

Supplementary Material

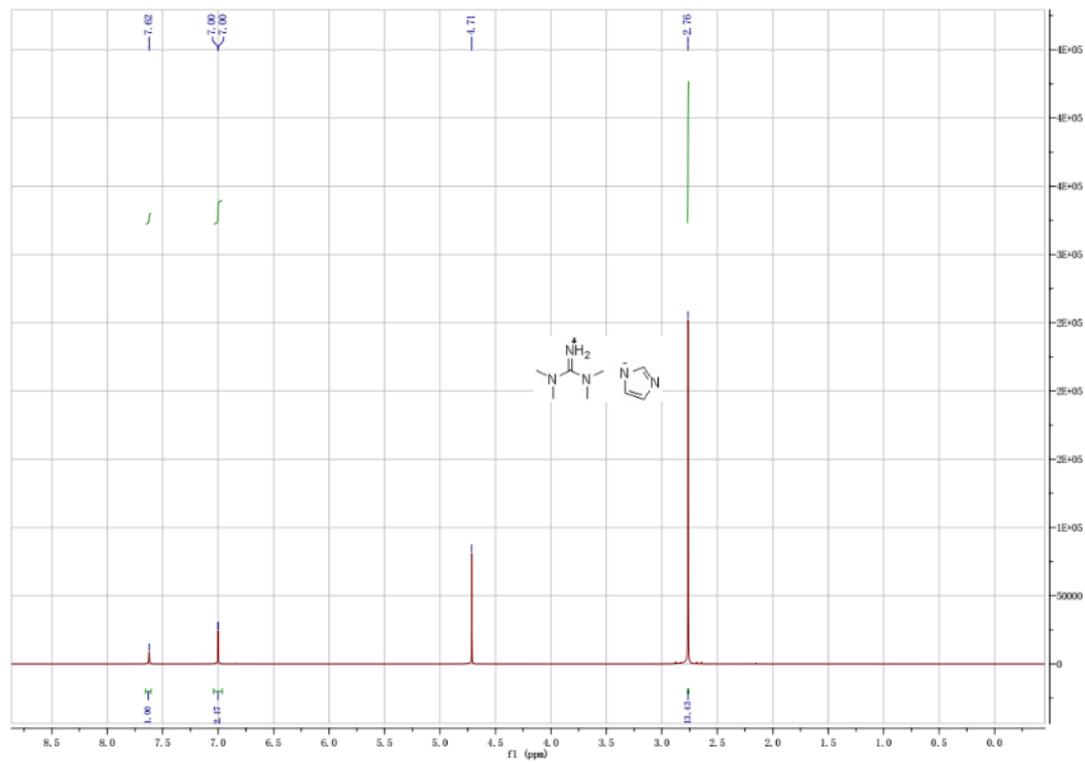
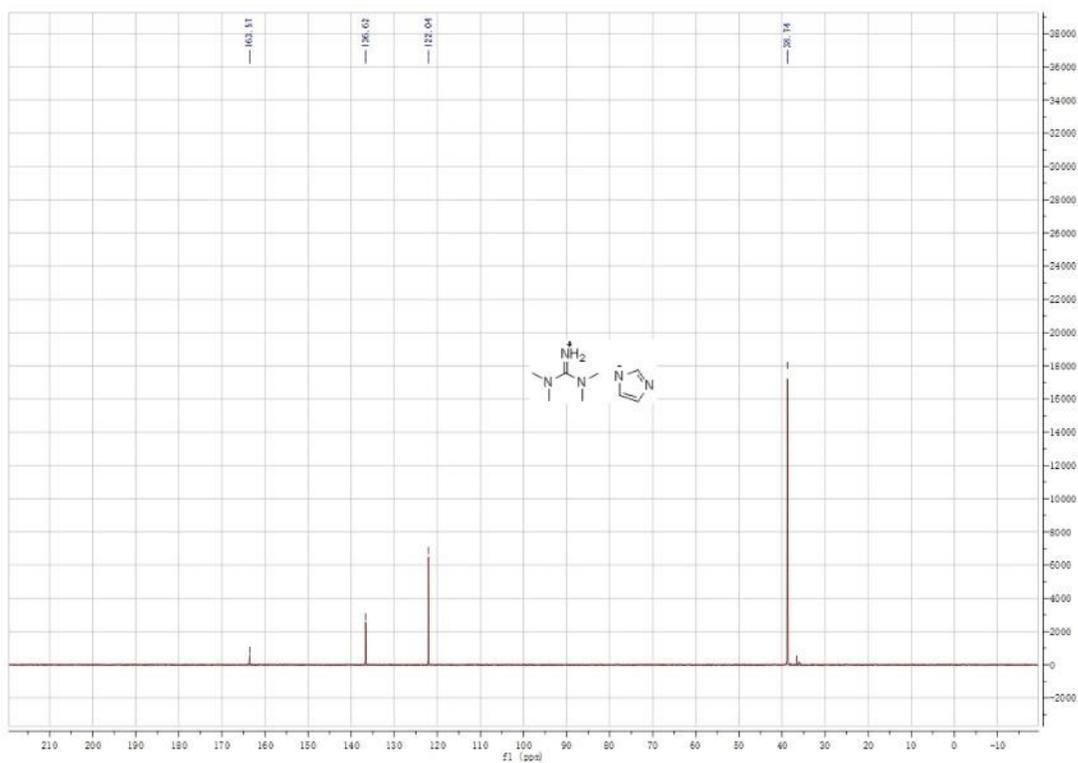
Substituent effects on the reactivity of 2-aminobenzonitriles with carbon dioxide in ionic liquids

Rui Zhang, Yi-Qian Tong, Lan Ling, and Qi Feng *

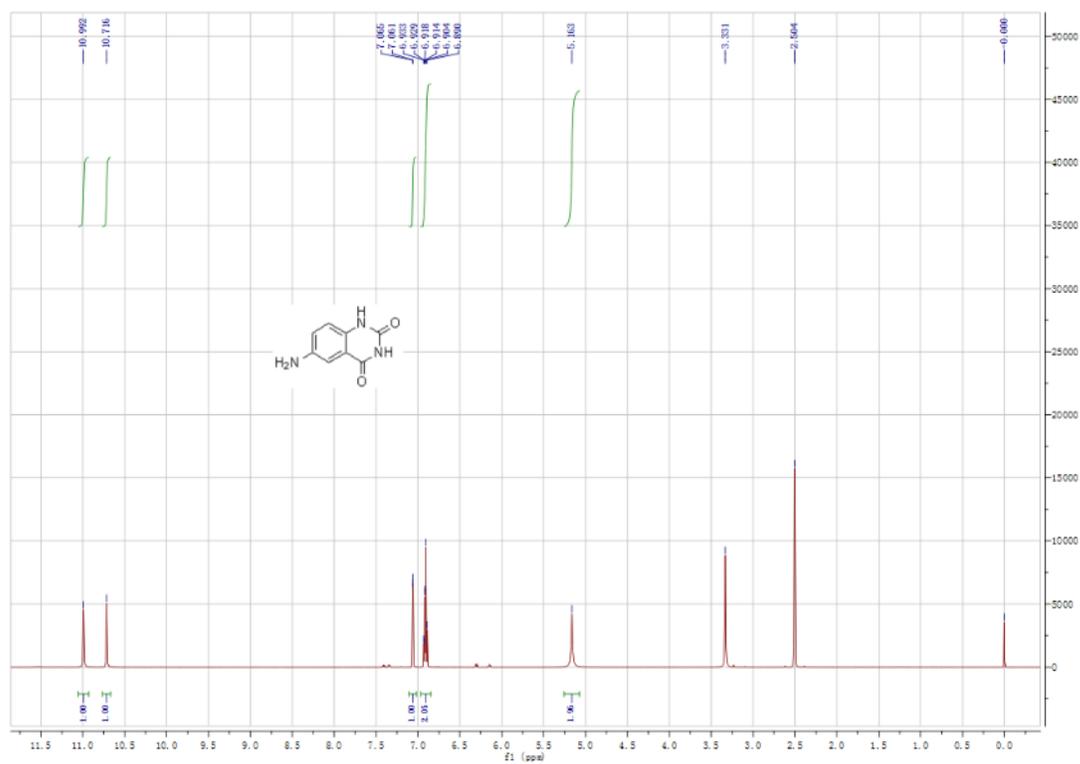
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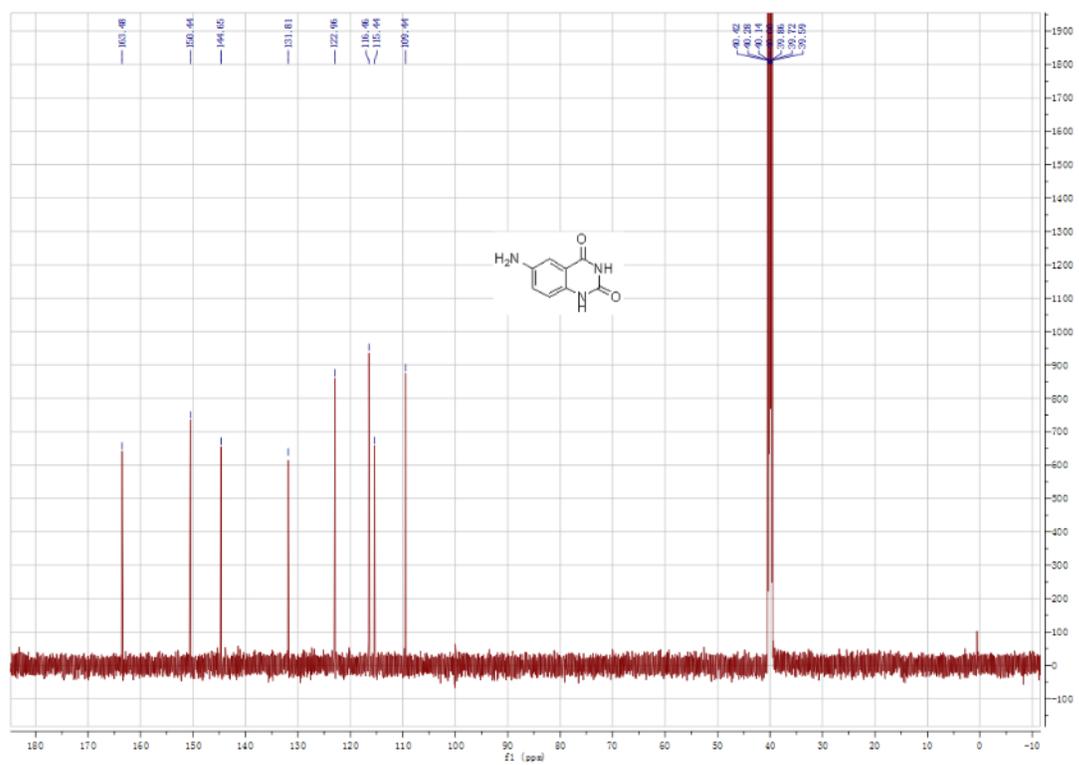
^1H , ^{13}C NMR and HMBC spectra of compounds 2a-2o and compound 8	S2
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Copies of ^1H NMR, ^{13}C -NMR and HMBC ^1H NMR (600 MHz, D_2O) of [HTMG][Im] ^{13}C NMR (150 MHz, D_2O) of [HTMG][Im]

