Supporting Information

Synthesis of [1,2,3]Triazolo-[1,5-*a*]quinoxalin-4(5H)-ones through Photoredox-Catalyzed [3+2] Cyclization Reactions with Hypervalent Iodine(III) Reagents

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1. **ORTEP diagram of compound 3e**

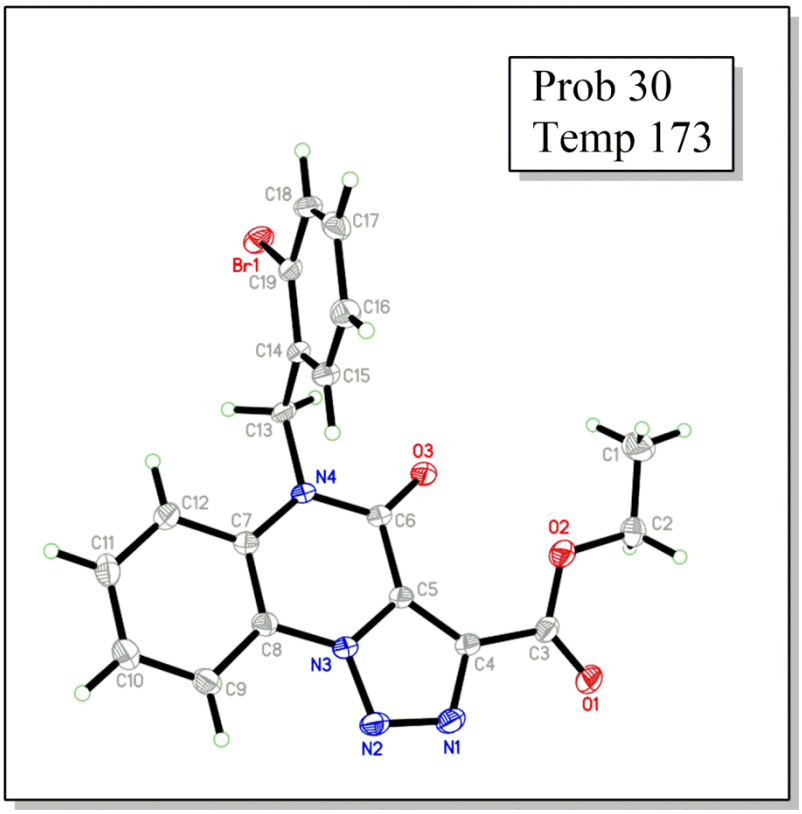


Figure S1. ORTEP drawing (30%) of the crystal structure **3e**

Crystallographic data **3e** (CCDC 2124161) has been deposited vat the Cambridge Crystallographic Database Centre and is available on request from the Director, CCDC, 12 Union Road, Cambridge, CB2 1EZ, UK (http//www.ccdc.cam.ac.uk).

2. X-ray crystal data for **3e**

Table S1. Crystal data parameter for compound **3e**	
Formula unit	C_{19} H_{15} Br N_4 O_3
Formula wt.	427.26
Crystal system	monoclinic
T [K]	190
a [Å]	10.9259(17)
b [Å]	7.6487(11)
c [Å]	20.880(3)
α [°]	90
β[°]	91.200(7)
γ [°]	90
Volume [Å3]	1744.5(4)
Space group	P 21/c
Z	4
Reflns. Collected	3744
*R*1 [I>2σ(I)], *wR*2	0.0556, 0.0694
GOF	1.066
CCDC Reference NO.	2124161

3. Additional experimental materials

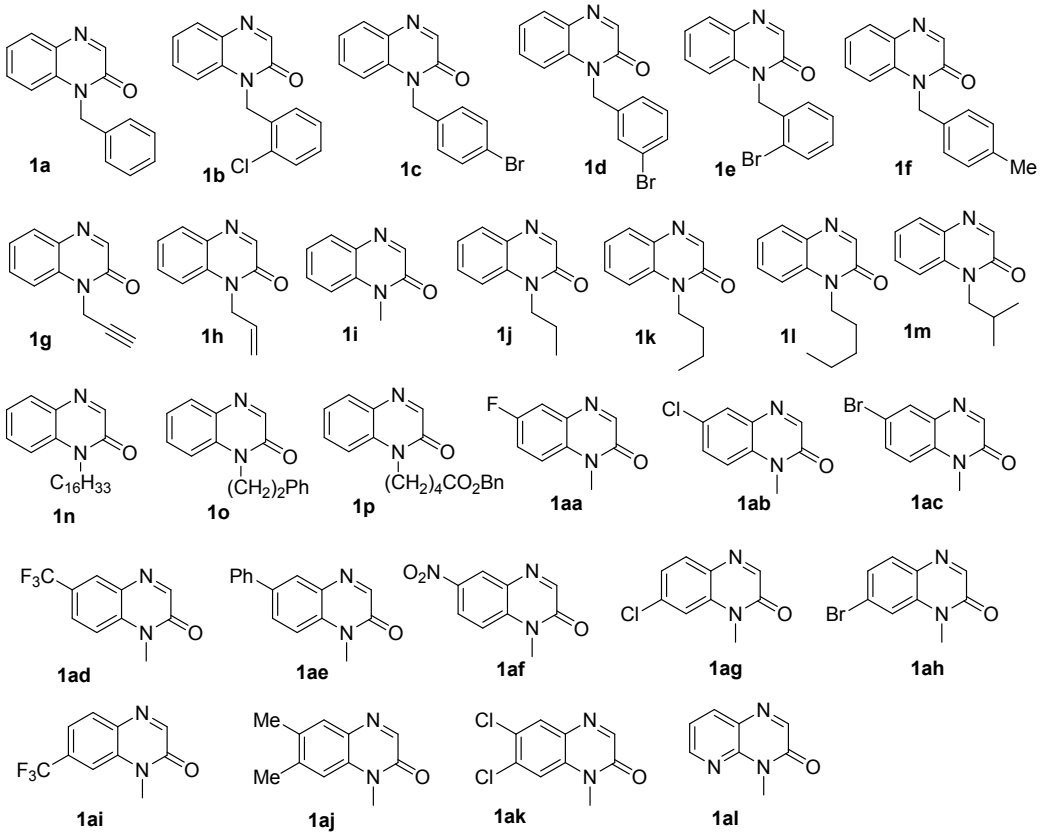
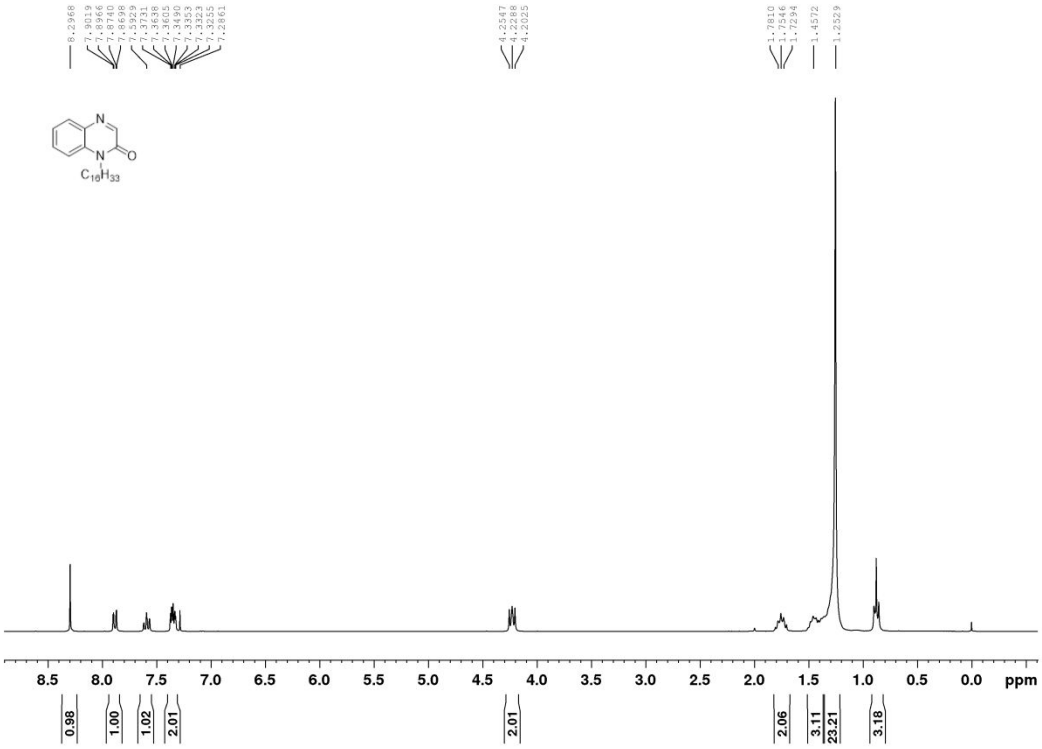
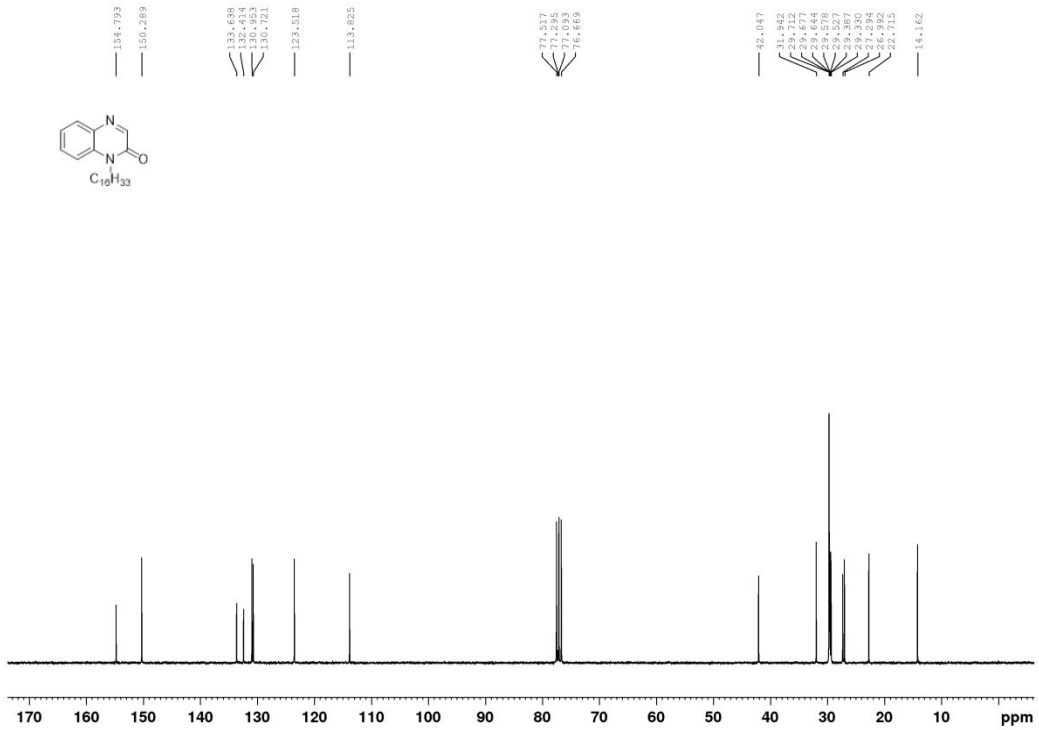


Figure S2. Substrates Employed for the Synthesis of Quinazolinone Derivatives

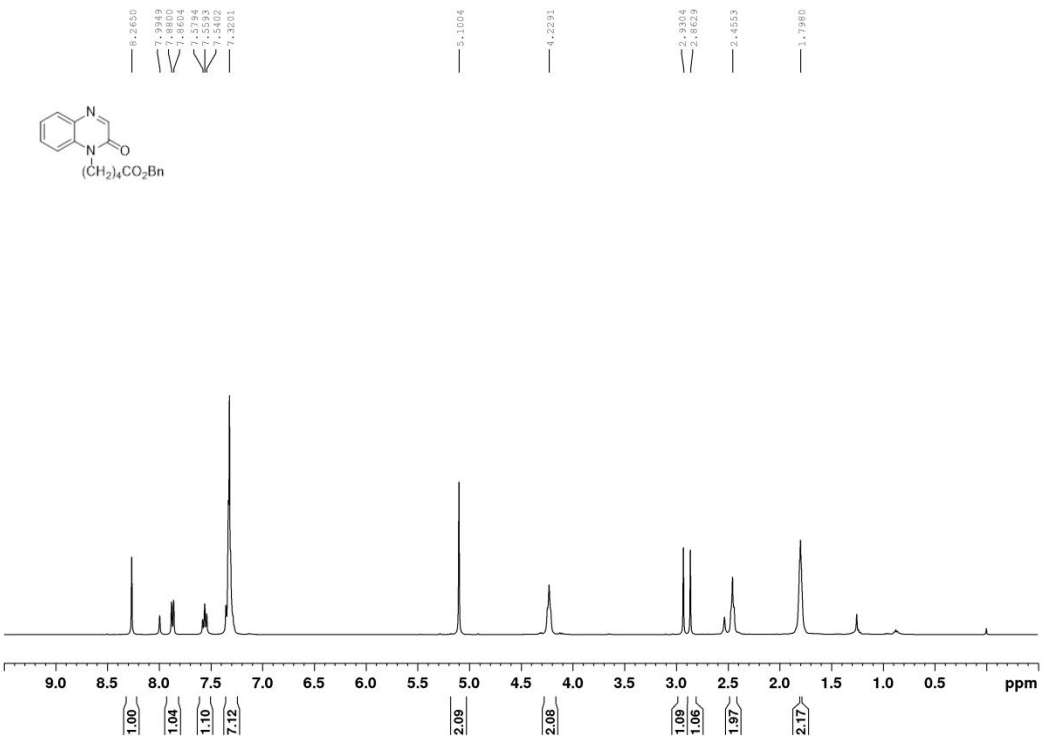
4. NMR spectra of all the synthesized compounds



