

1 **Design, synthesis, in silico, and in vitro evaluation of benzylbenzimidazolones derivatives as**
2 **potential drugs on α -glucosidase and glucokinase as therapeutic targets**

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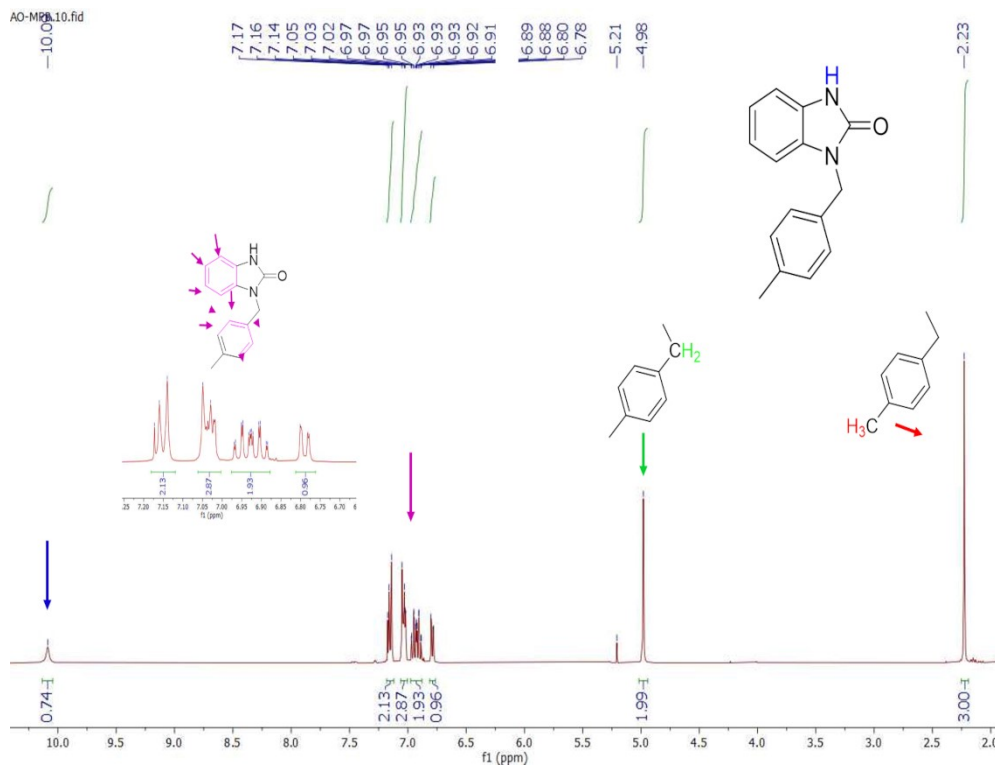