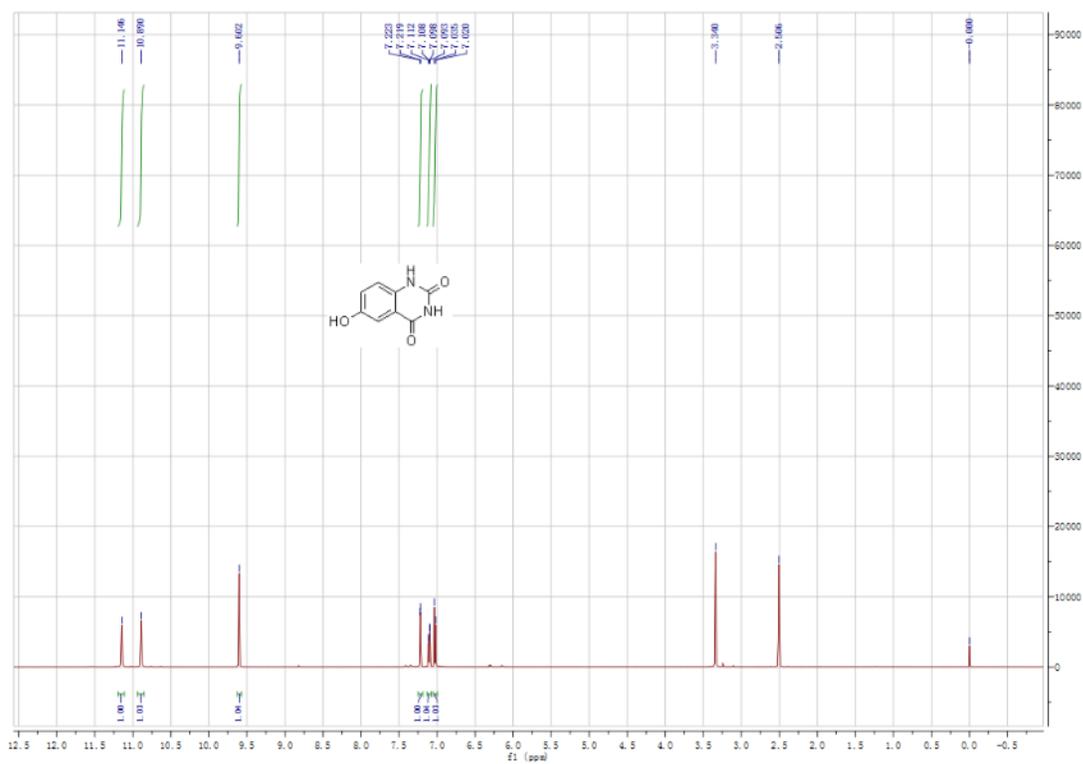
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2a**



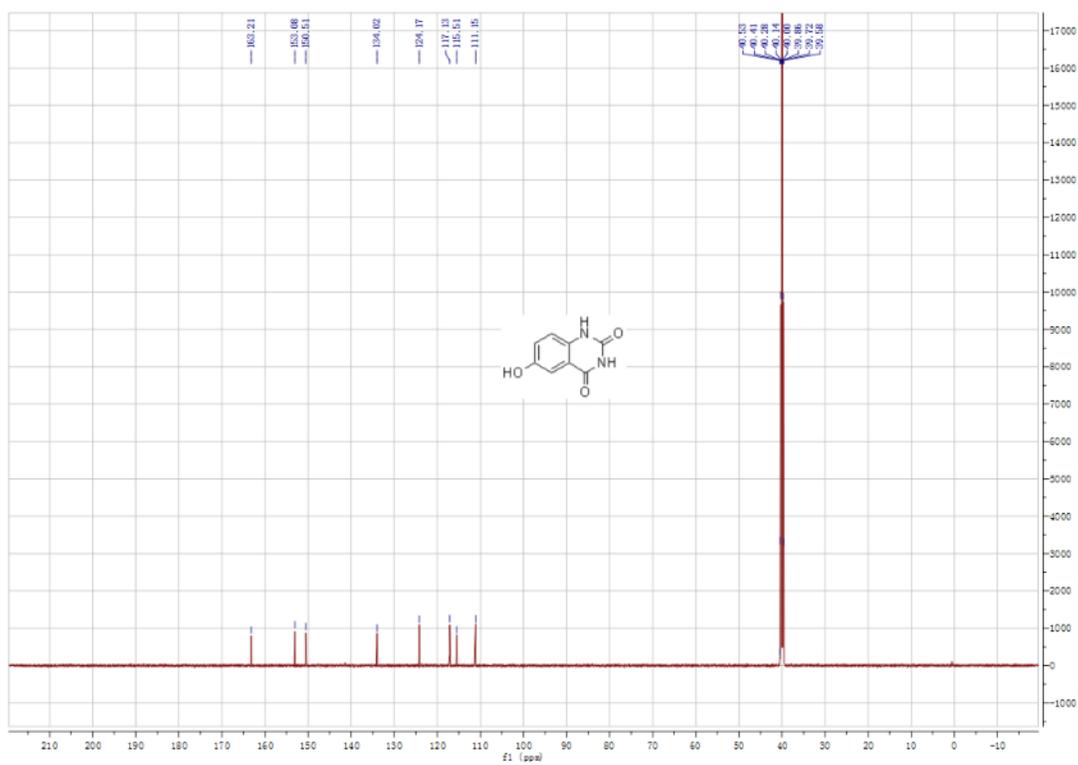
^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2a**

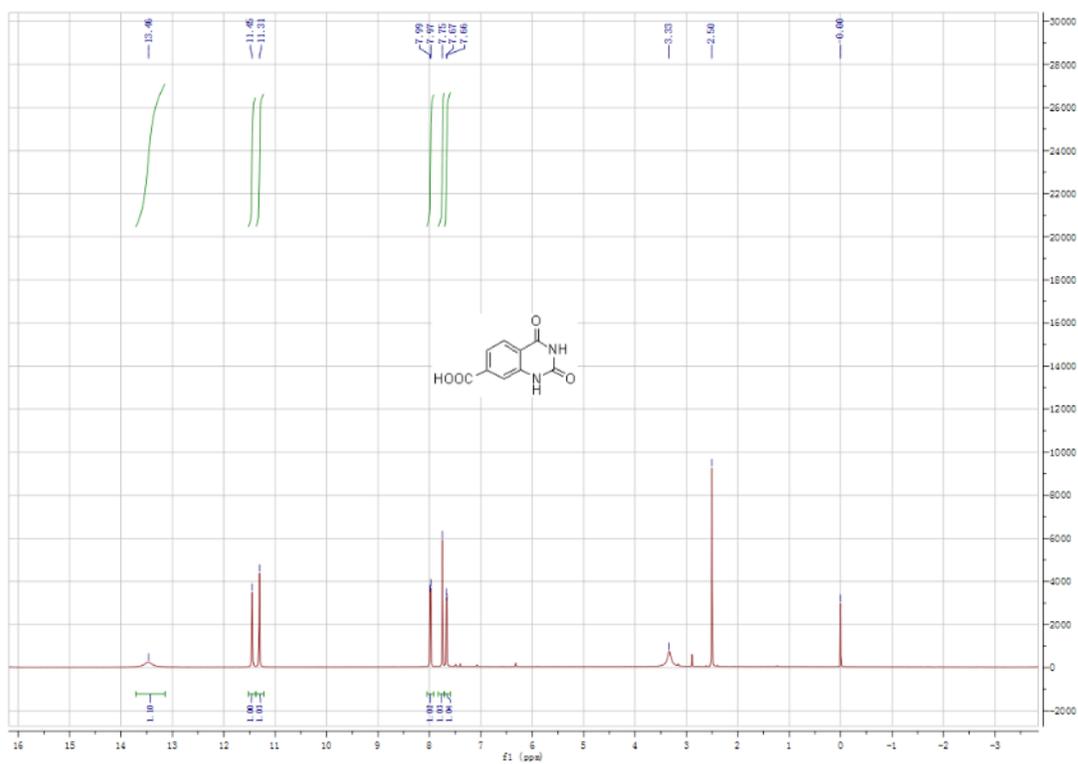
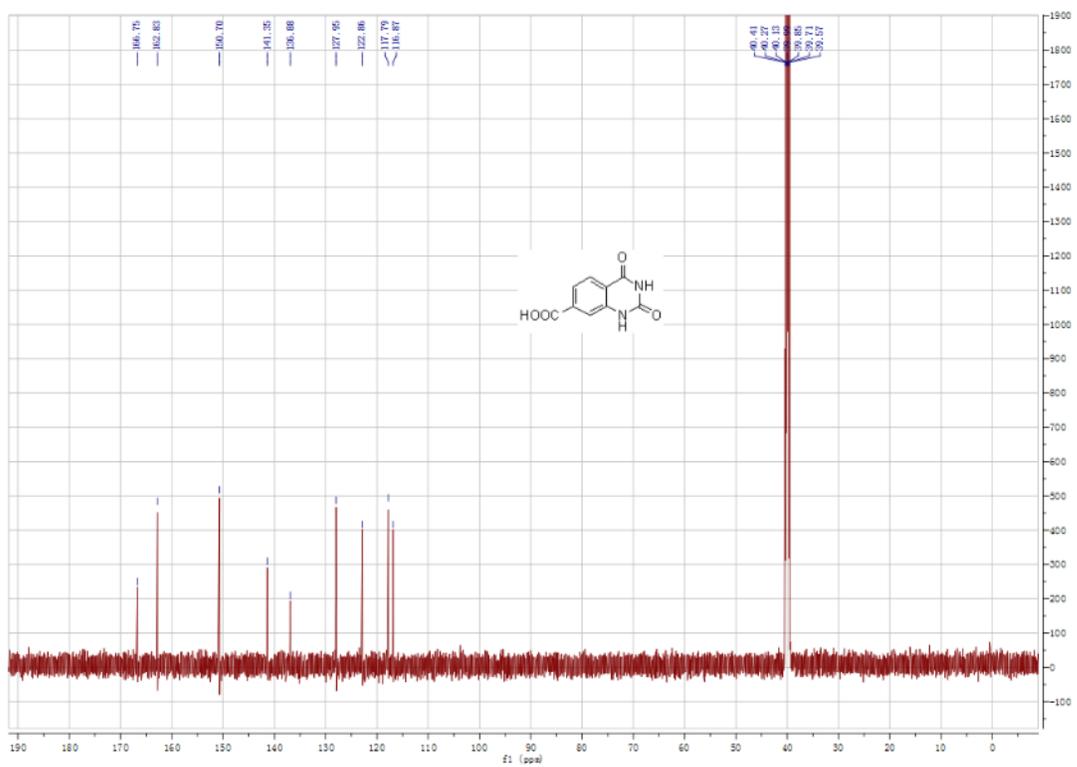