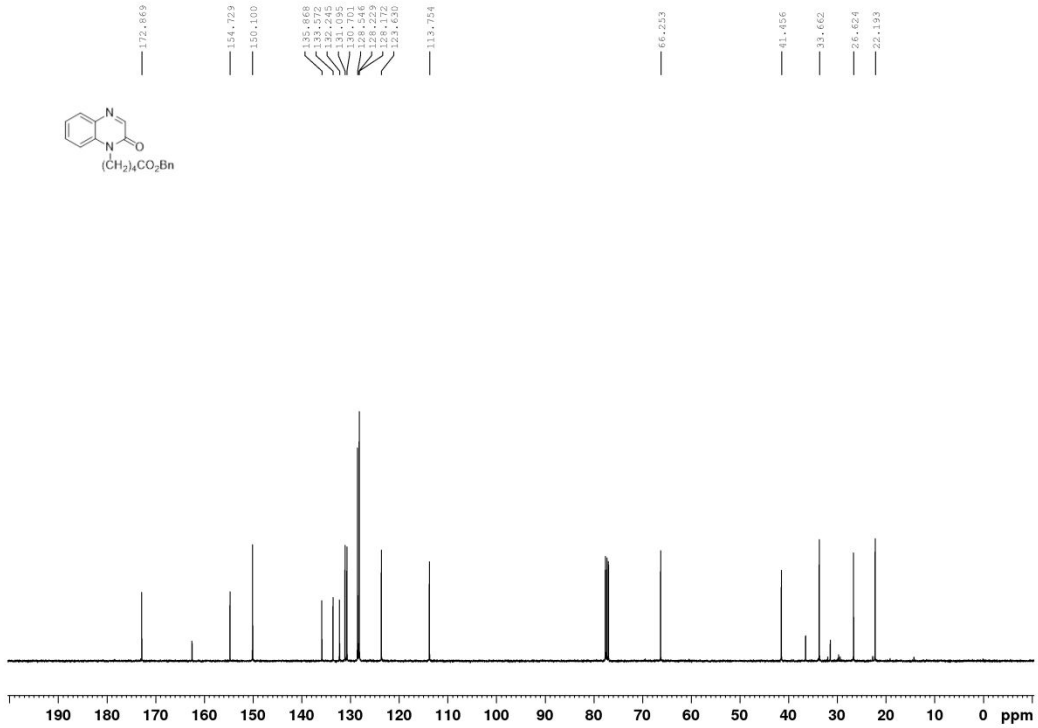
^{1}H NMR (400 MHz) of **1n** in $CDCl_3$



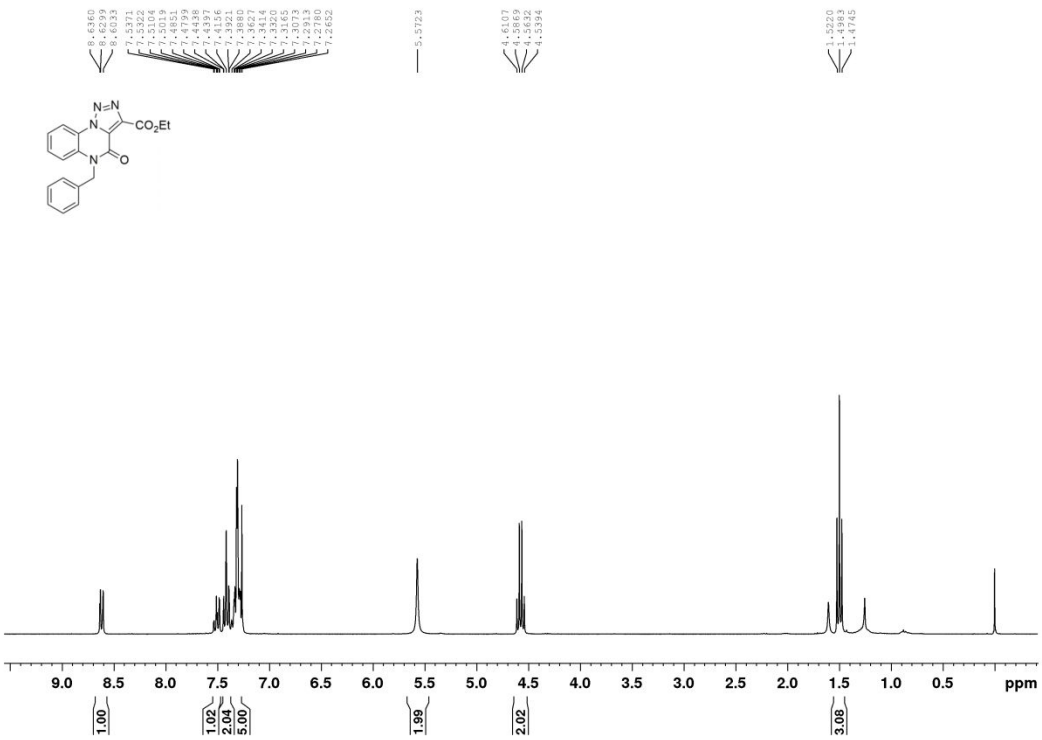
^{13}C{1H} NMR (100 MHz) of **1n** in $CDCl_3$



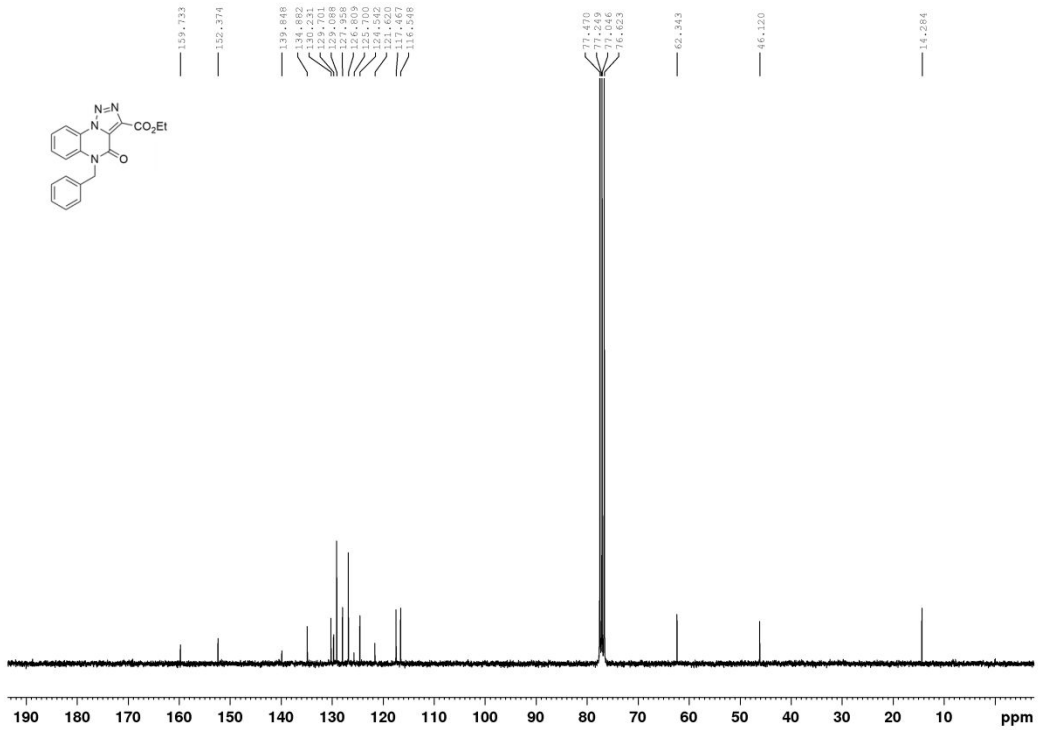
^{1}H NMR (400 MHz) of **1p** in $CDCl_3$



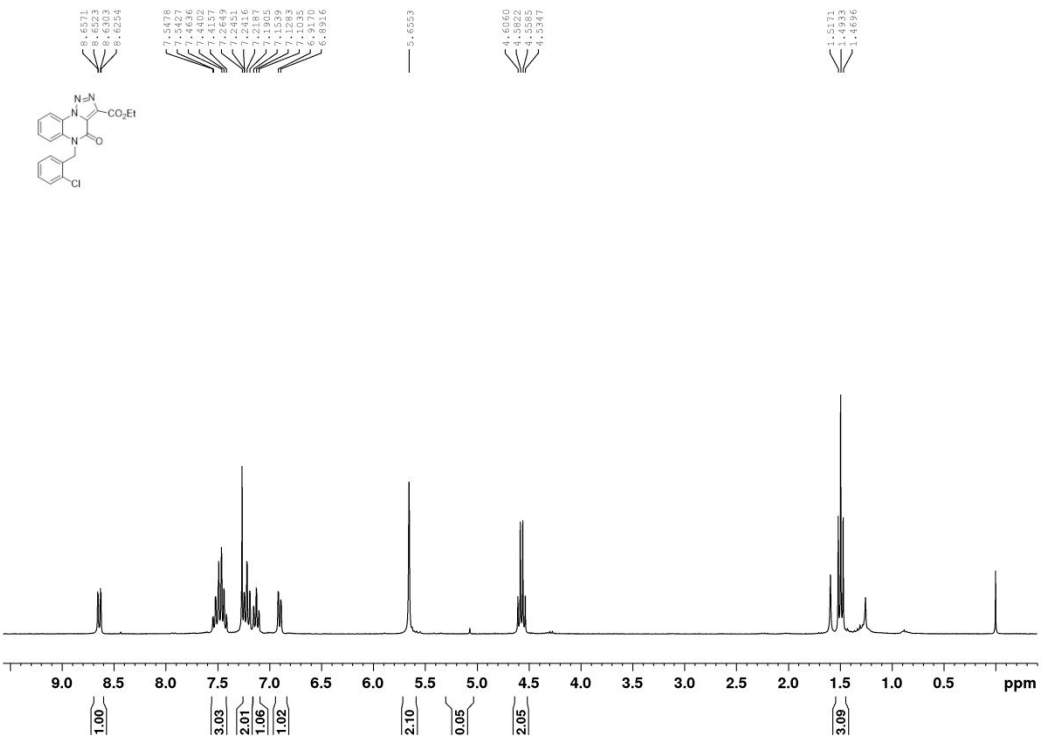
^{13}C{1H} NMR (400 MHz) of **1p** in $CDCl_3$



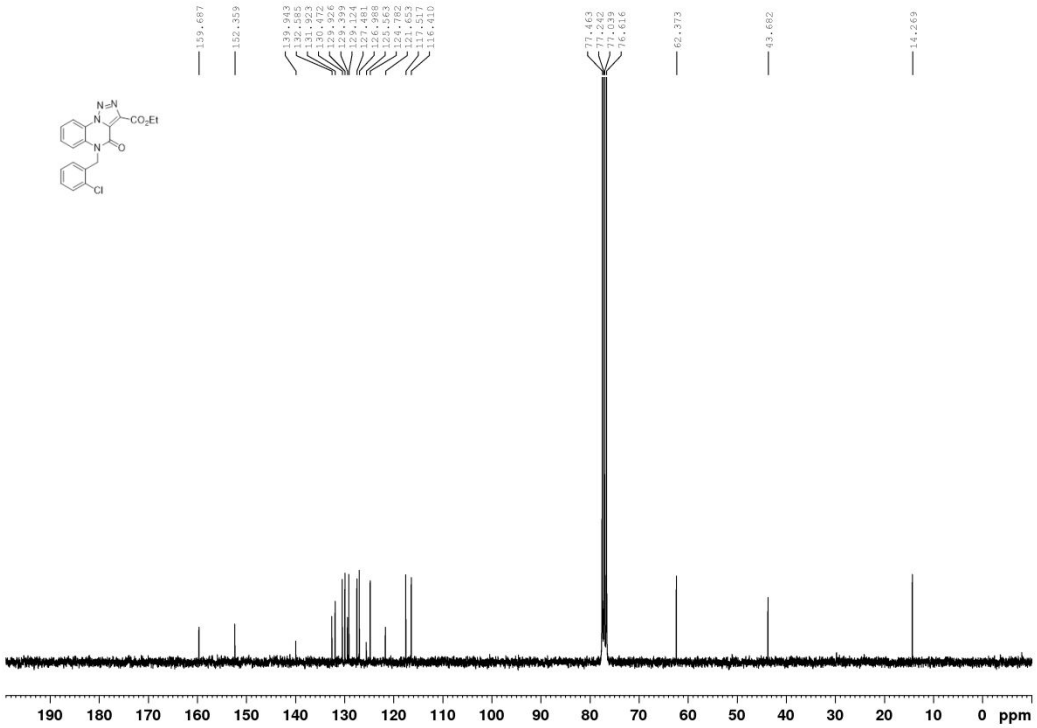
^{1}H NMR (300 MHz) of **3a** in $CDCl_3$



