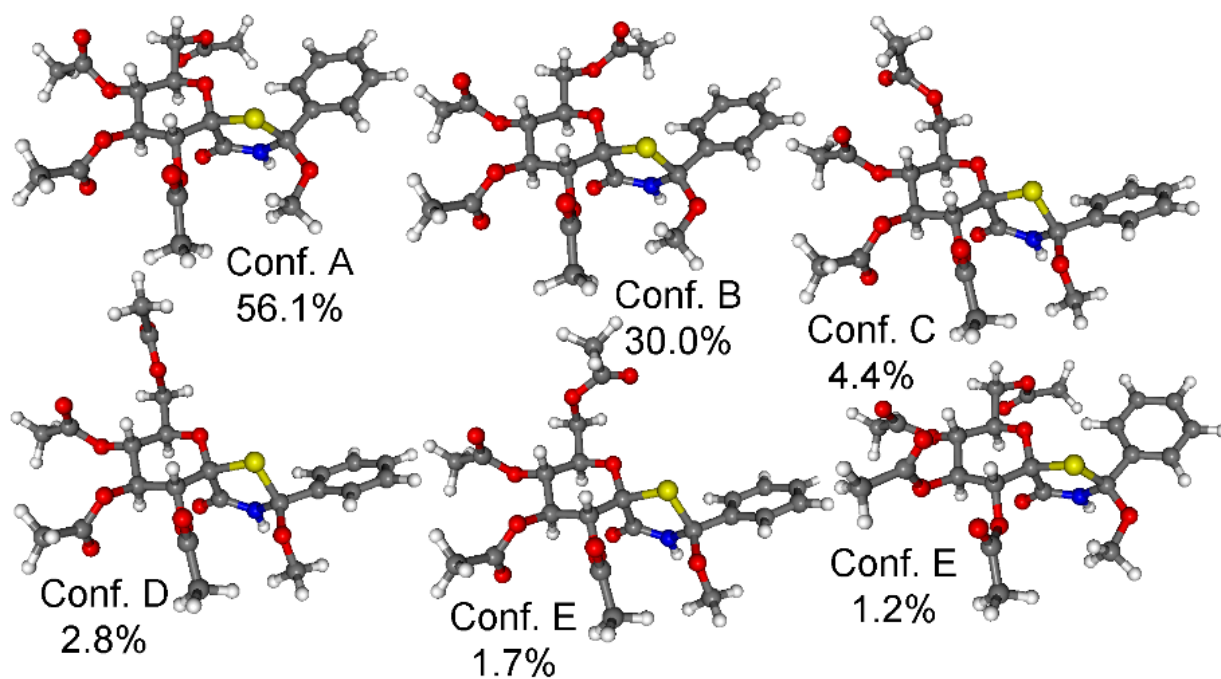


Figure S3. Structures and populations of the low-energy ($\geq 1\%$) ω B97XD/TZVP PCM/MeCN conformers of (2*R*,1'*R*)-**21**.

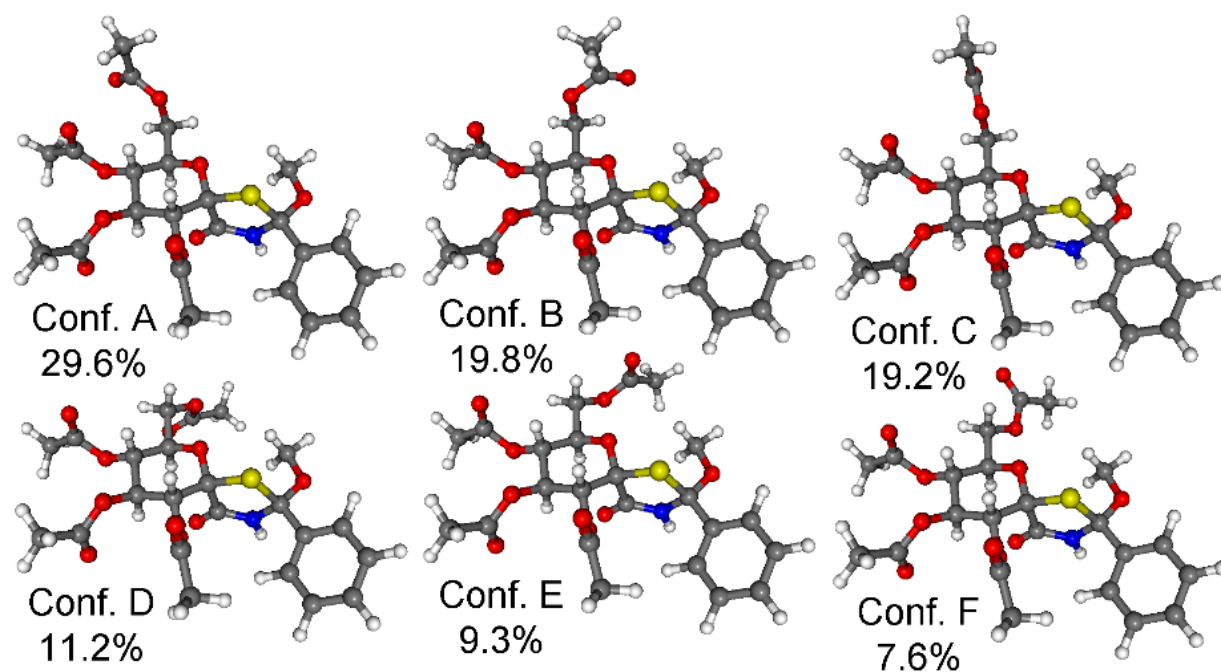


Figure S4. Structures and populations of the low-energy ($\geq 1\%$) ω B97XD/TZVP PCM/MeCN conformers of (2*S*,1'*R*)-**21**.