Figure 1S. ^1H NMR spectrum of compound 2k

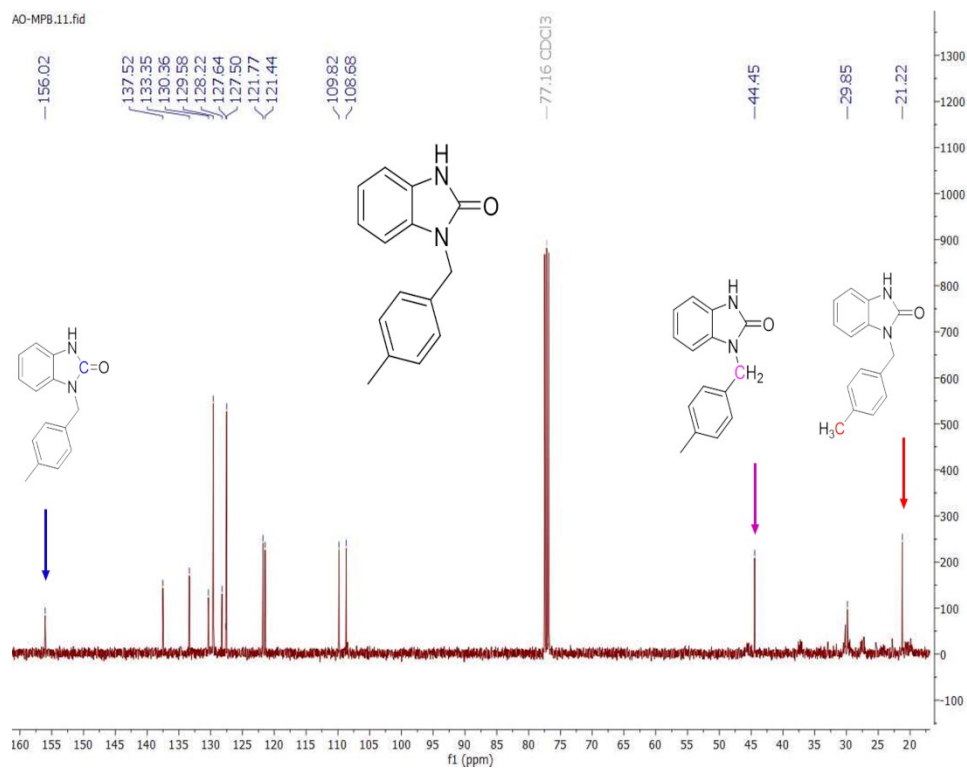


Figure 2S. ^{13}C NMR spectrum of compound 2k

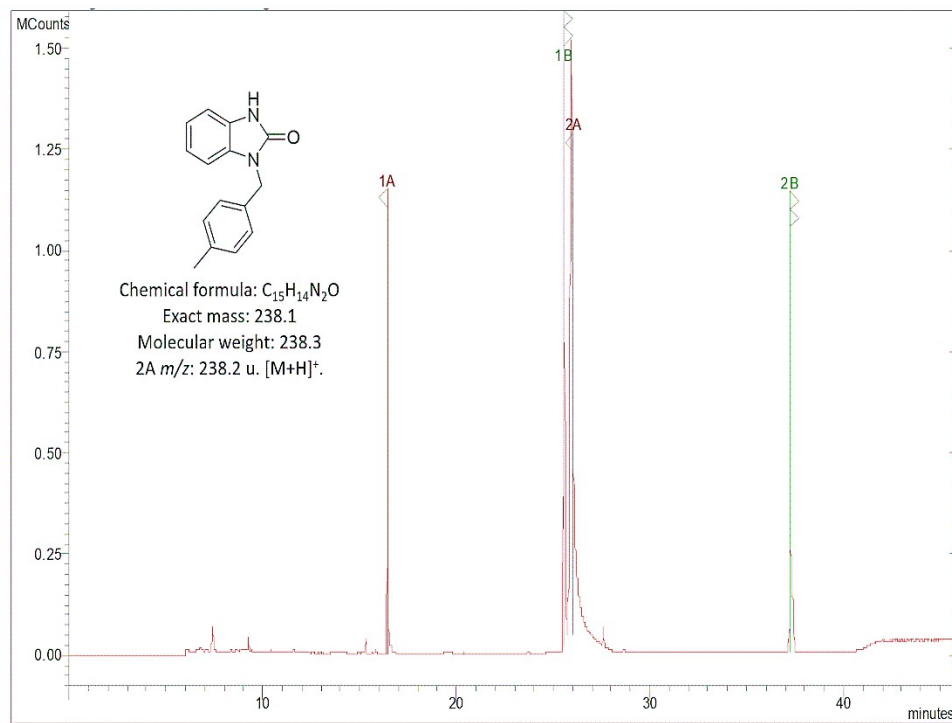


Figure 3S. GC-MS of compound **2k**