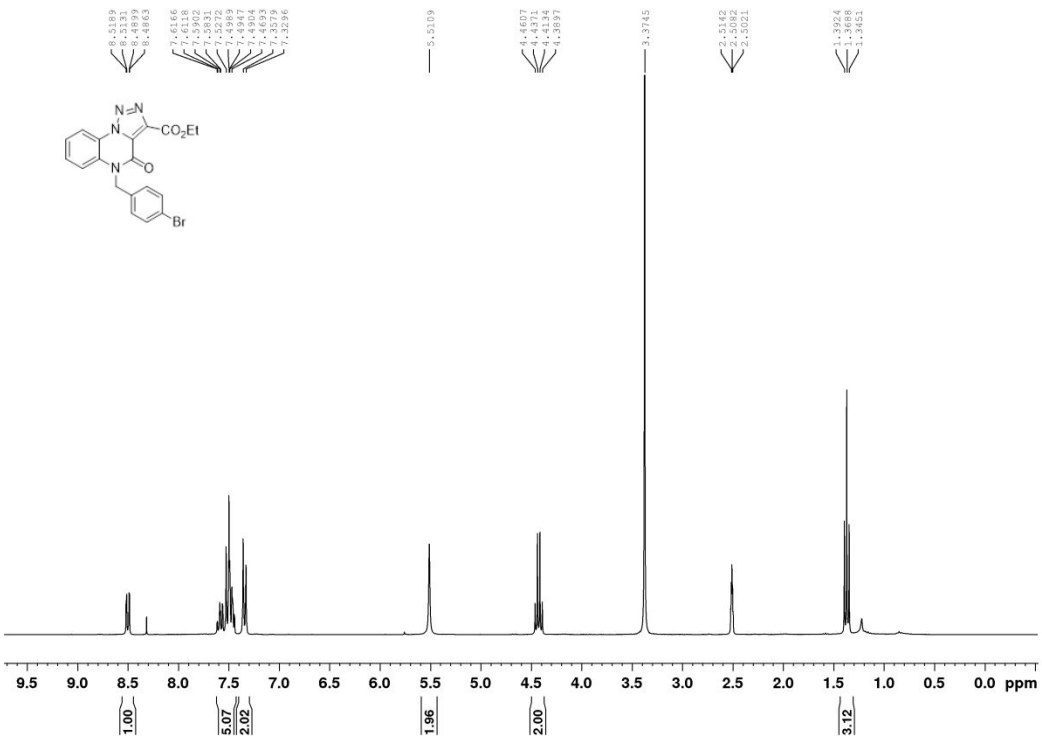
^{13}C{1H} NMR (75 MHz) of **3a** in $CDCl_3$



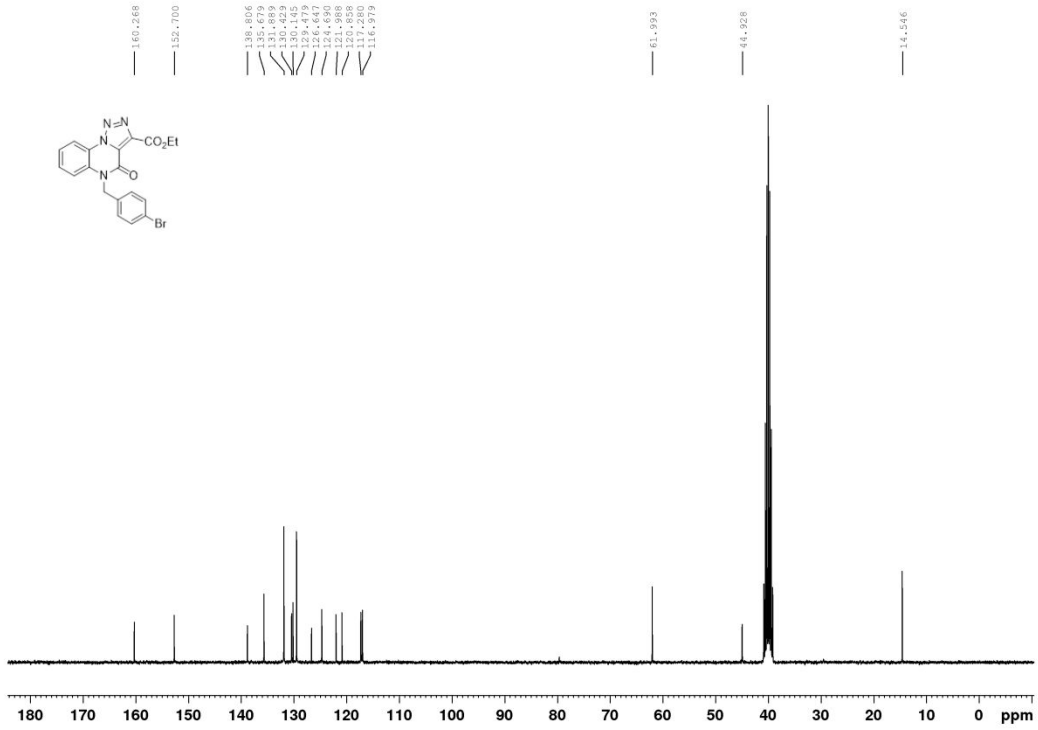
^{1}H NMR (300 MHz) of **3b** in $CDCl_3$



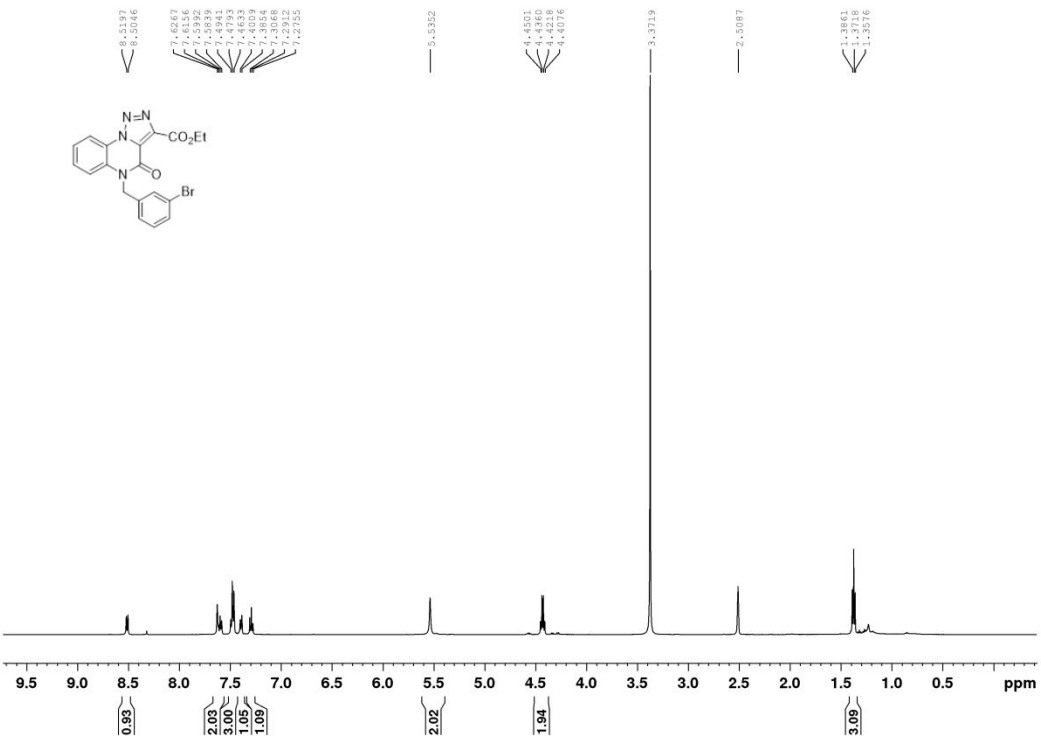
^{13}C{1H} NMR (75 MHz) of **3b** in $CDCl_3$



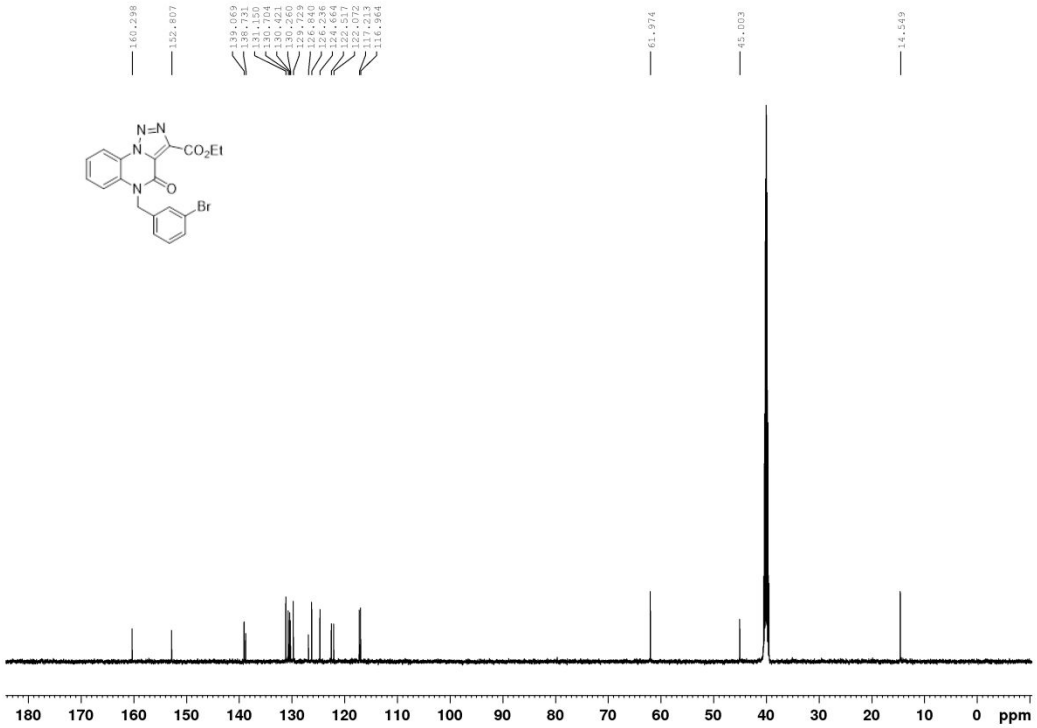
^{1}H NMR (300 MHz) of **3c** in DMSO



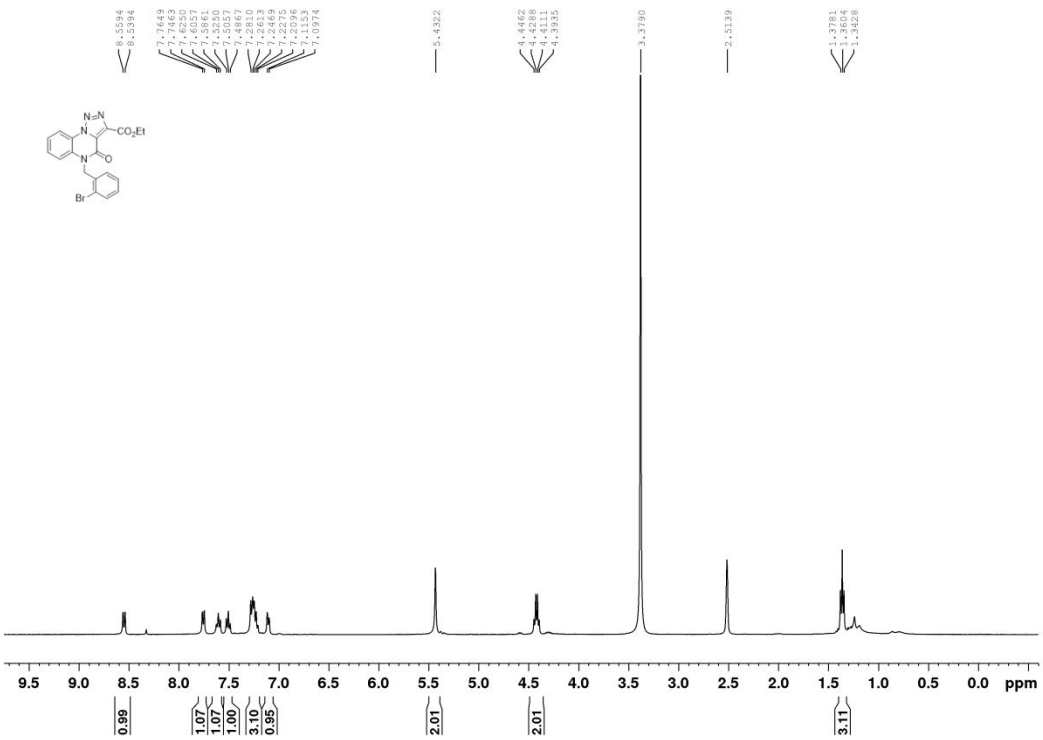
^{13}C{1H} NMR (75 MHz) of **3c** in DMSO