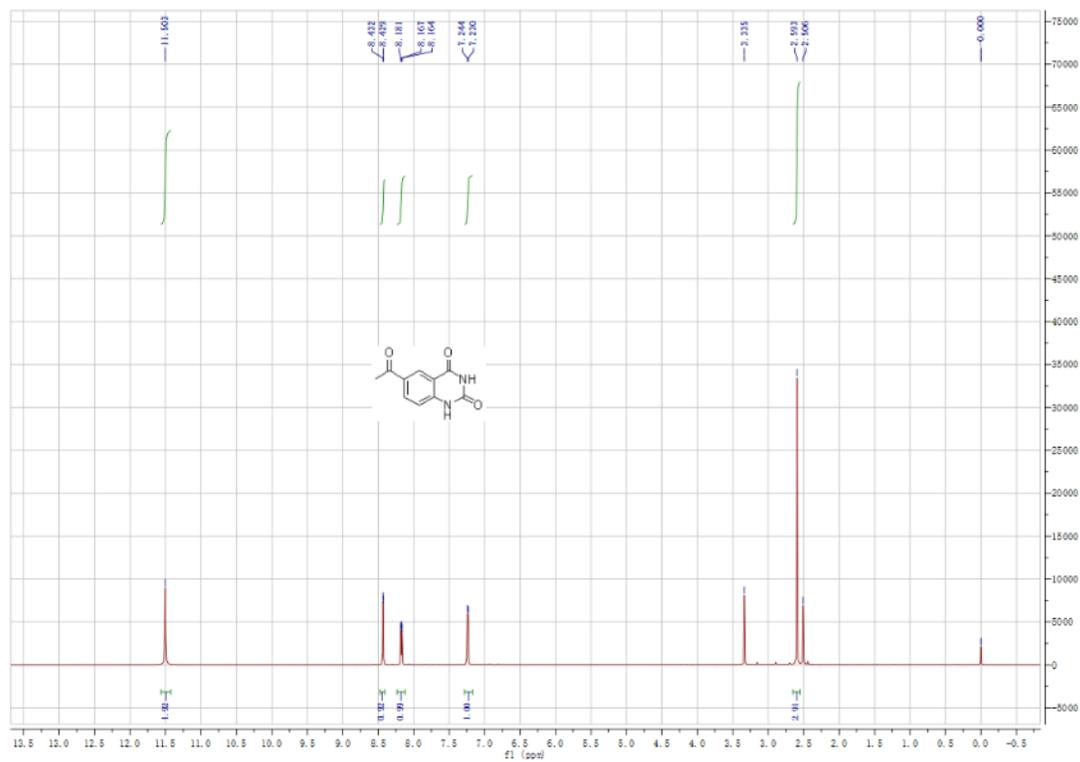
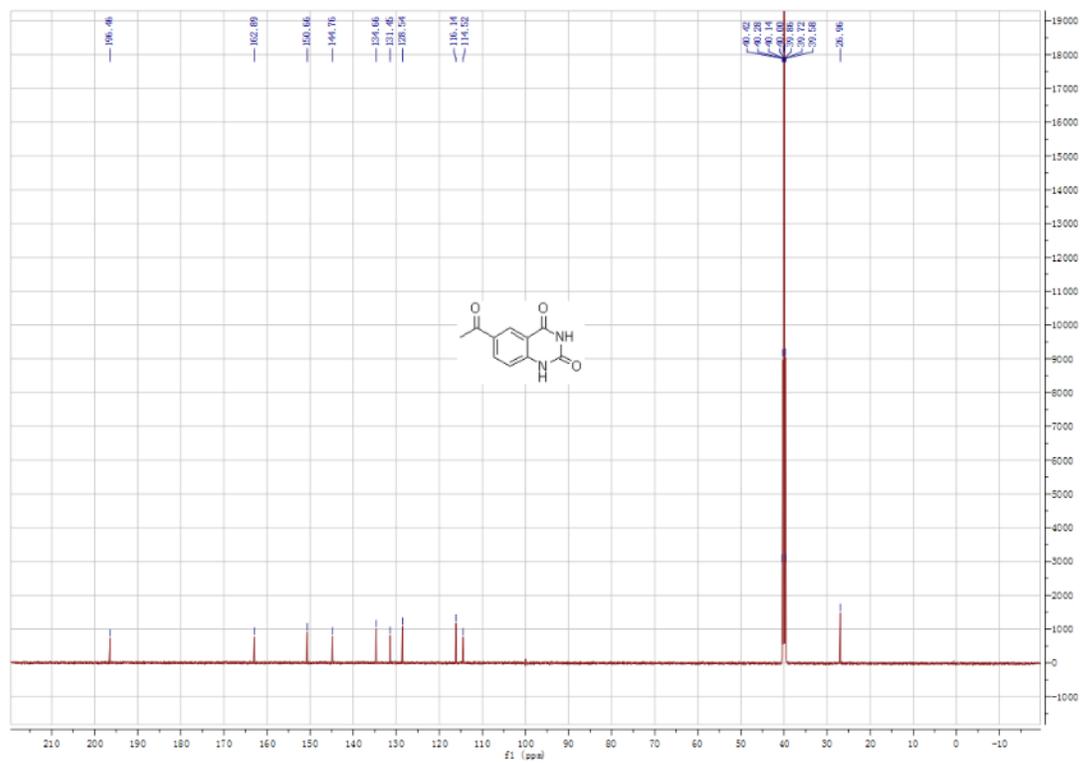
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2b**



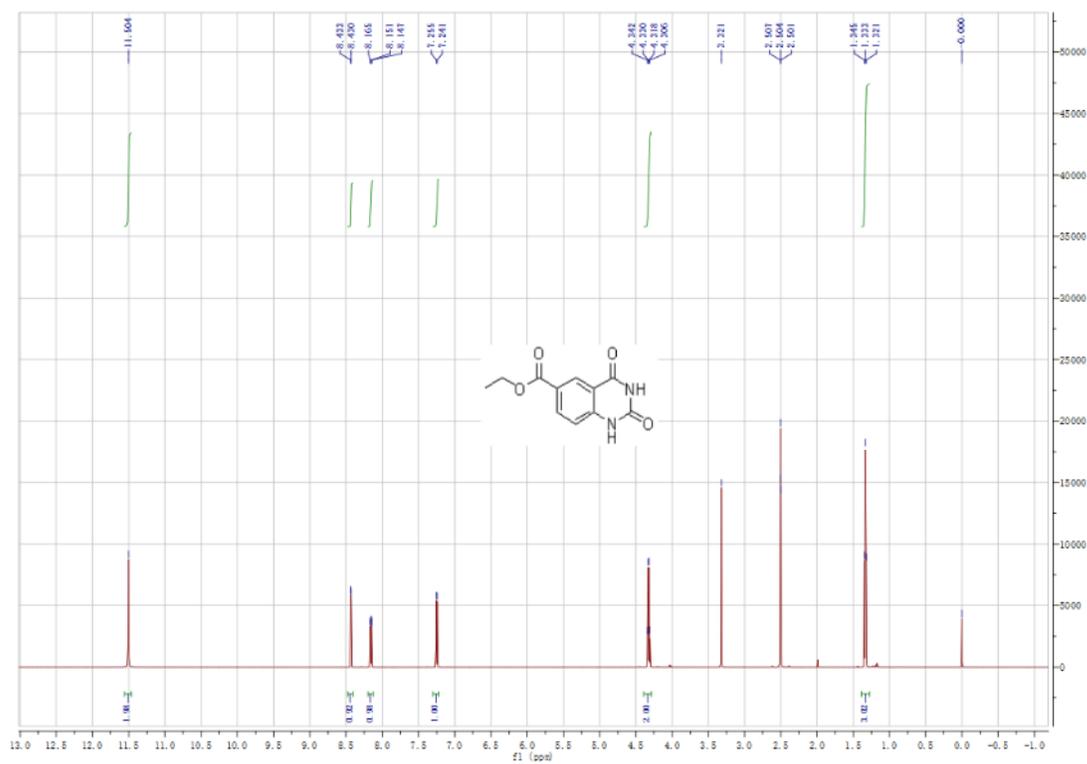
^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2b**



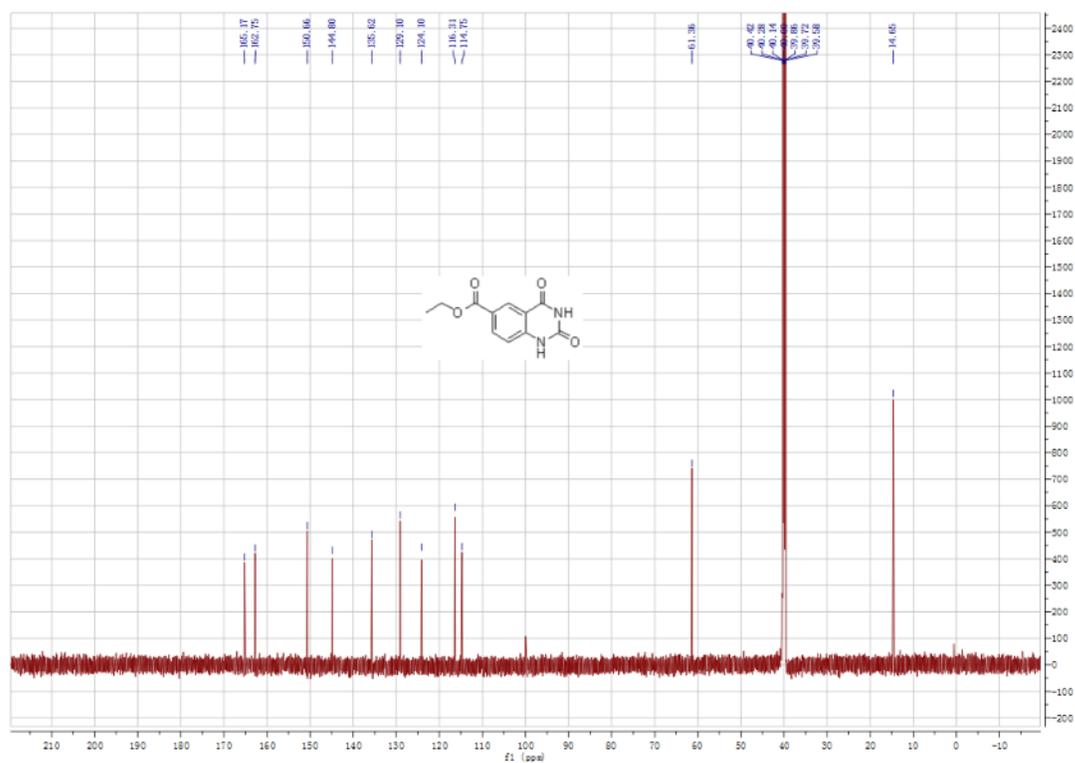
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2c** ^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2c**

^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2d** ^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2d**