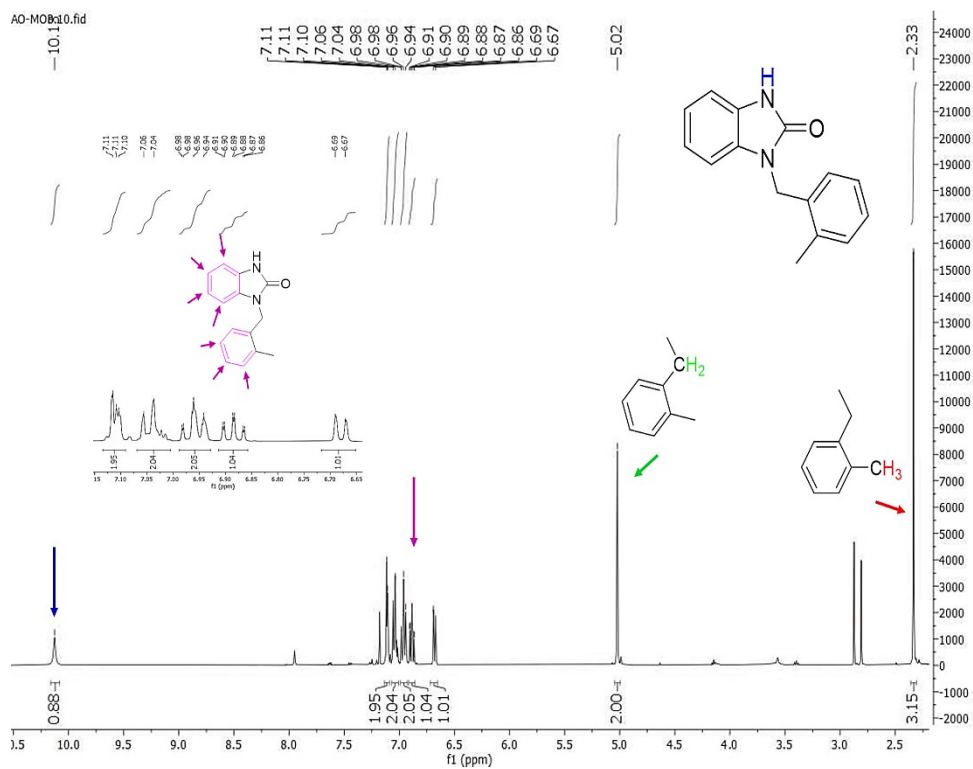


Figure 4S. 1H NMR spectrum of compound **2m**

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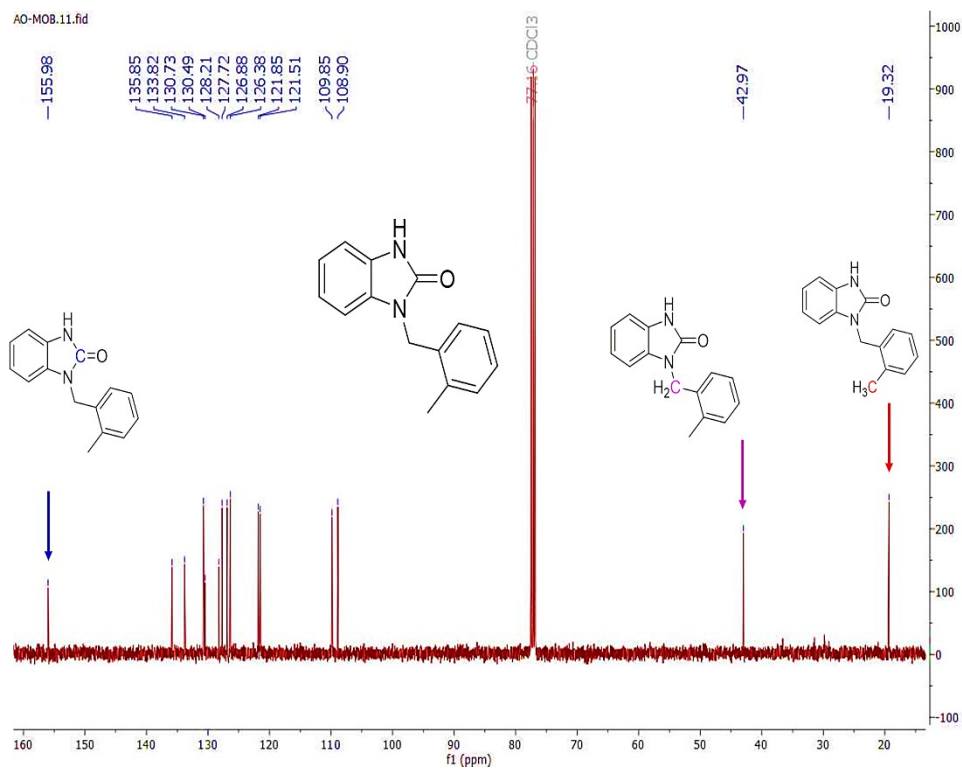