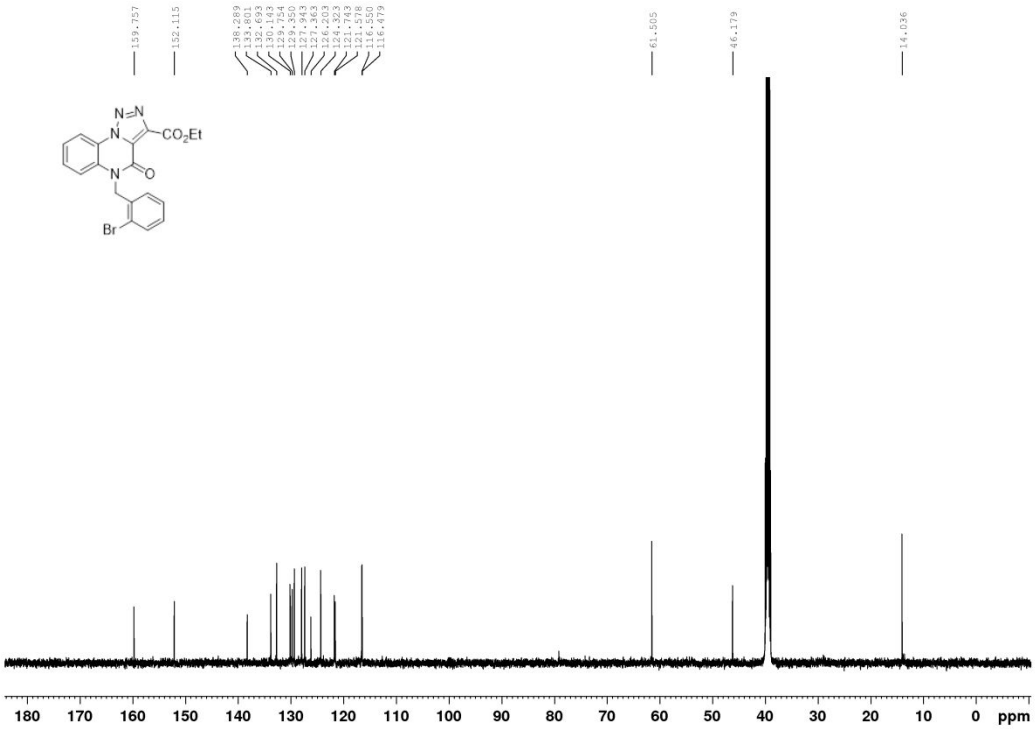
^{1}H NMR (400 MHz) of **3d** in DMSO



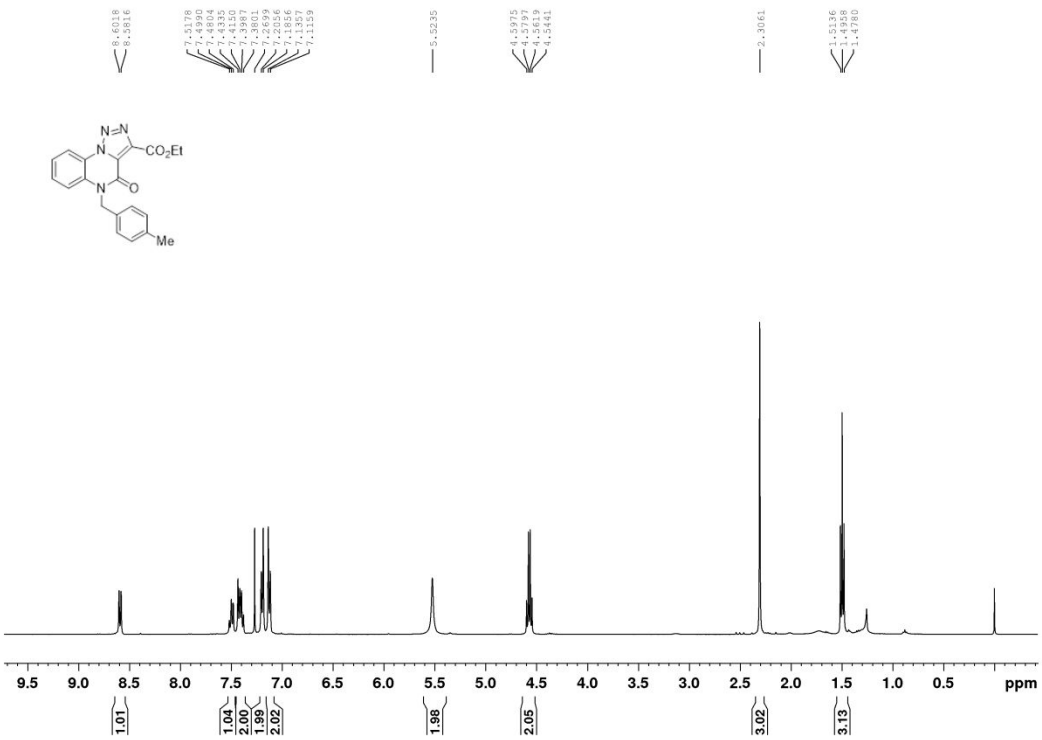
^{13}C{1H} NMR (125 MHz) of **3d** in DMSO



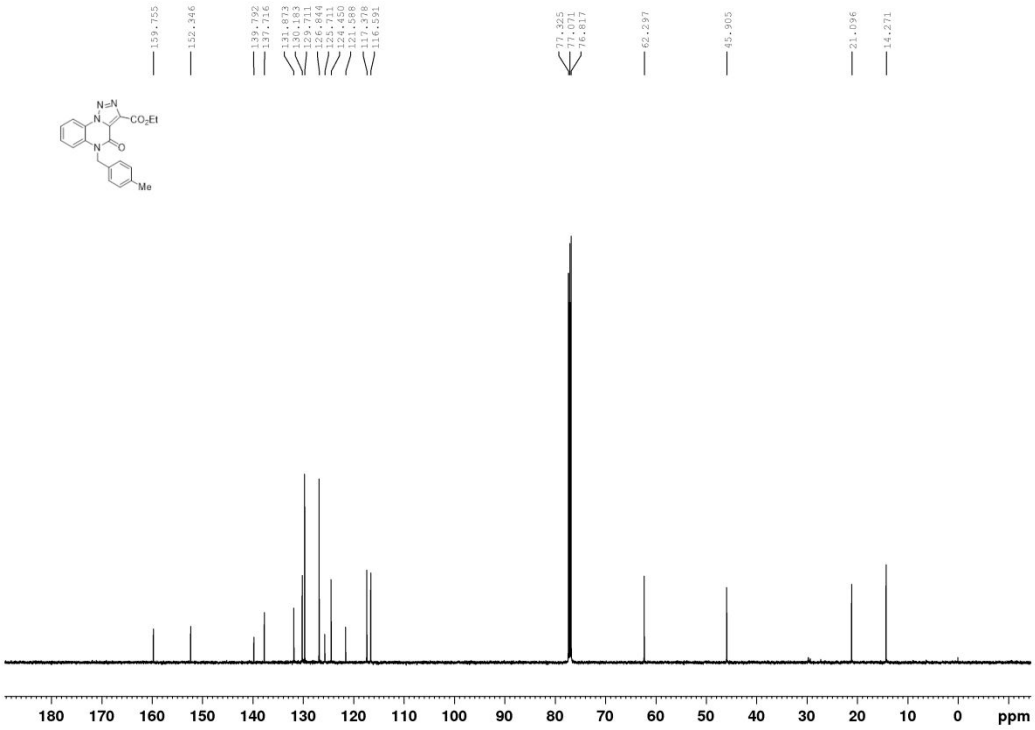
^{1}H NMR (400 MHz) of **3e** in DMSO



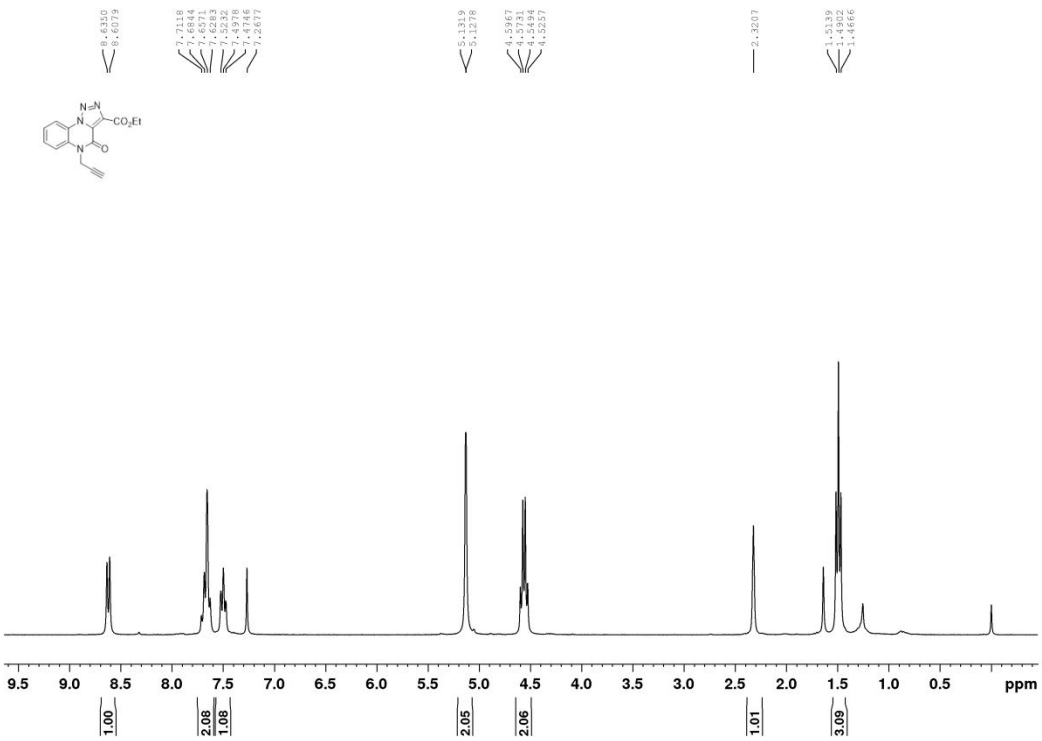
^{13}C{1H} NMR (125 MHz) of **3e** in DMSO



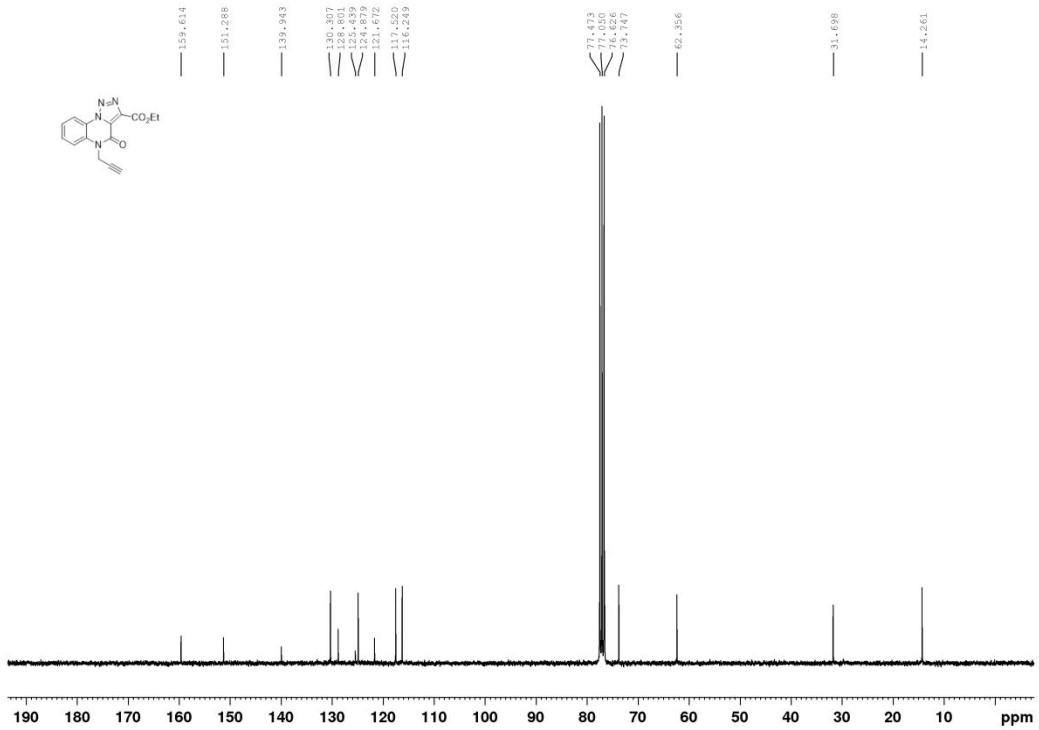
^{1}H NMR (400 MHz) of **3f** in $CDCl_3$



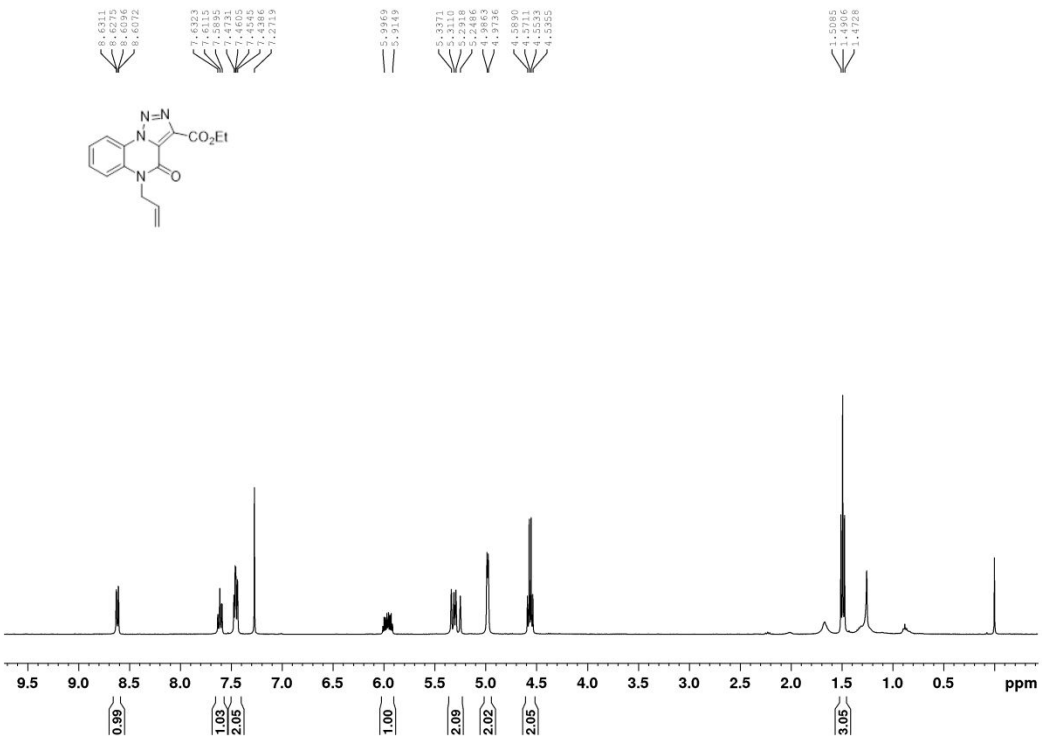
^{13}C{1H} NMR (125 MHz) of **3f** in $CDCl_3$