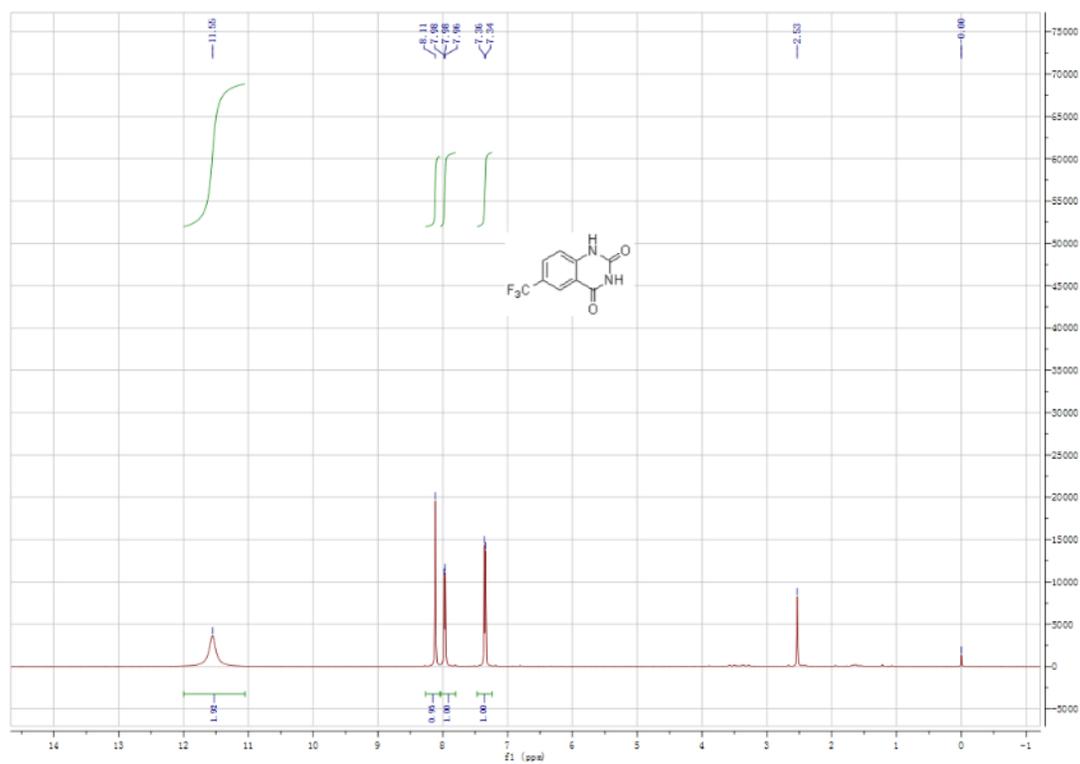
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2e**



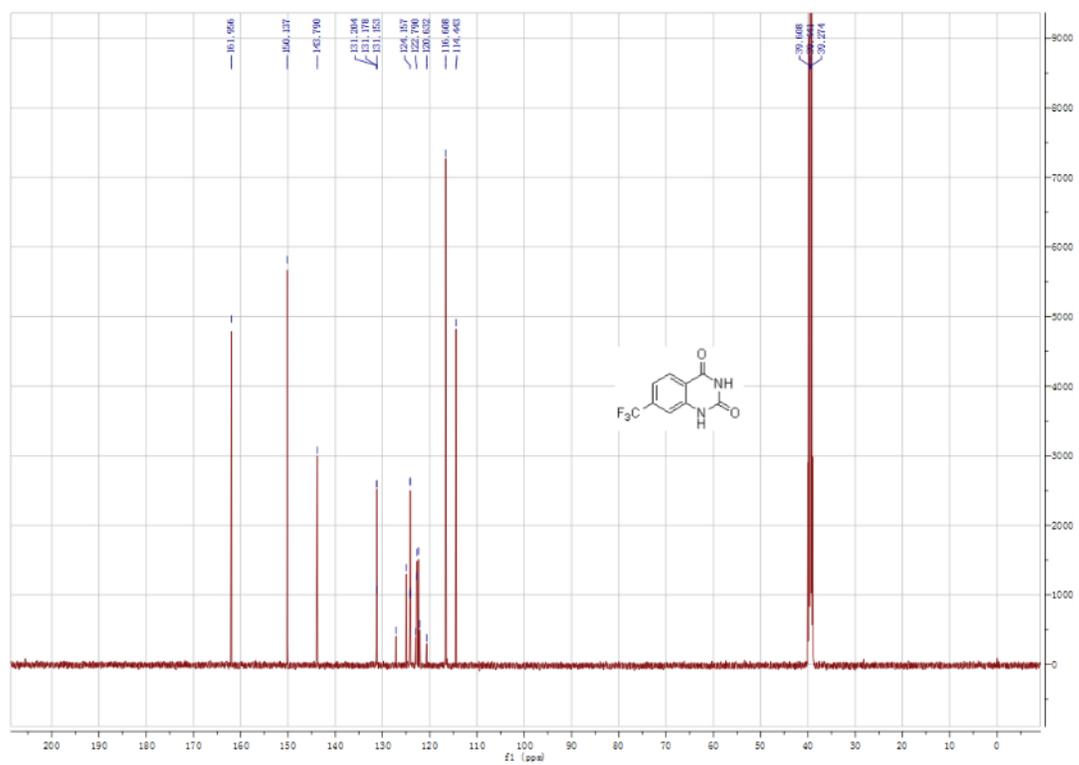
^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2e**

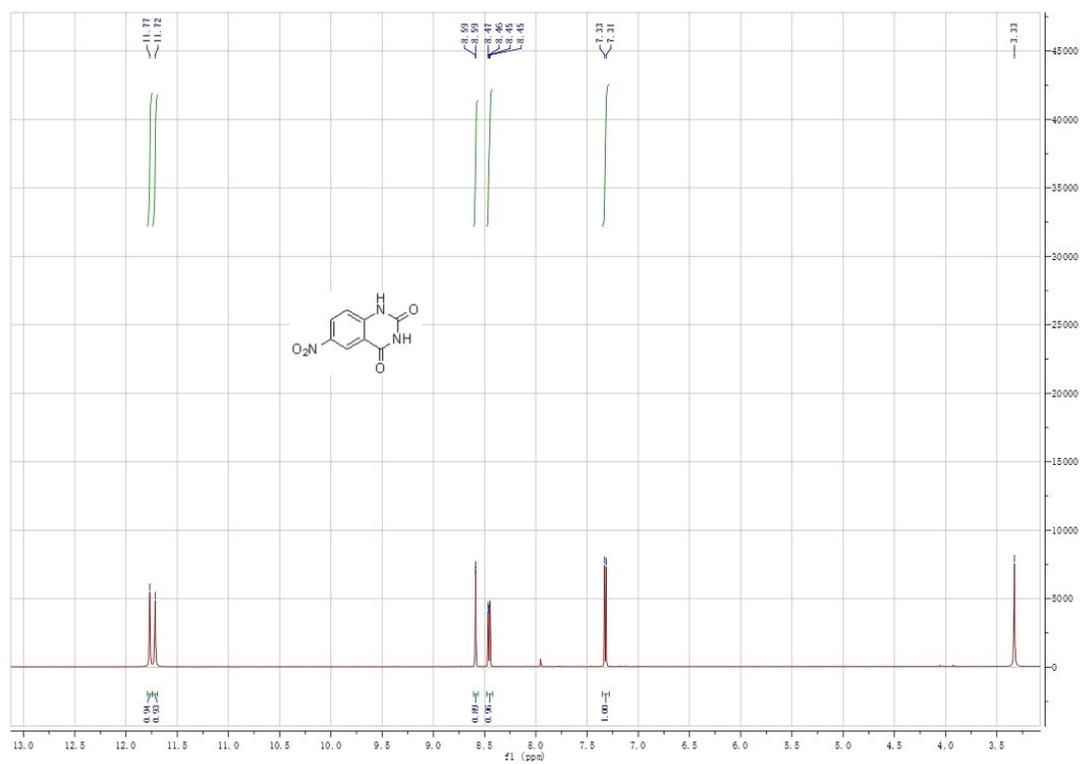
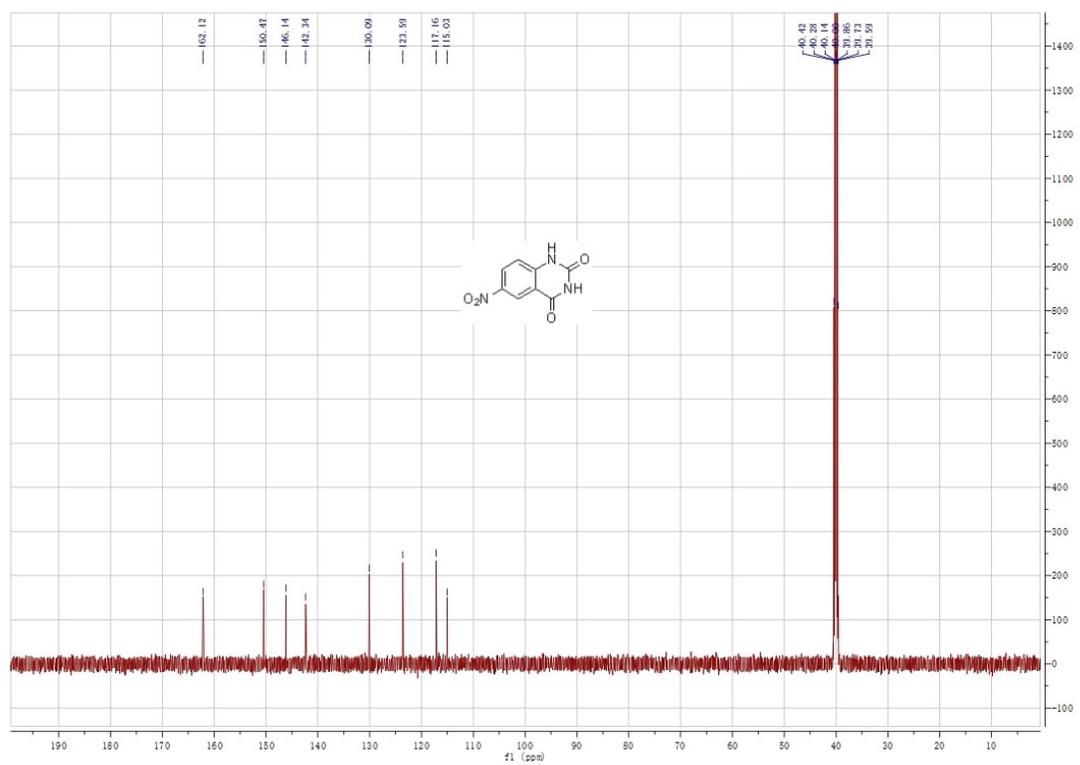