Figure 5S. ^{13}C NMR spectrum of compound **2m**

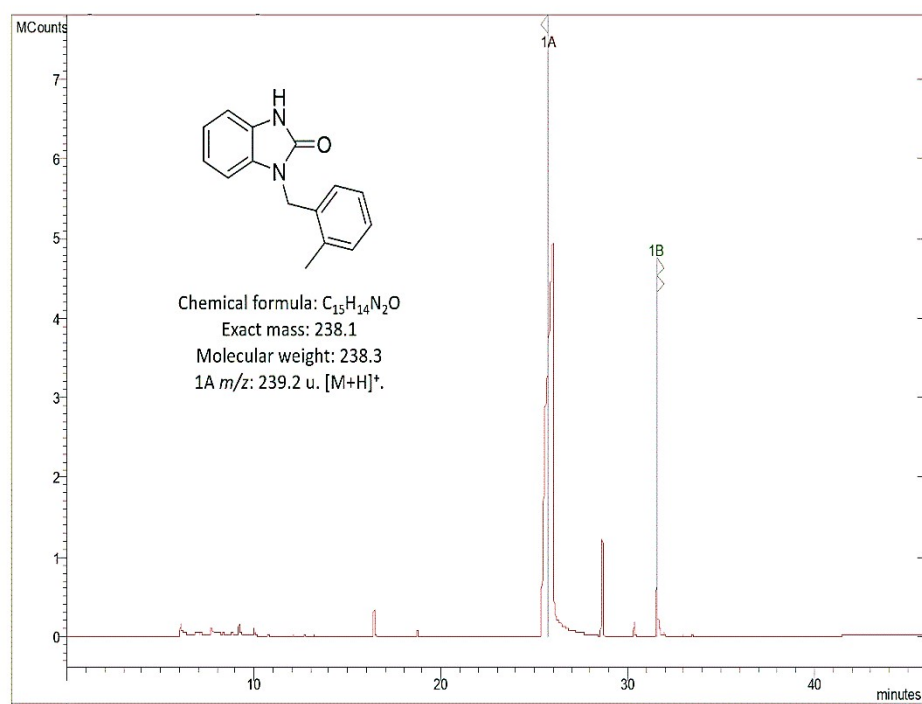


Figure 6S. GC-MS of compound **2m**

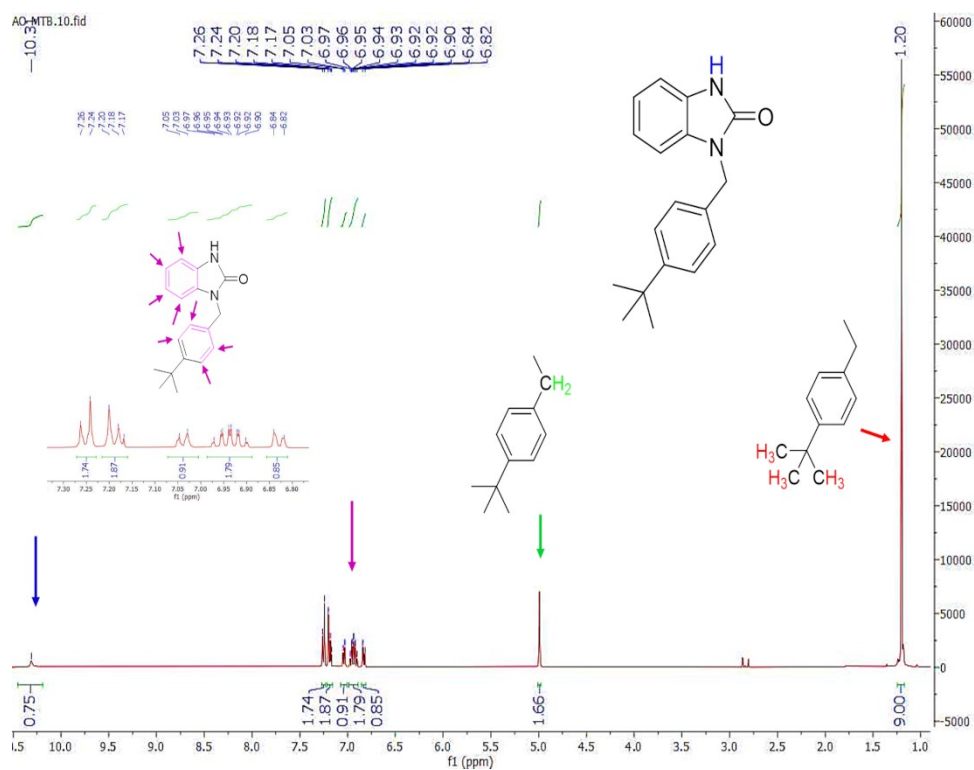