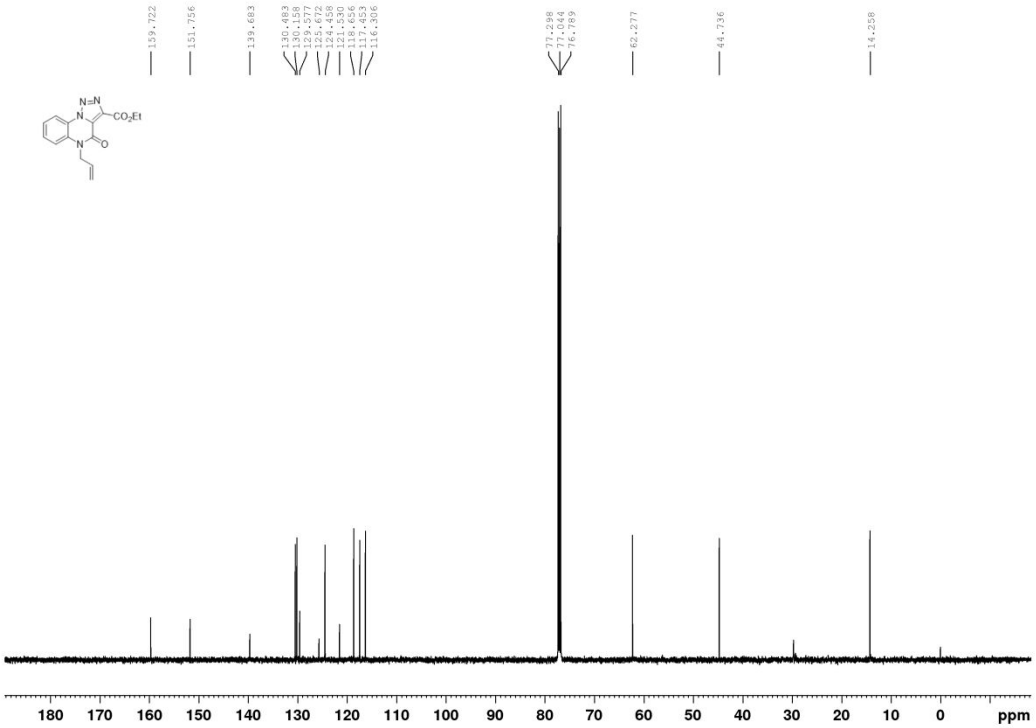
^{1}H NMR (300 MHz) of **3g** in $CDCl_3$



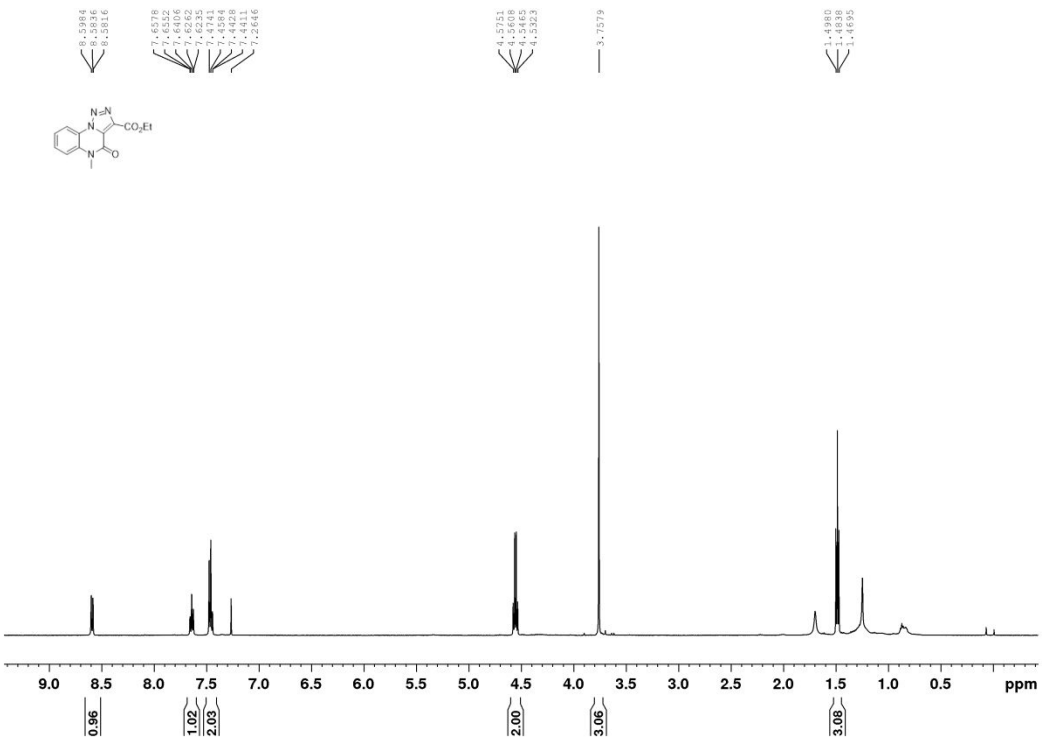
^{13}C{1H} NMR (125 MHz) of **3g** in $CDCl_3$



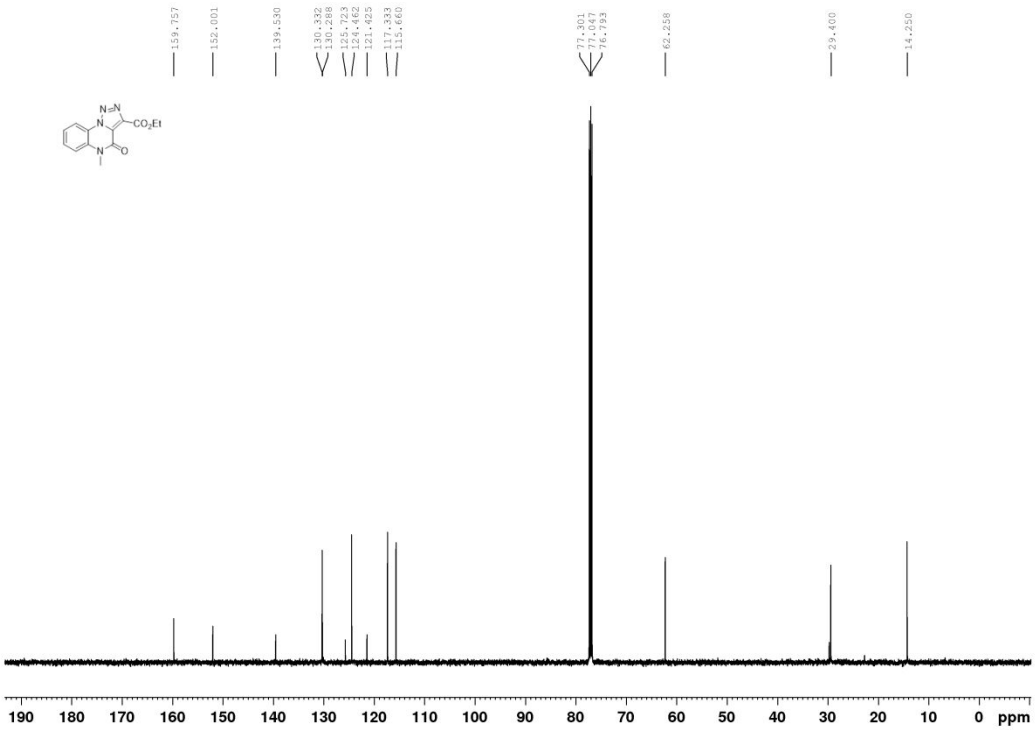
^{1}H NMR (400 MHz) of **3h** in $CDCl_3$



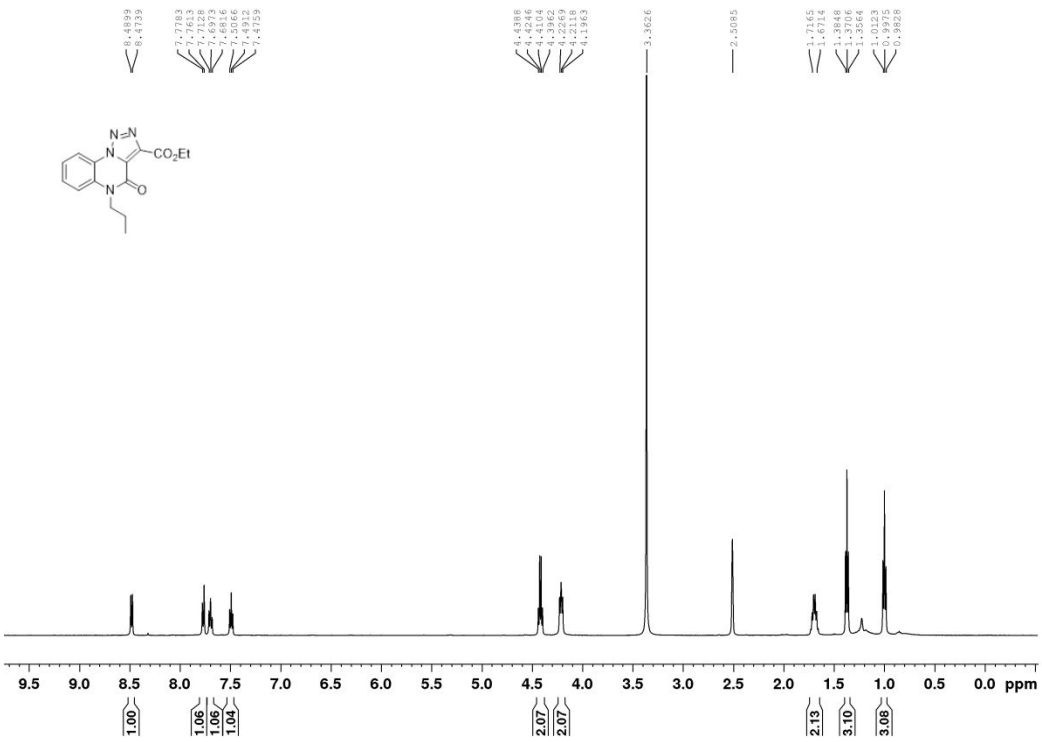
^{13}C{1H} NMR (125 MHz) of **3h** in $CDCl_3$



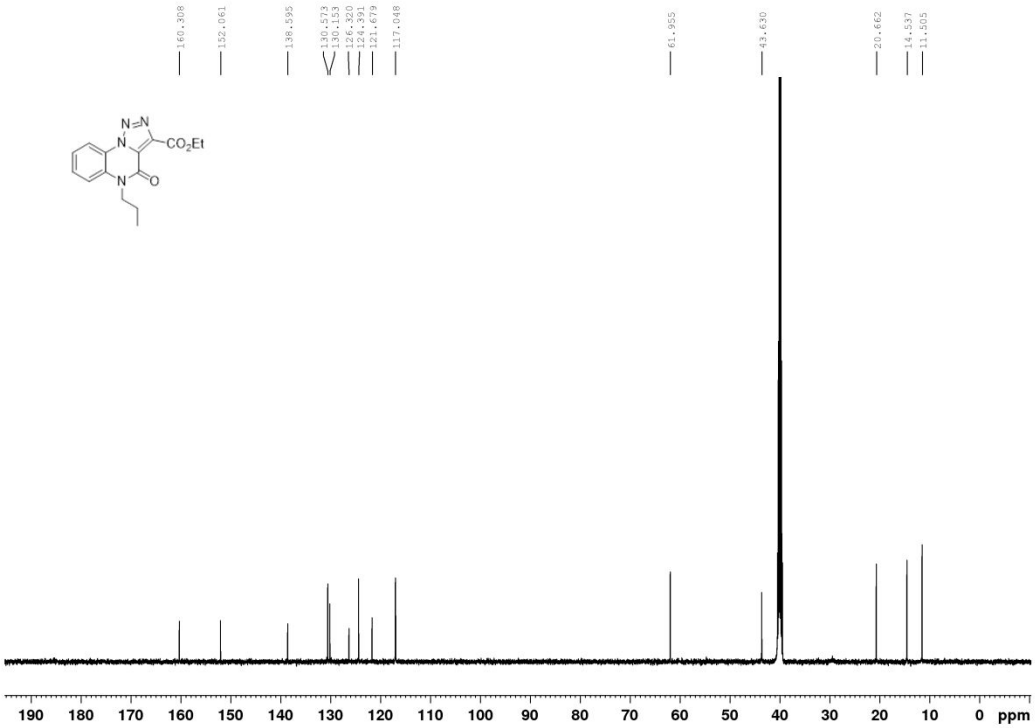
^{1}H NMR (300 MHz) of **3i** in $CDCl_3$