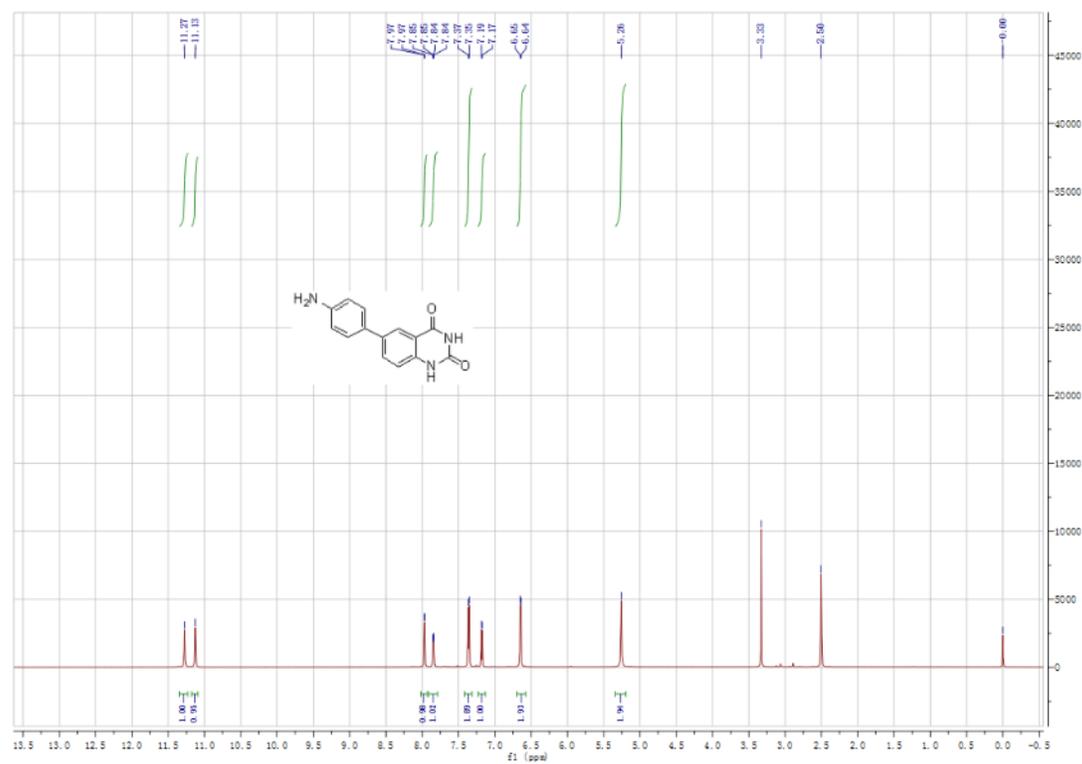
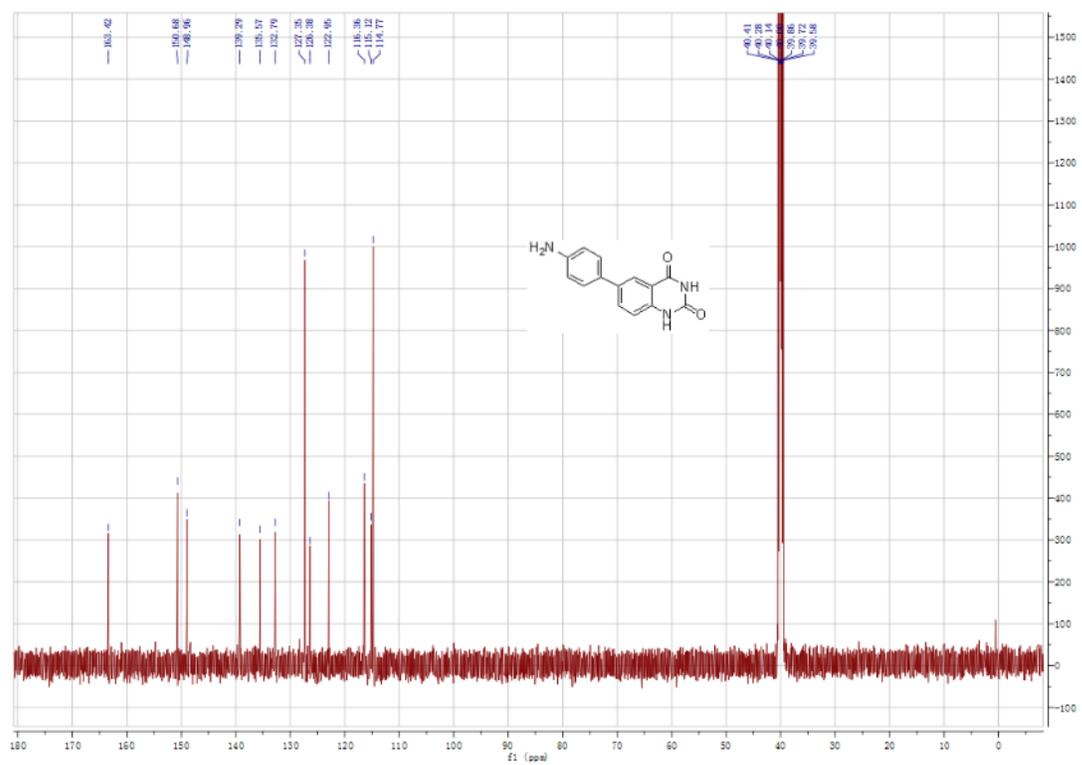
^1H NMR (500 MHz, $\text{DMSO-}d_6$) of compound **2f**



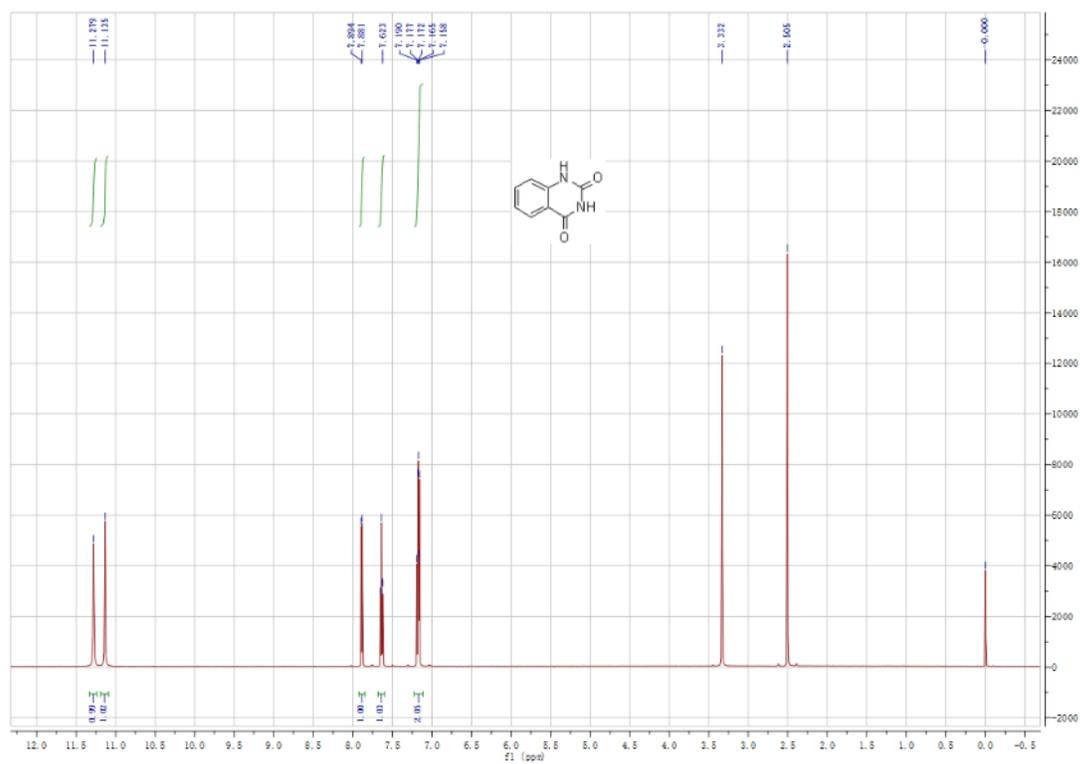
^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) of compound **2f**



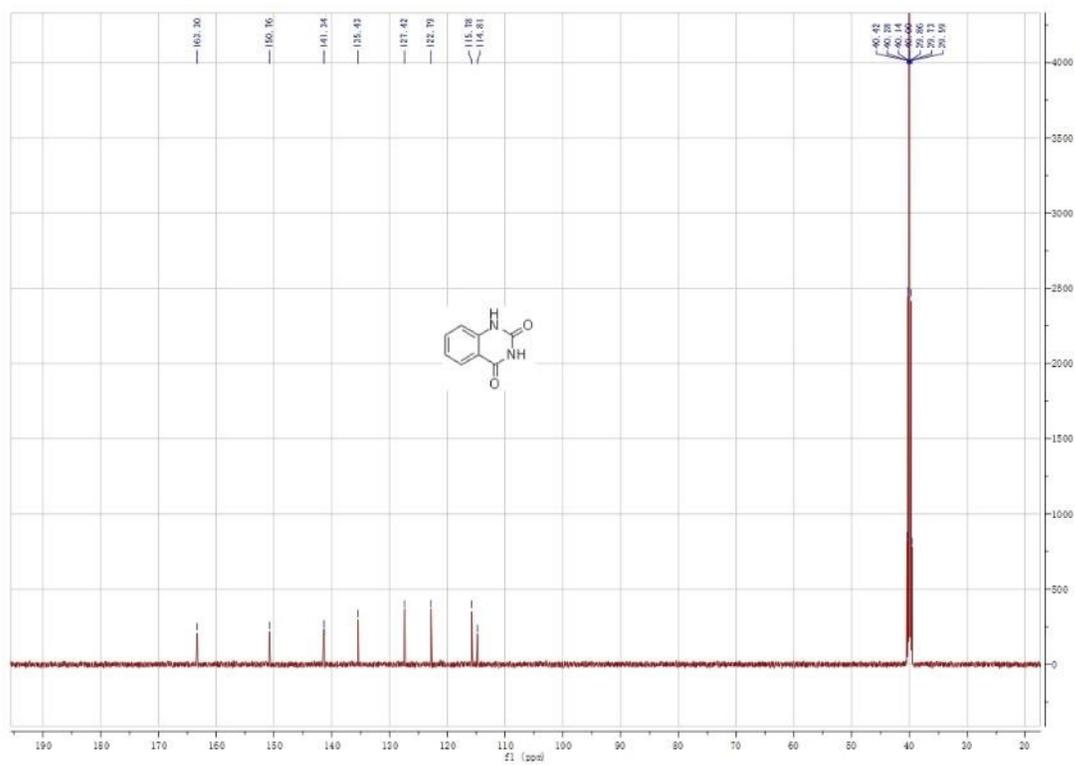
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2g** ^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2g**

^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2h** ^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2h**

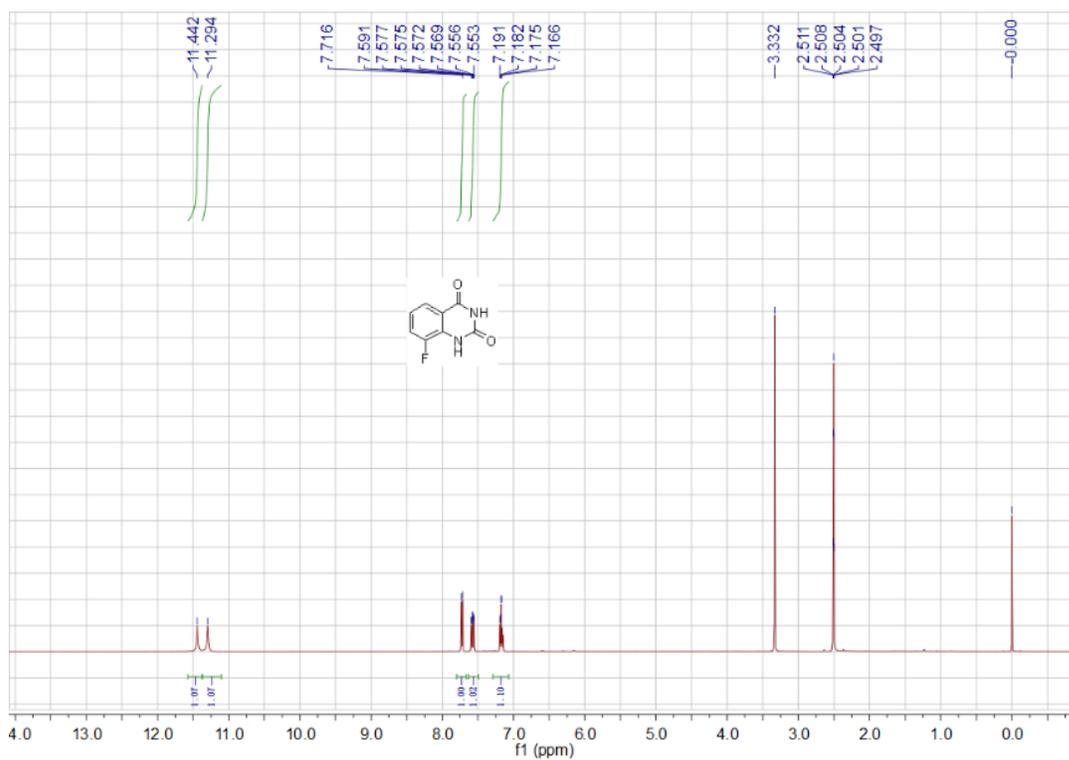
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2i**