Figure 7S. ^1H NMR spectrum of compound 2r

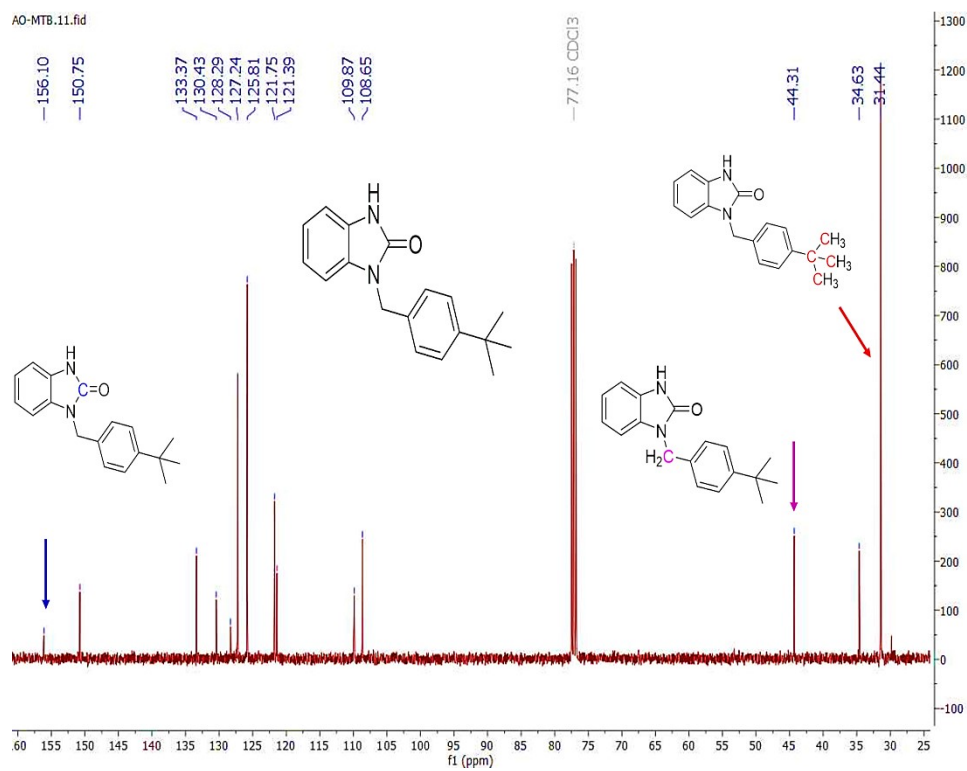


Figure 8S. ^{13}C NMR spectrum of compound 2r