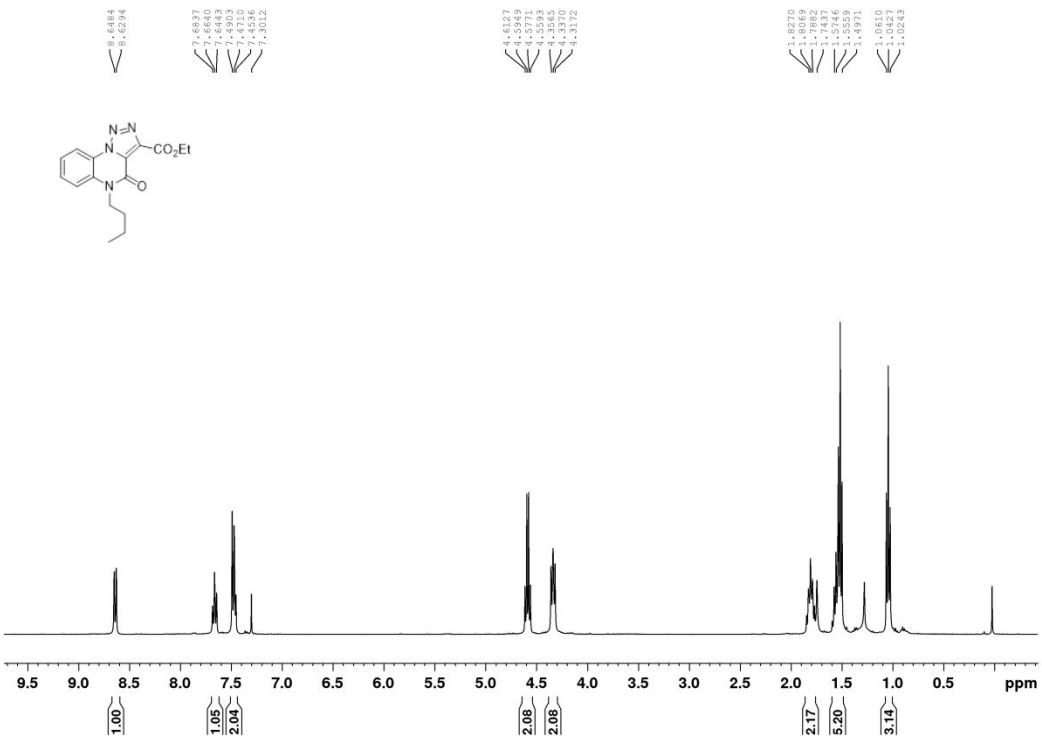
^{13}C{1H} NMR (100 MHz) of **3i** in $CDCl_3$



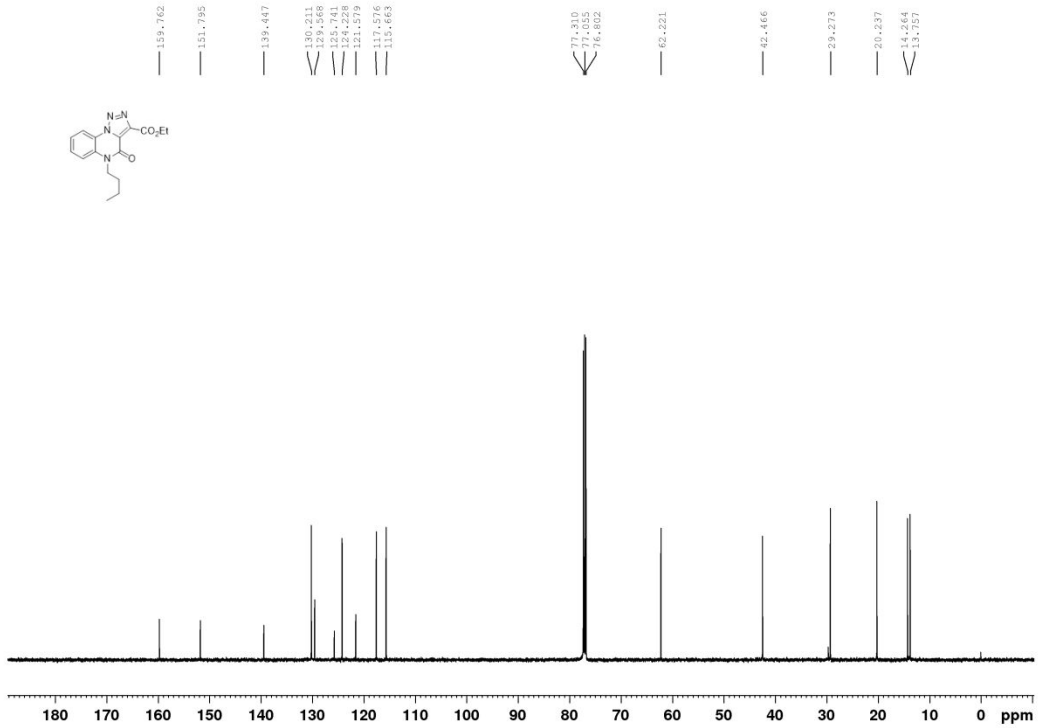
^{1}H NMR (400 MHz) of **3j** in DMSO



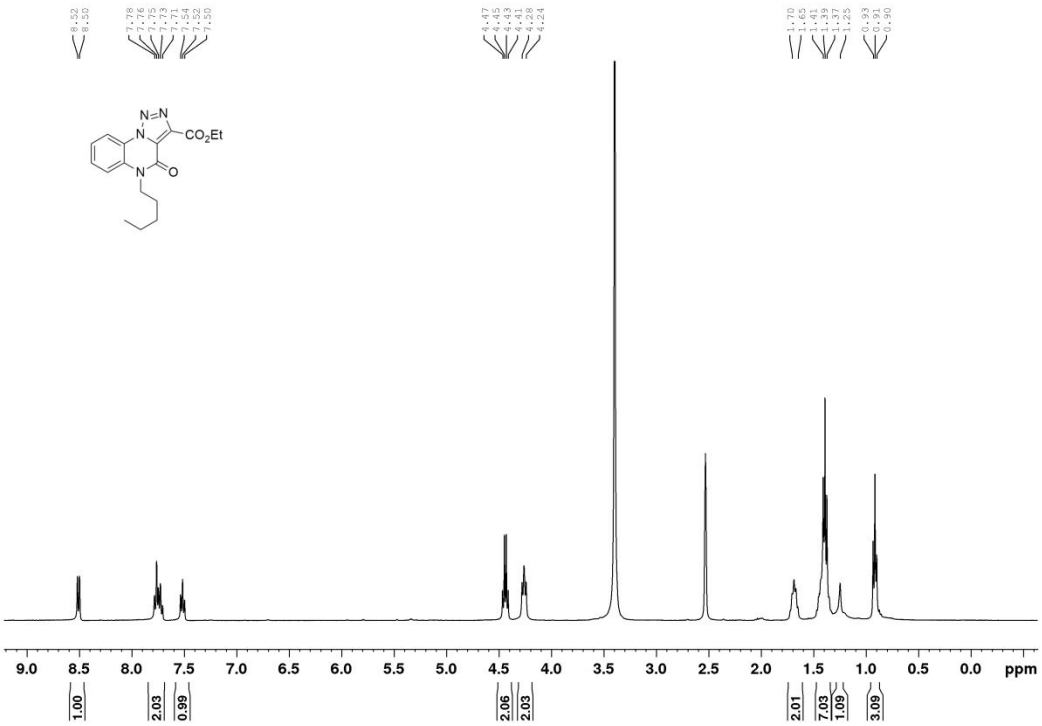
^{13}C{1H} NMR (125 MHz) of **3j** in DMSO



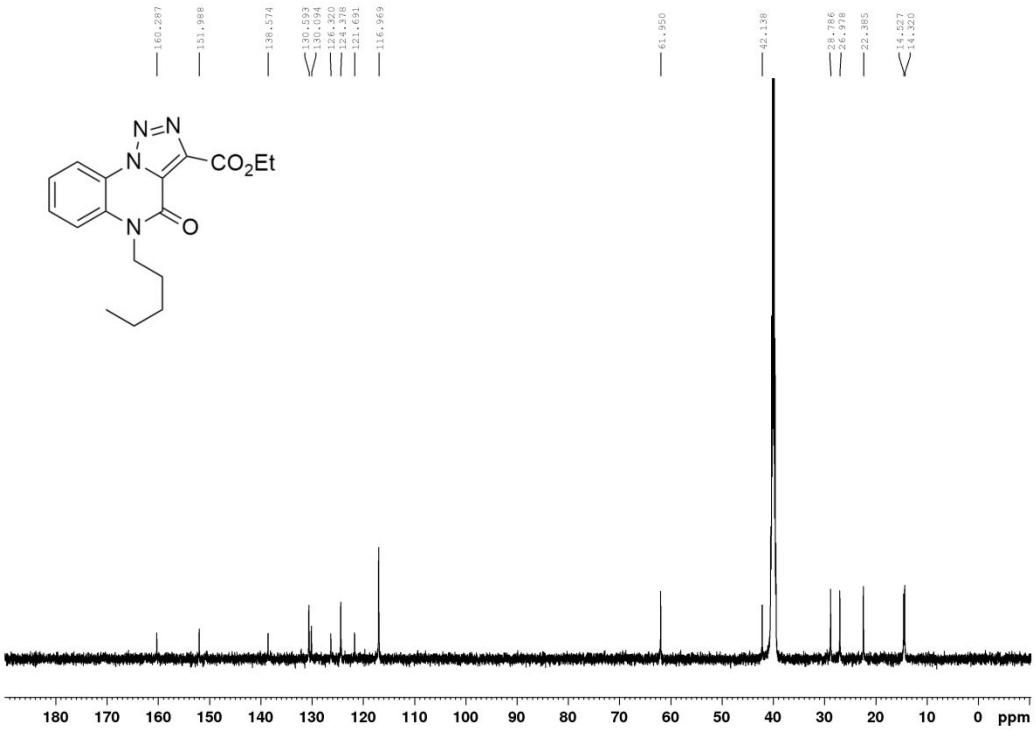
^{1}H NMR (400 MHz) of **3k** in $CDCl_3$



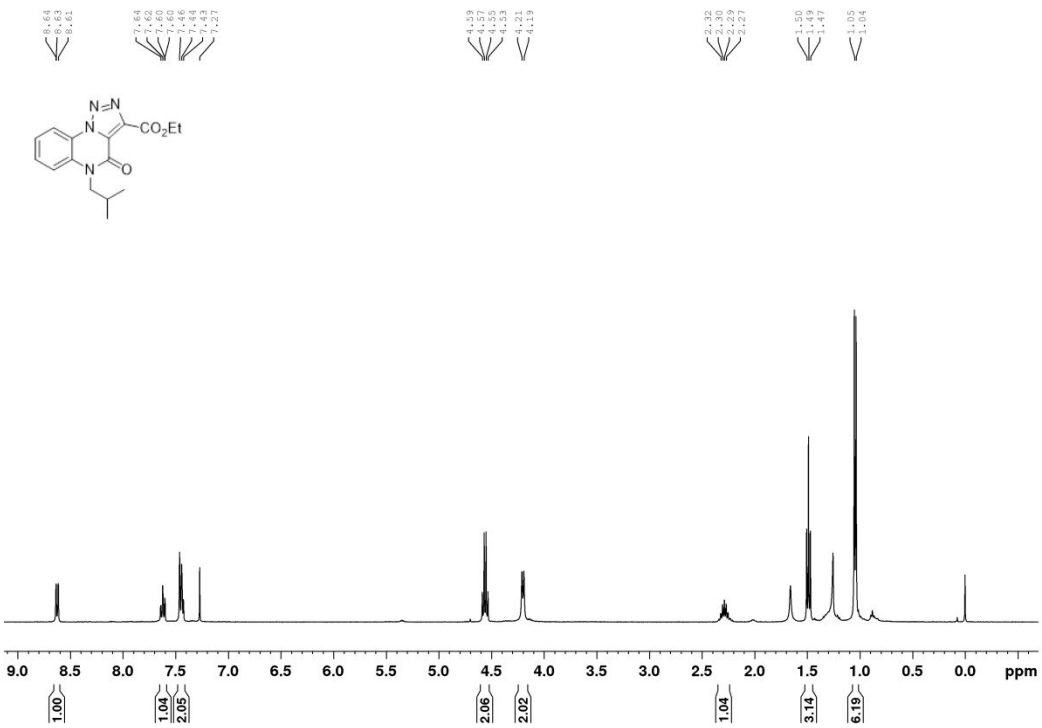
^{13}C{1H} NMR (125 MHz) of **3k** in $CDCl_3$



