

By achieving these objectives, this work aims to make a significant contribution to the field of green chemistry, promoting more sustainable and environmentally friendly chemical processes.

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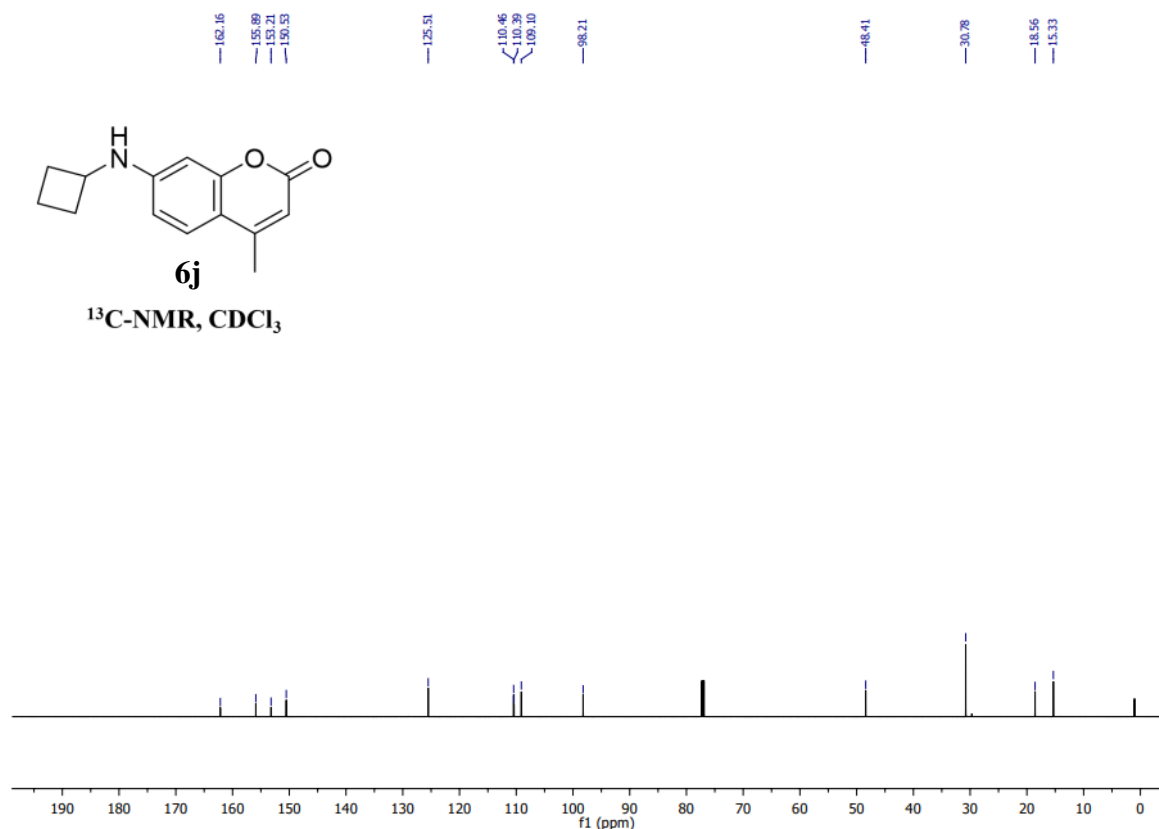
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