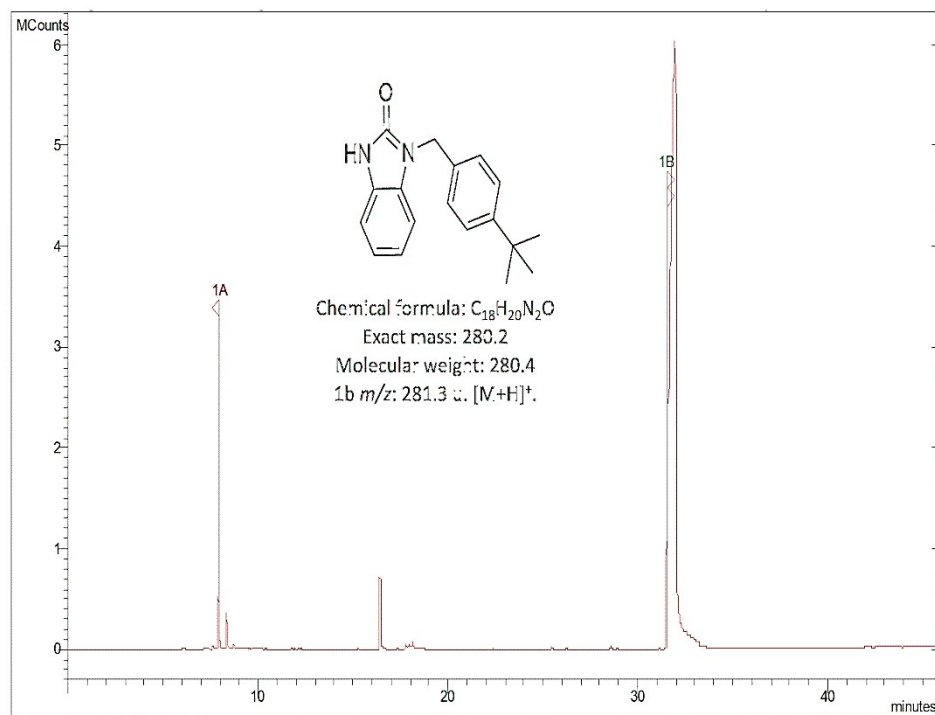


Figure 9S. GC-MS of compound 2r

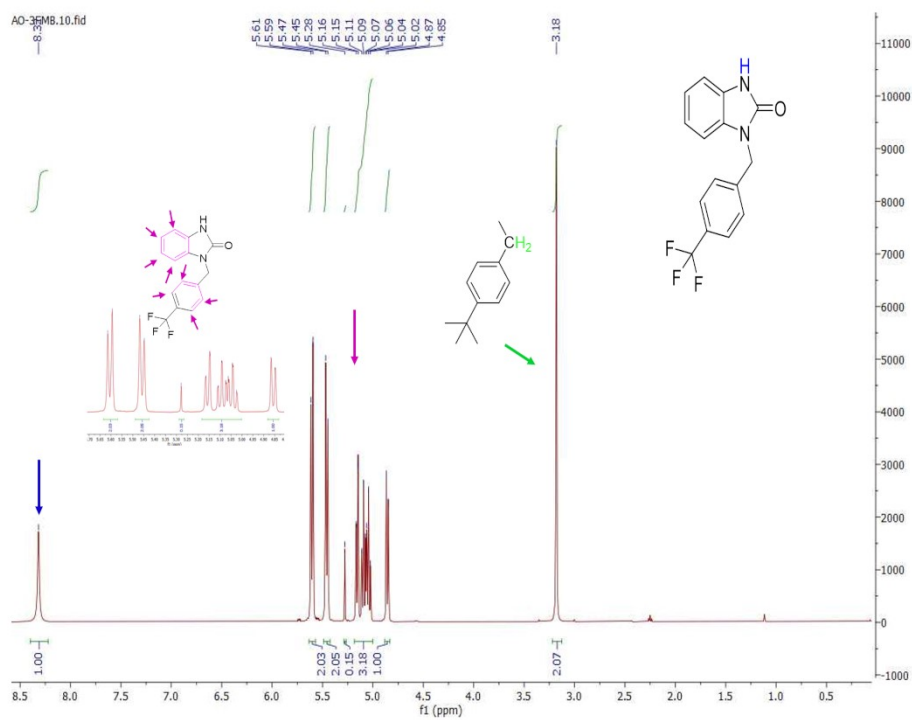


Figure 10S. 1H NMR spectrum of compound 2s