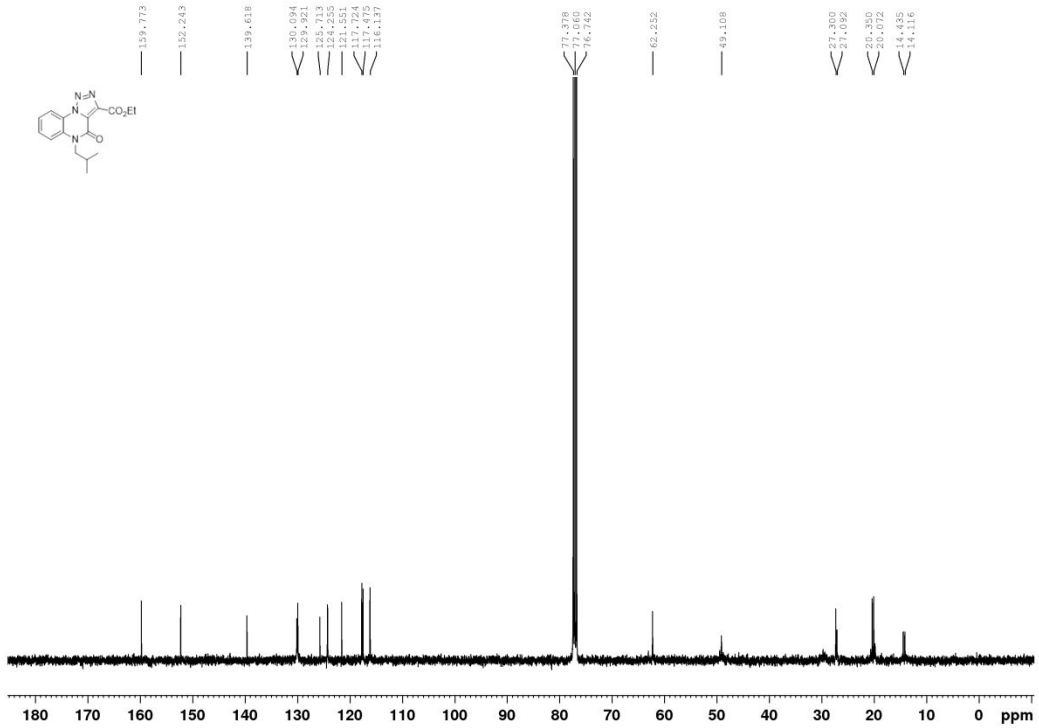
^{1}H NMR (400 MHz) of **3l** in DMSO



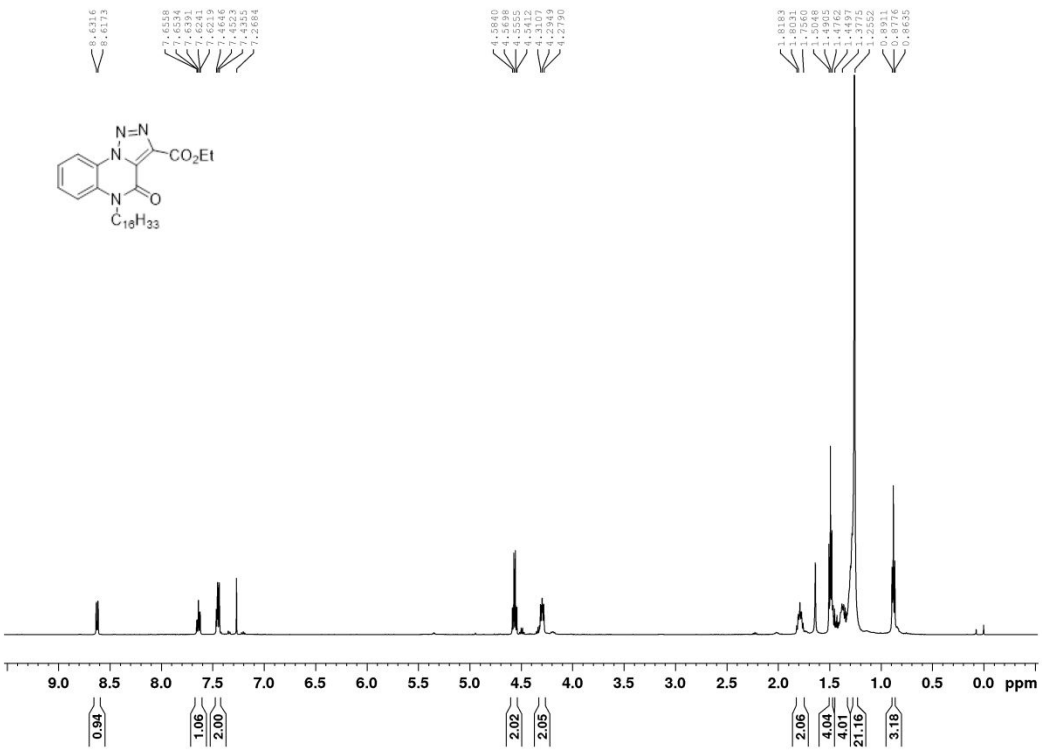
^{13}C{1H} NMR (125 MHz) of **3l** in DMSO



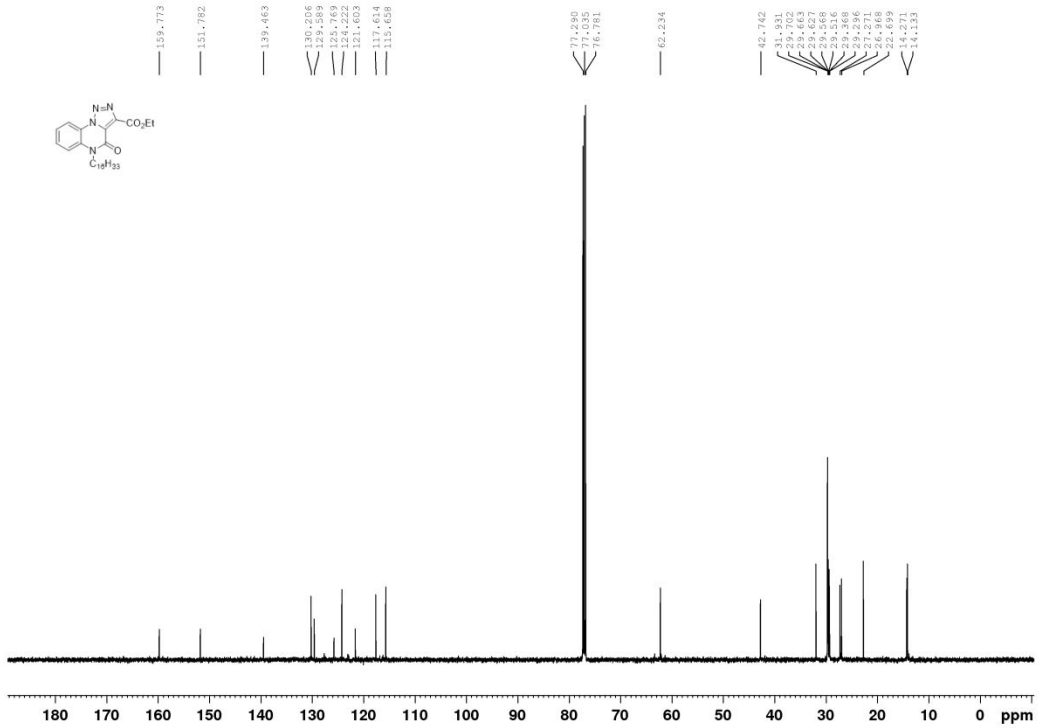
^{1}H NMR (400 MHz) of **3m** in $CDCl_3$



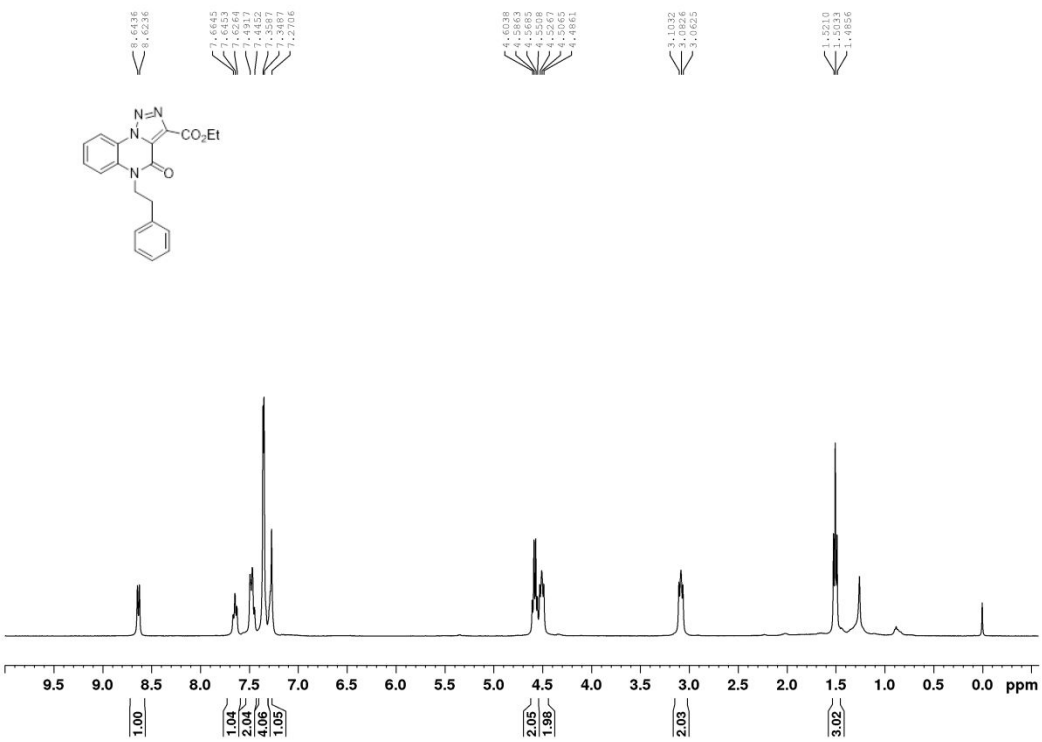
^{13}C{1H} NMR (125 MHz) of **3m** in $CDCl_3$



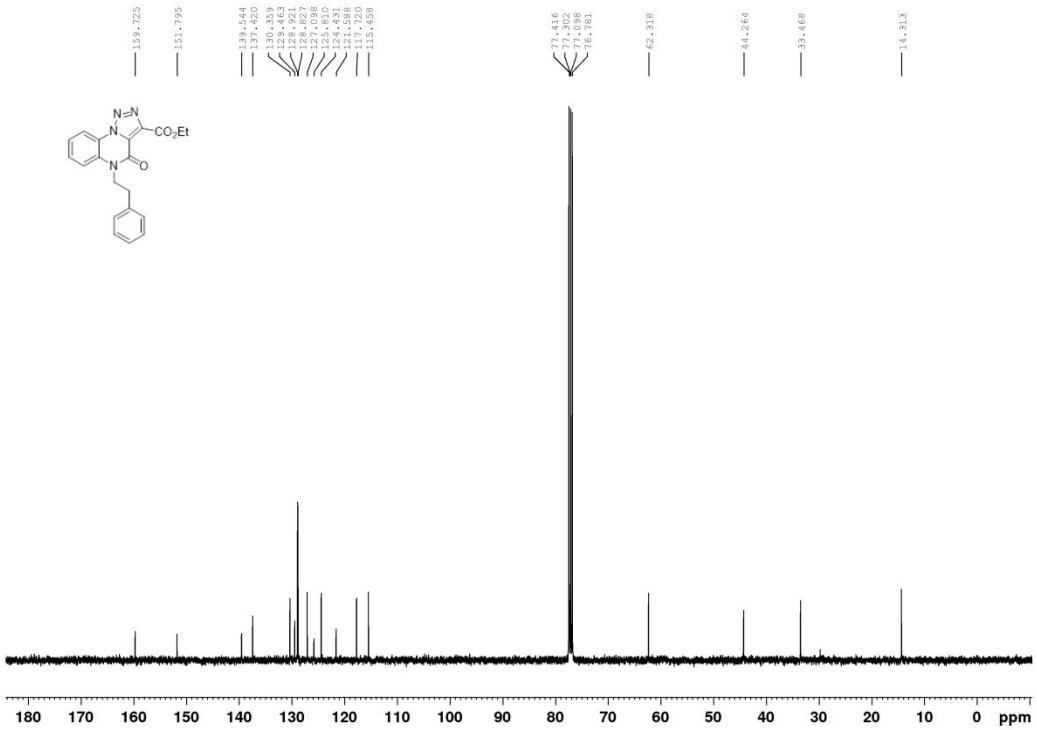
^{1}H NMR (400 MHz) of **3n** in $CDCl_3$



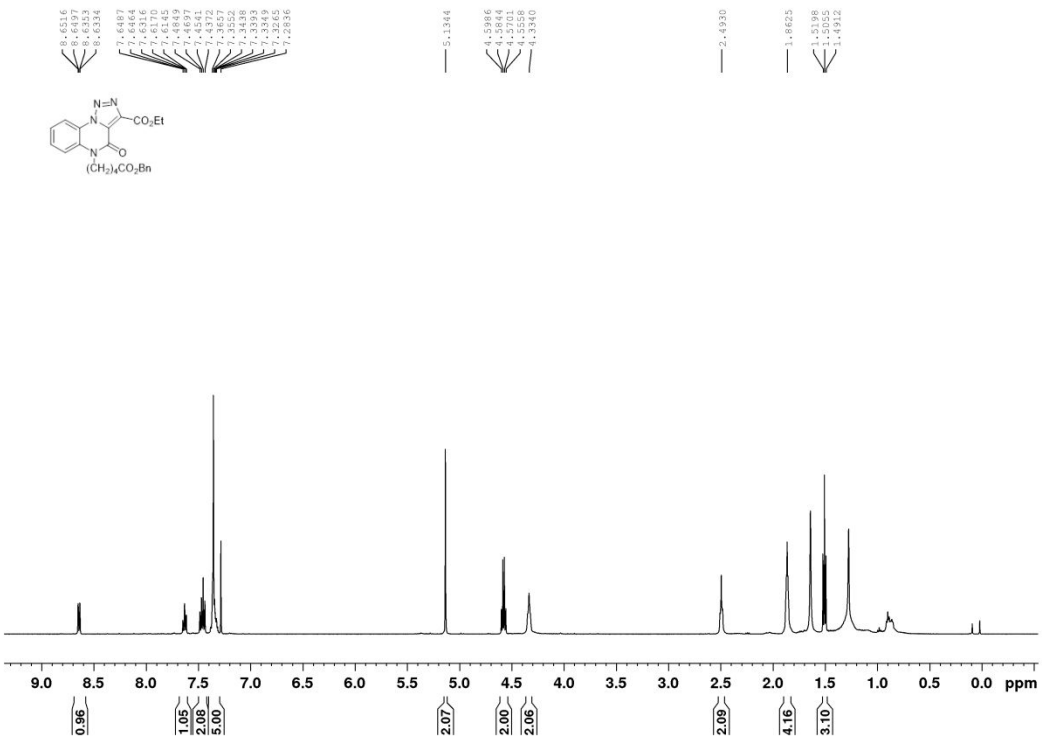
^{13}C{1H} NMR (125 MHz) of **3n** in $CDCl_3$