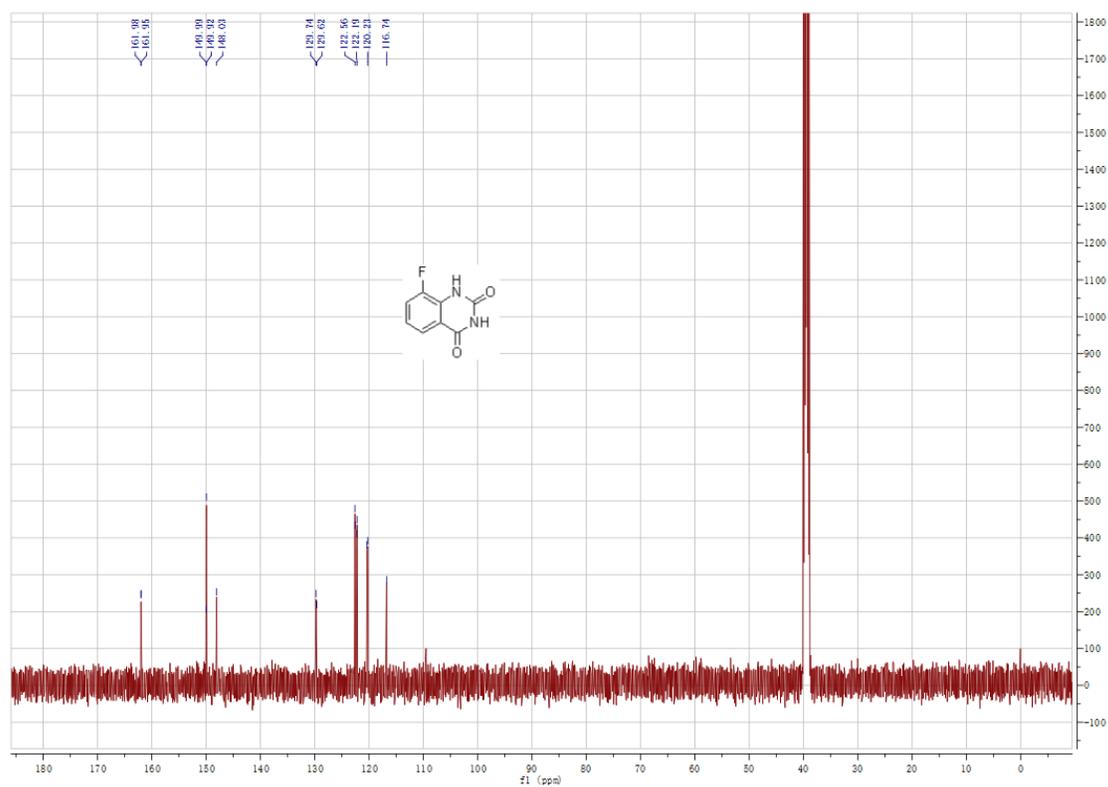
^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2i**



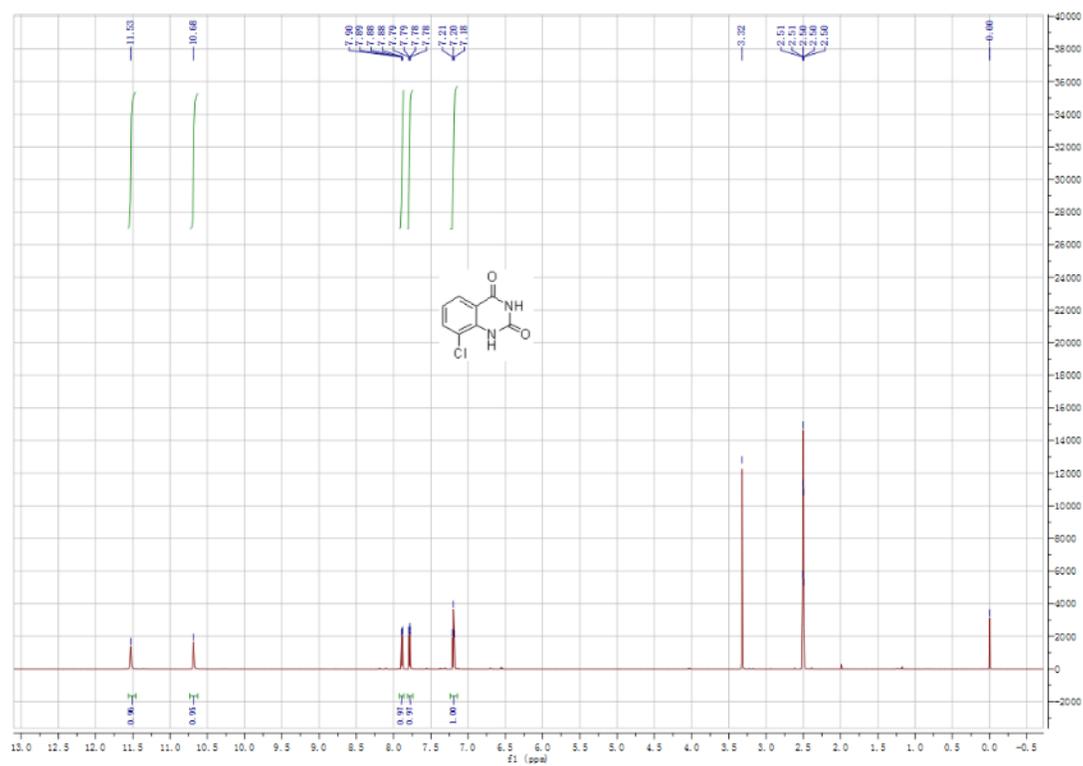
^1H NMR (500 MHz, $\text{DMSO-}d_6$) of compound **2j**



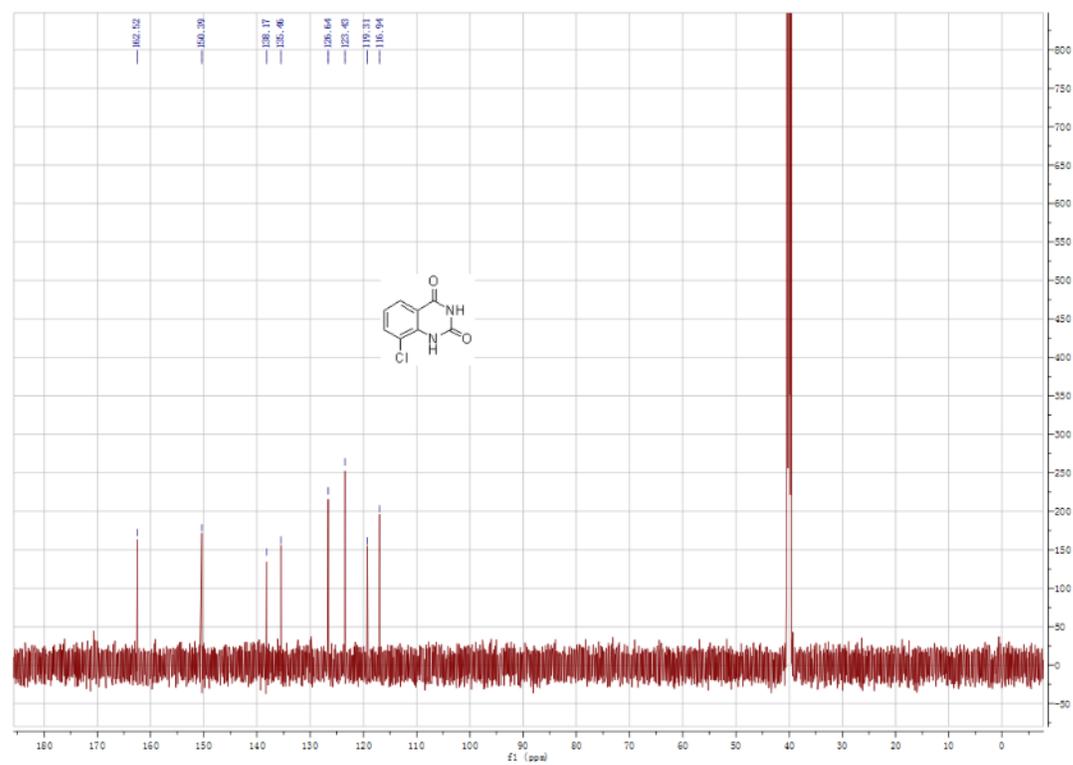
^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) of compound **2j**