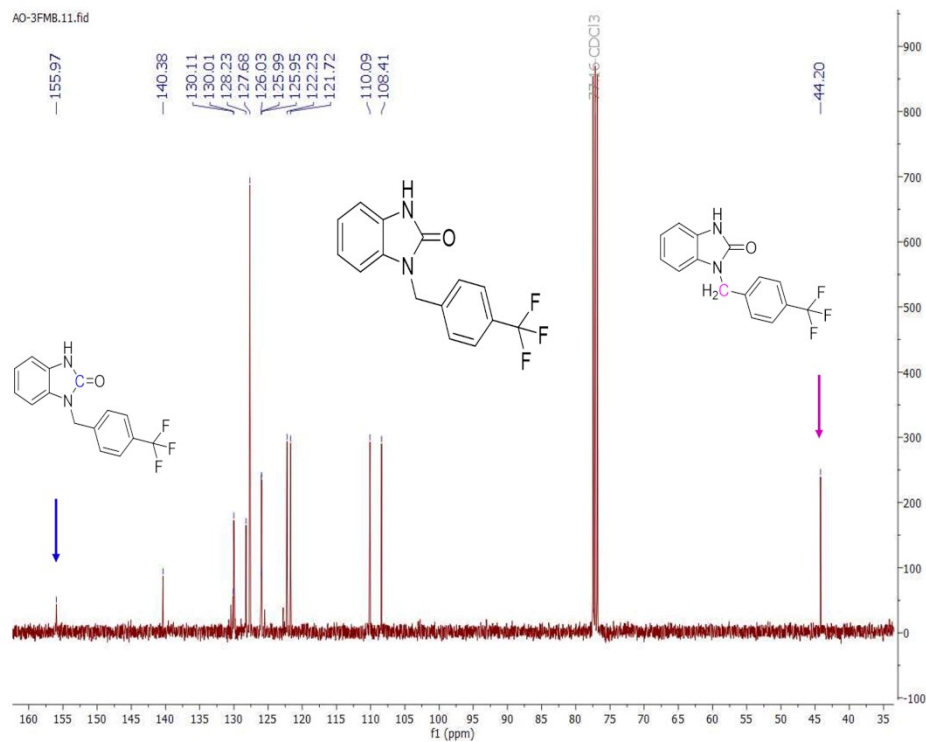


Figure 11S. ¹³C NMR spectrum of compound 2s

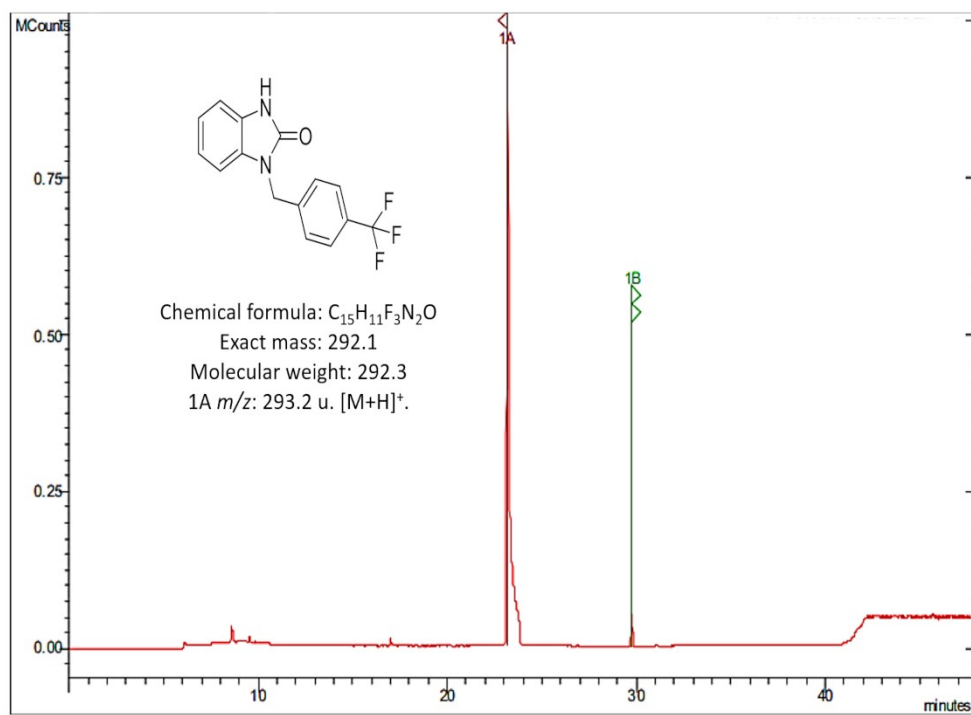


Figure 12S. GC-MS of compound 2s