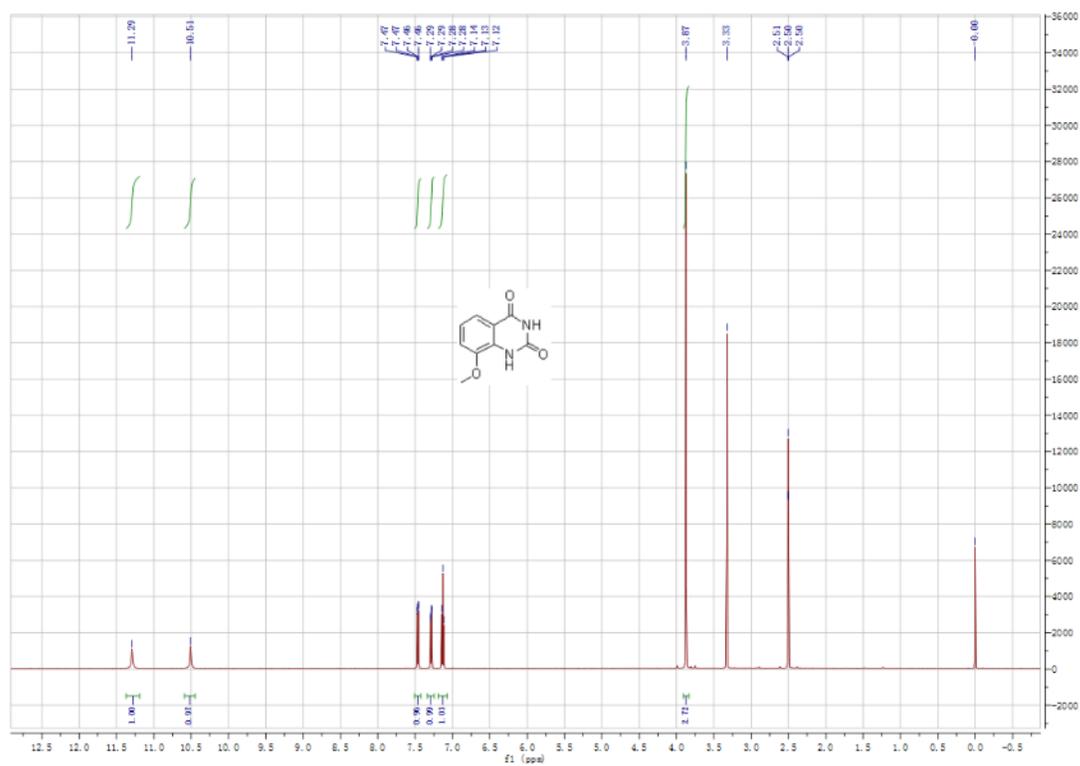
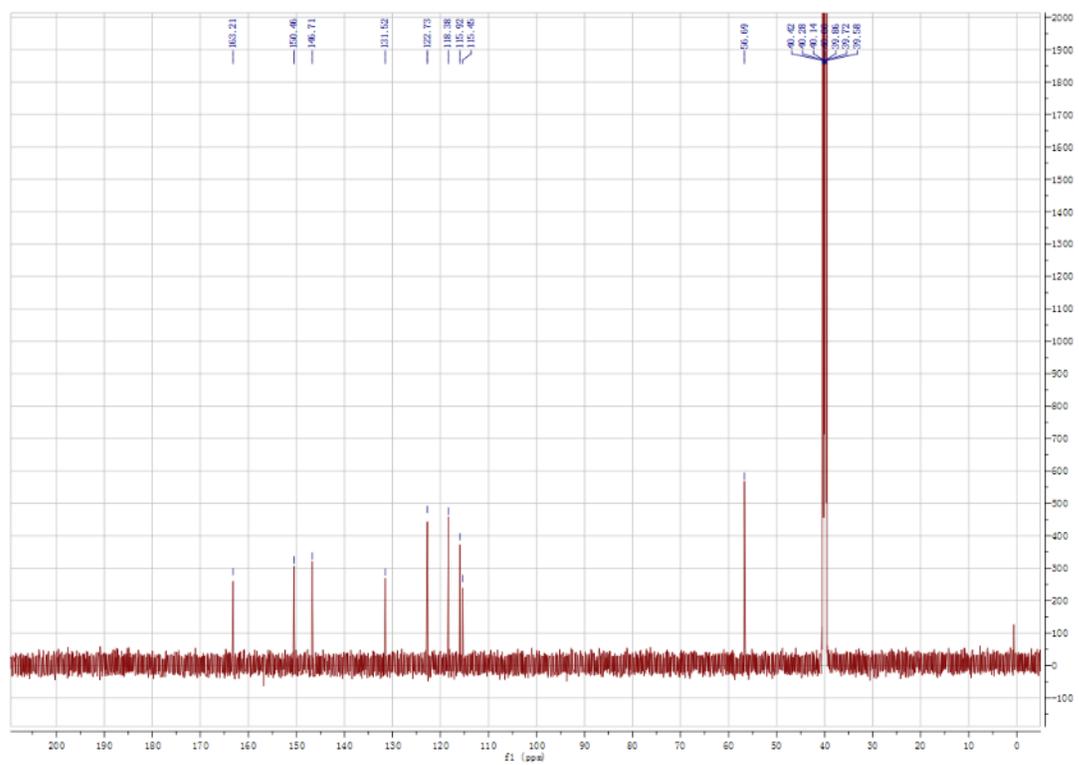


^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2k**

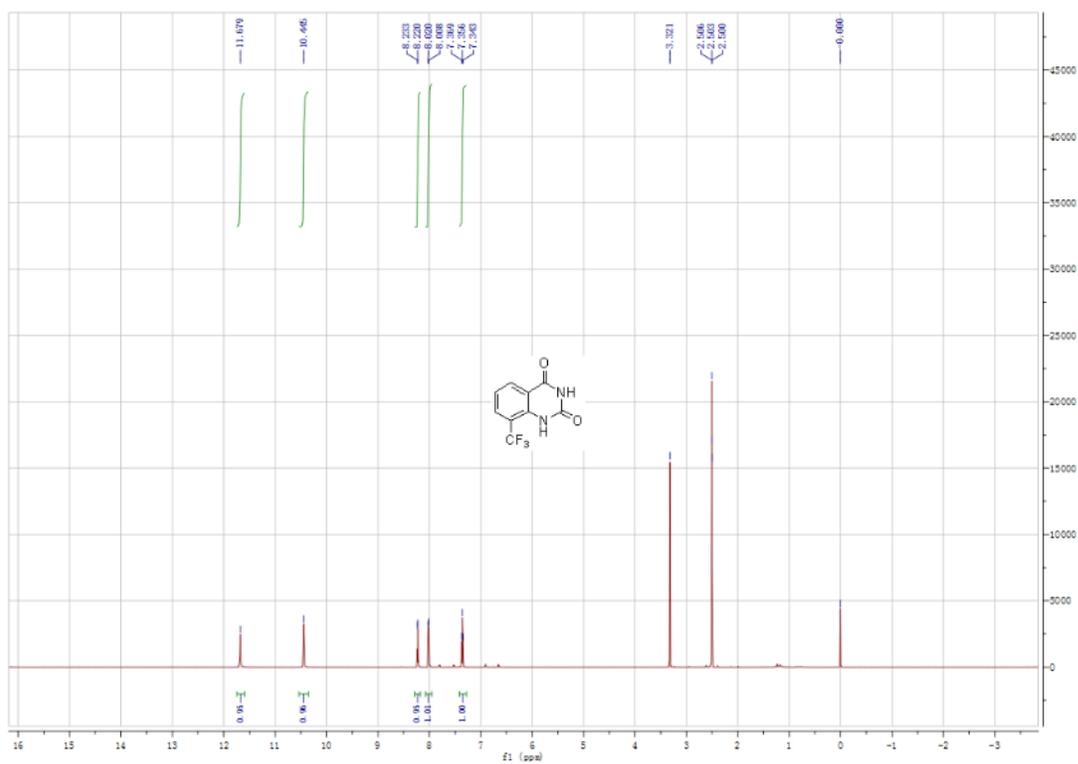


^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2k**

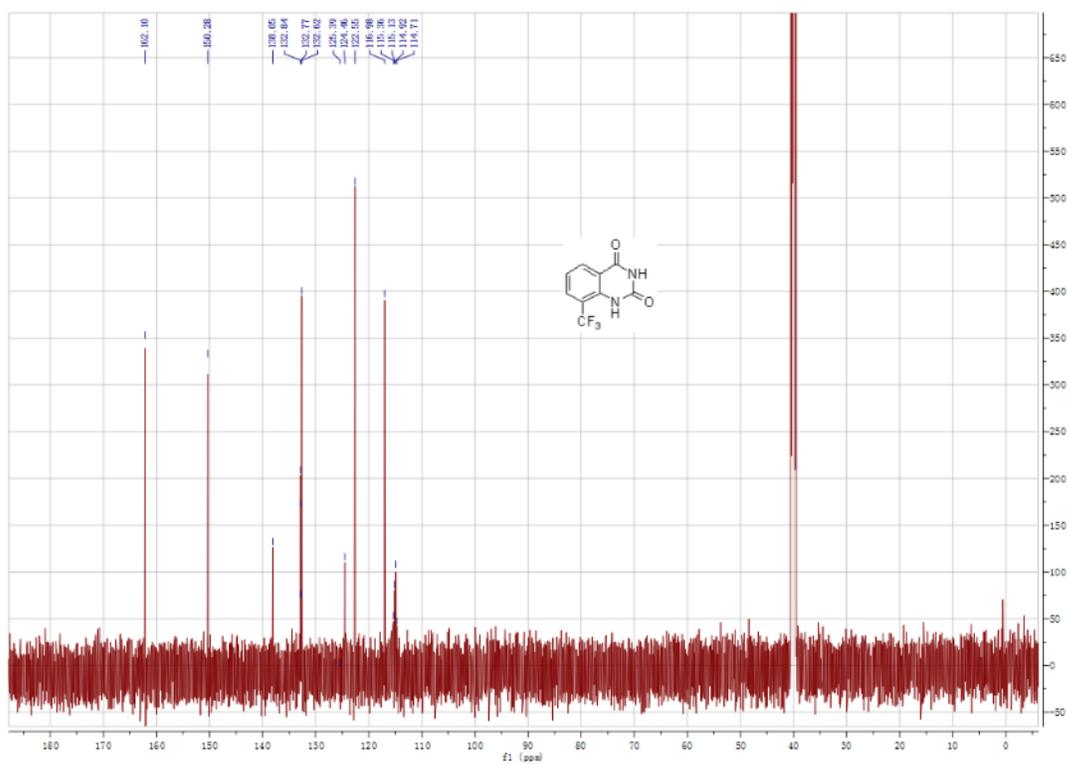


^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **21** ^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **21**

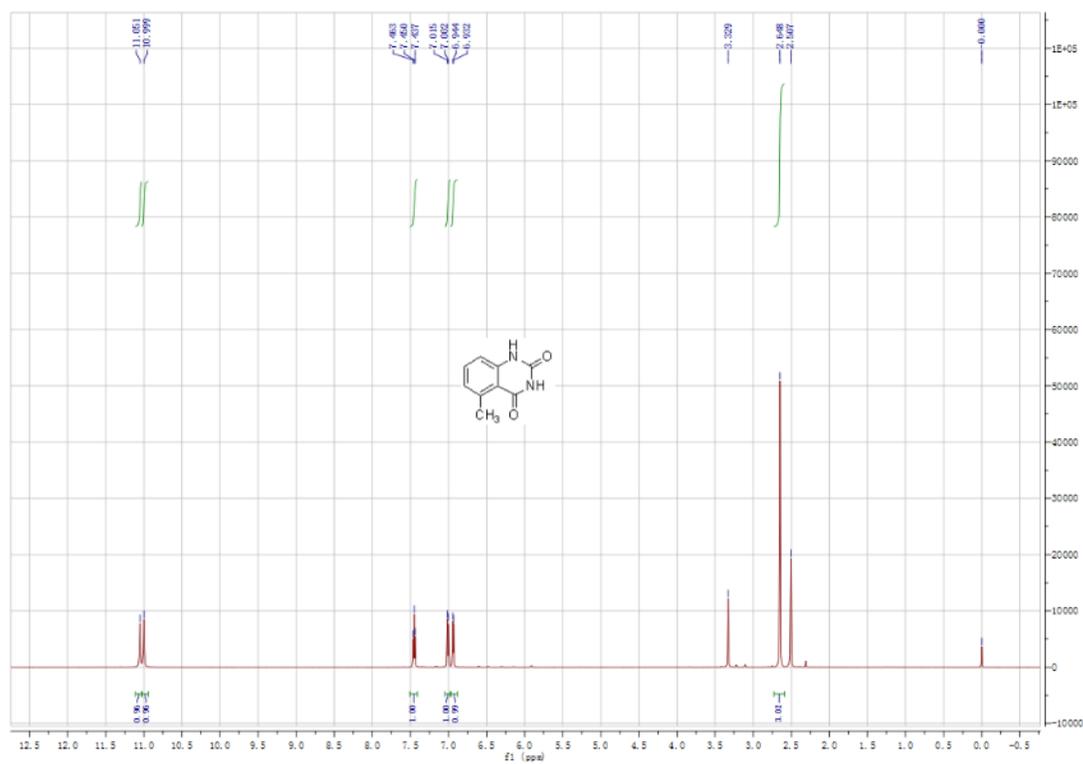
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2m**



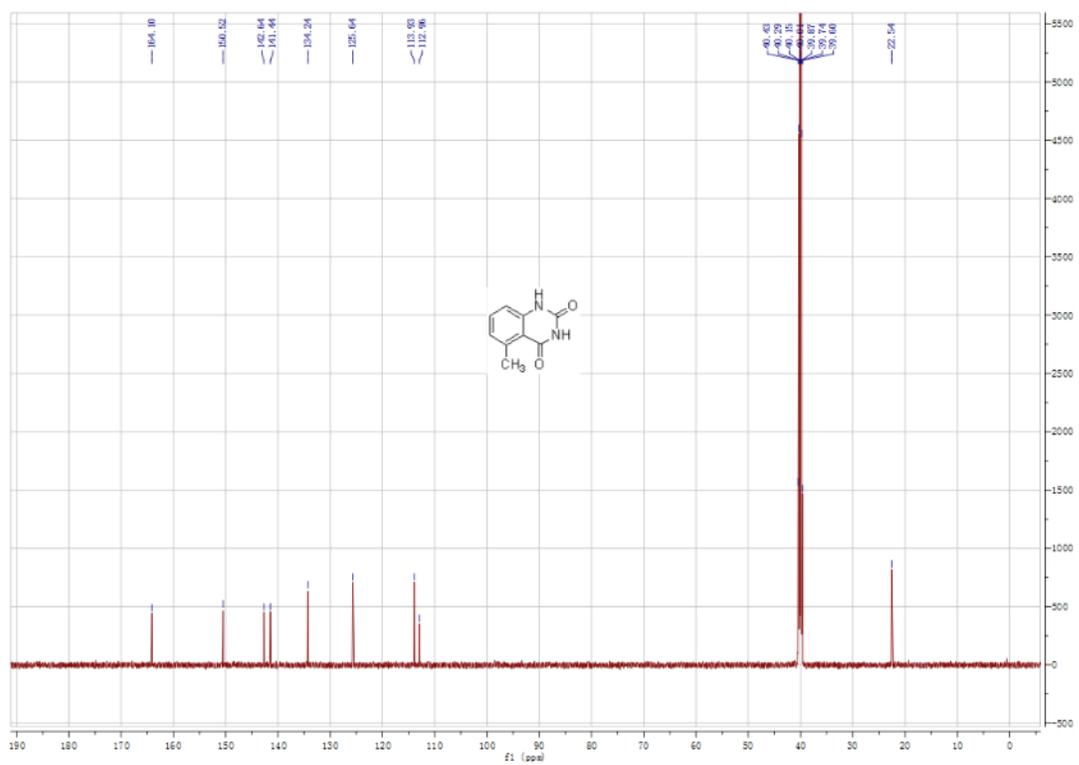
^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2m**



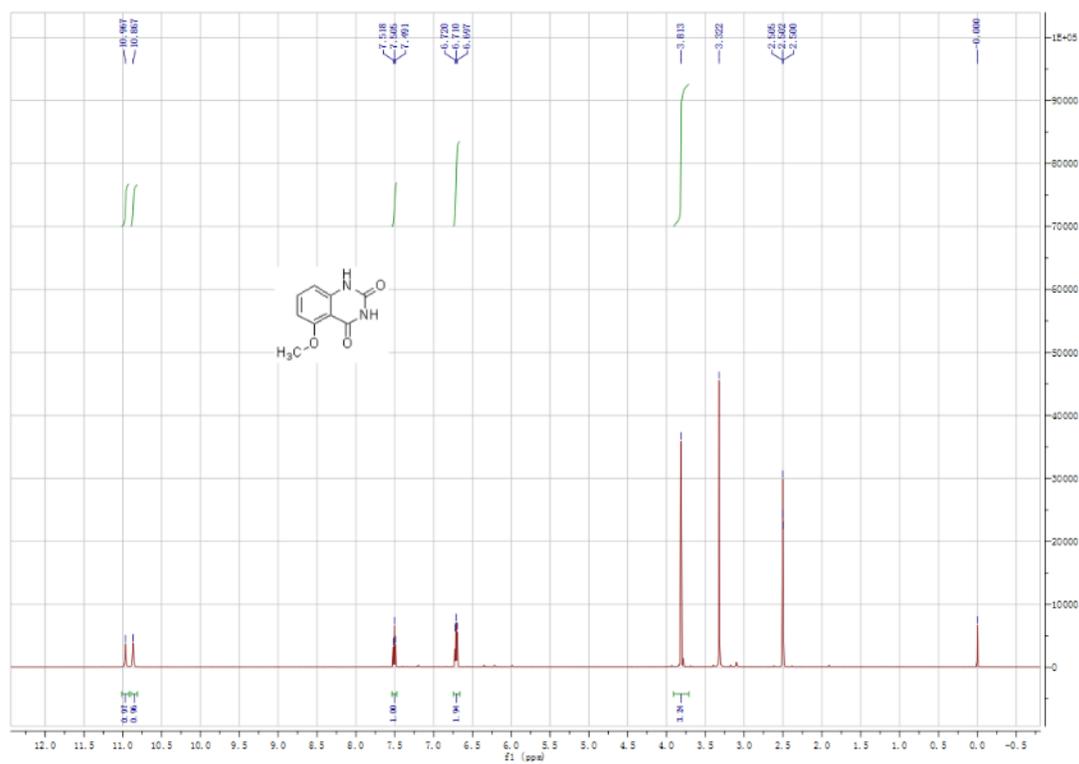
^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2n**



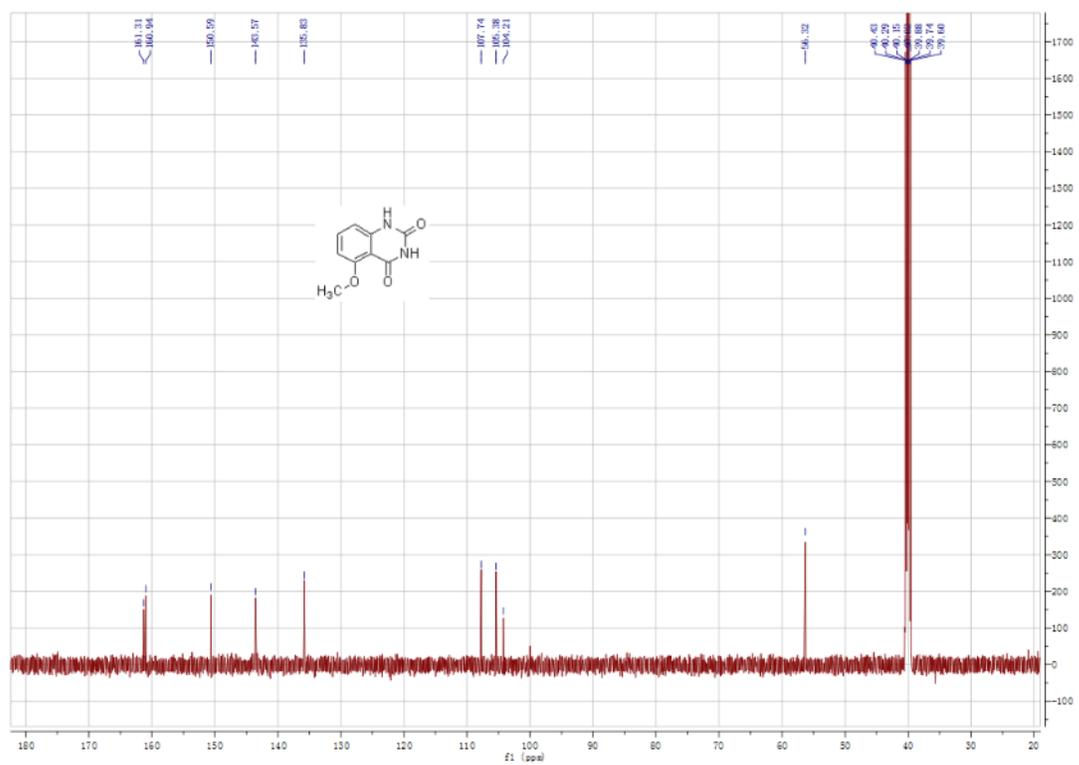
^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2n**

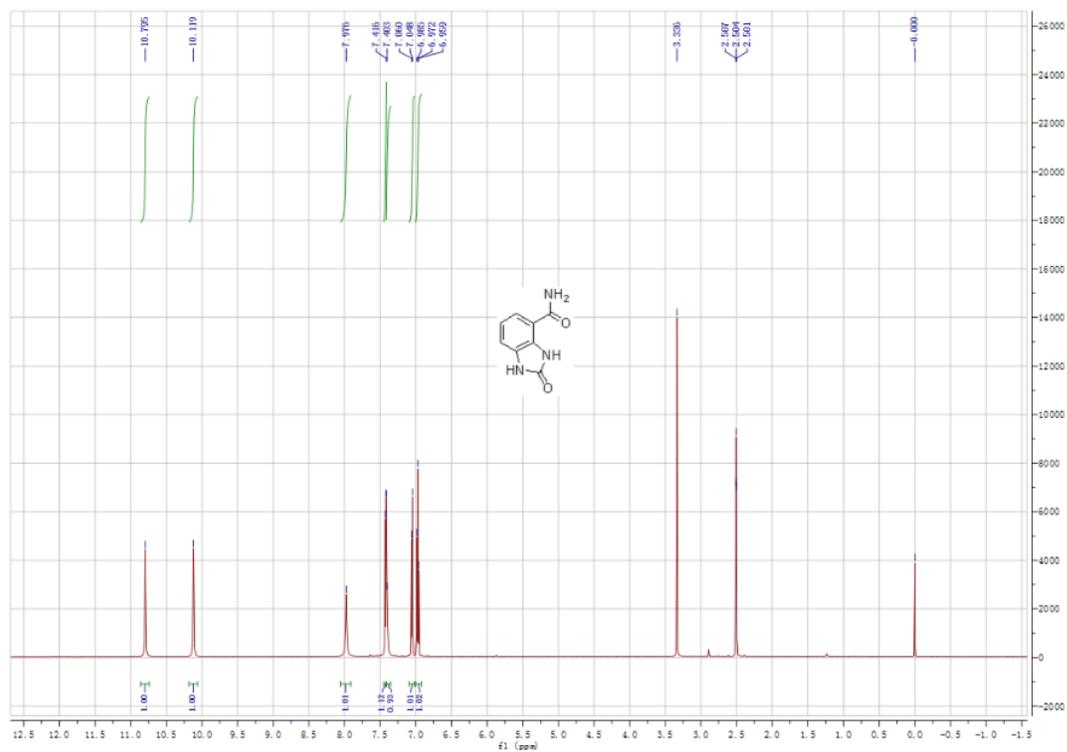


^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **2o**



^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **2o**



^1H NMR (600 MHz, $\text{DMSO-}d_6$) of compound **8** ^{13}C NMR (150 MHz, $\text{DMSO-}d_6$) of compound **8**