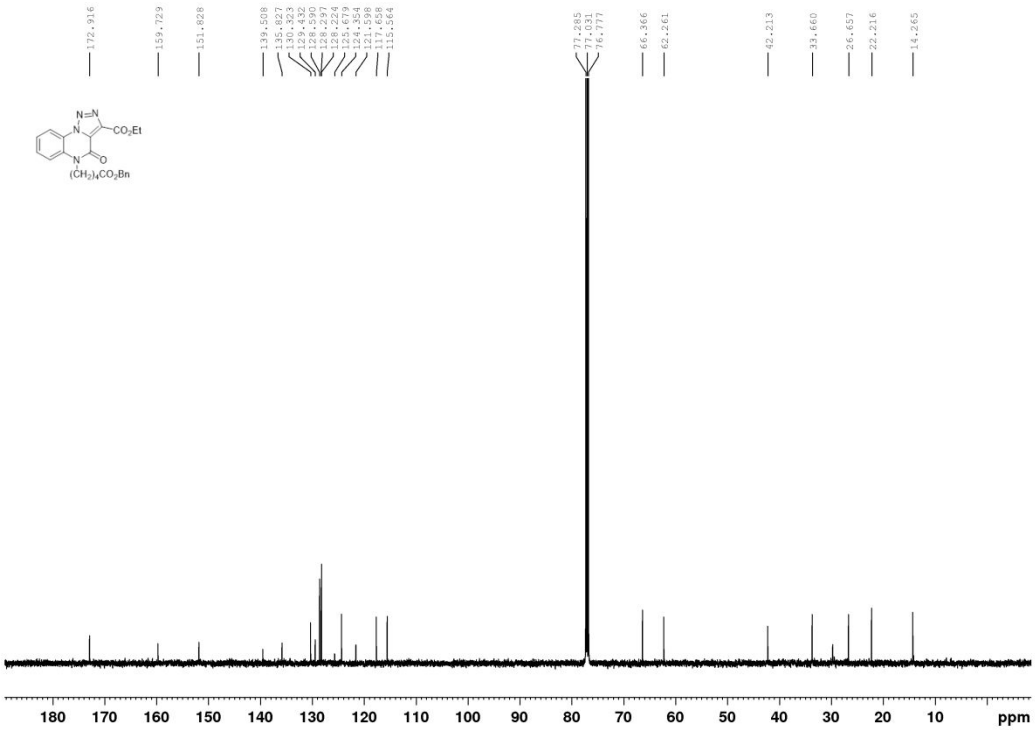
^{1}H NMR (400 MHz) of **3o** in $CDCl_3$



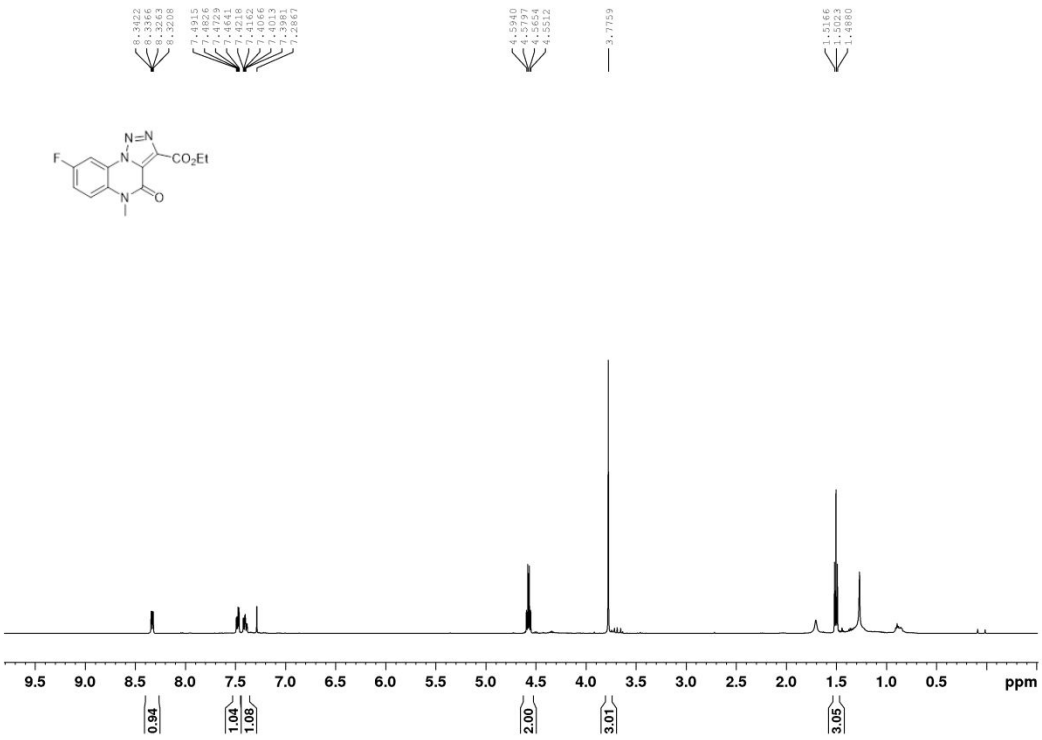
^{13}C{1H} NMR (100 MHz) of **3o** in $CDCl_3$



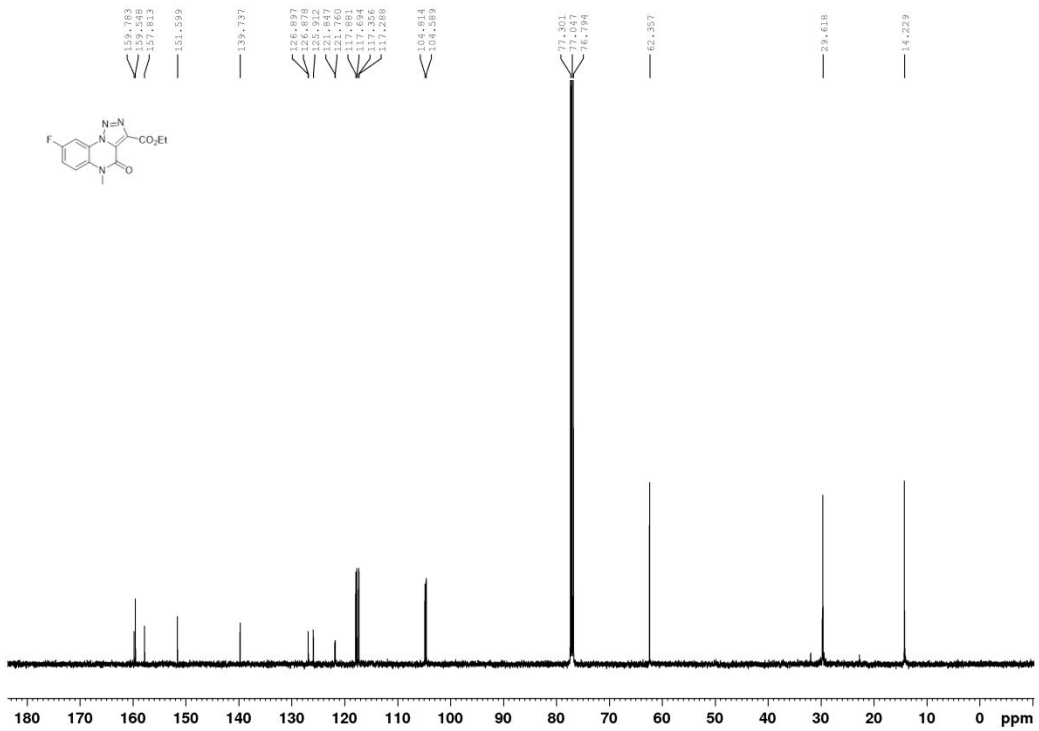
^{1}H NMR (500 MHz) of **3p** in $CDCl_3$



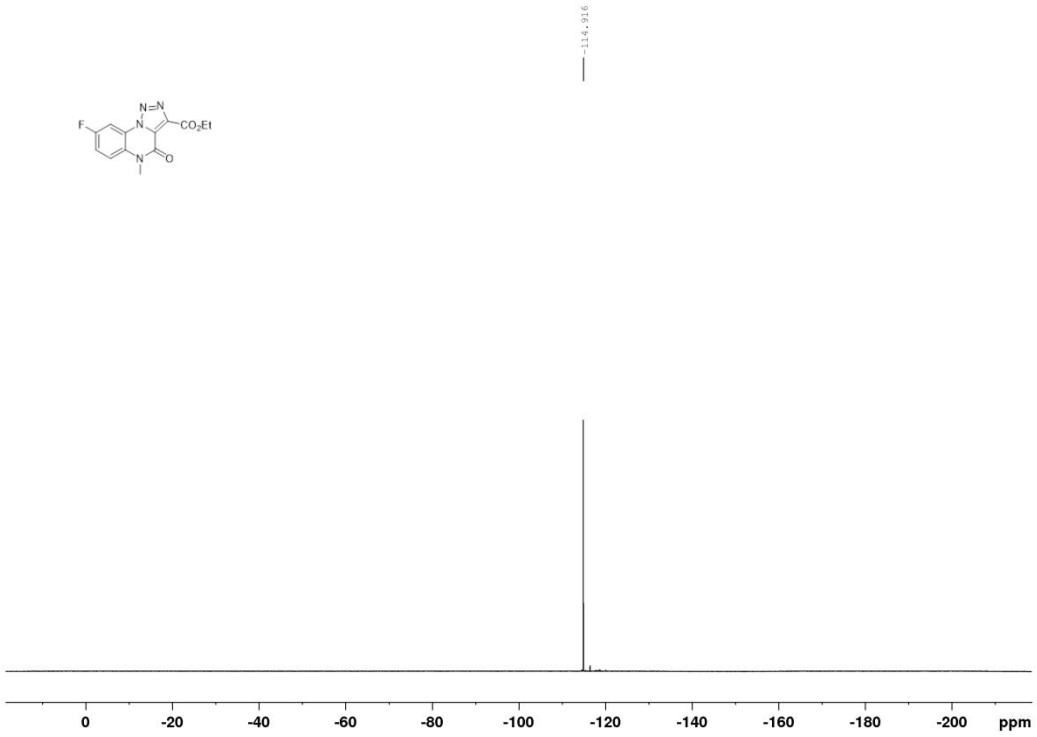
^{13}C{1H} NMR (125 MHz) of **3p** in $CDCl_3$



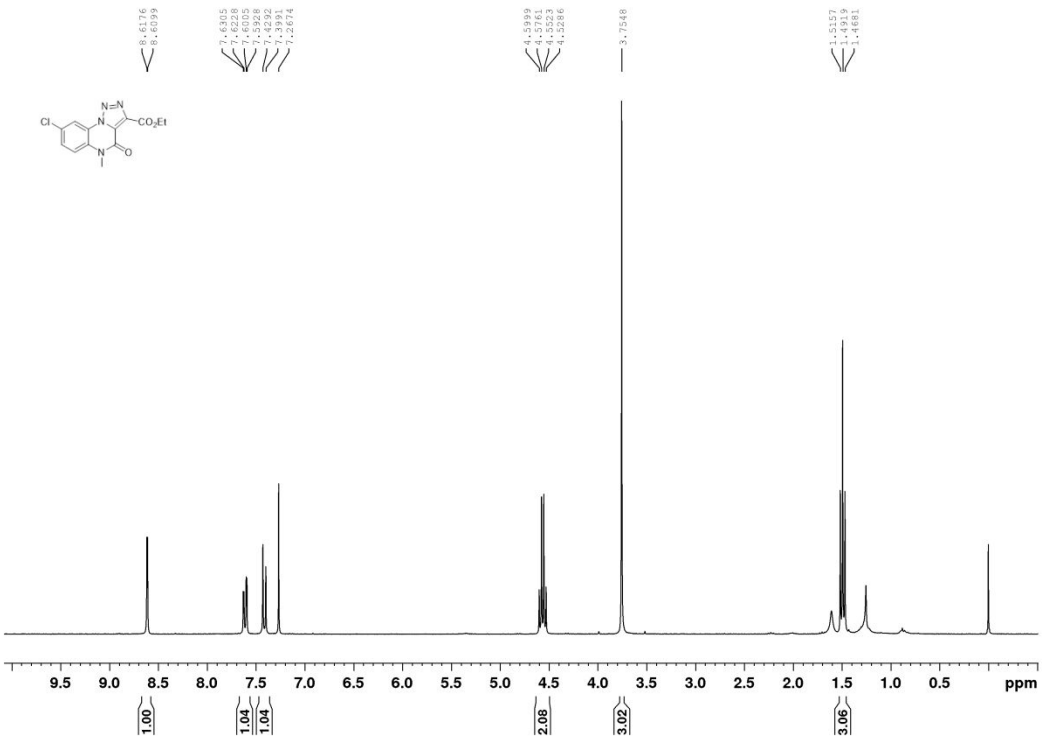
^{1}H NMR (500 MHz) of **3aa** in $CDCl_3$



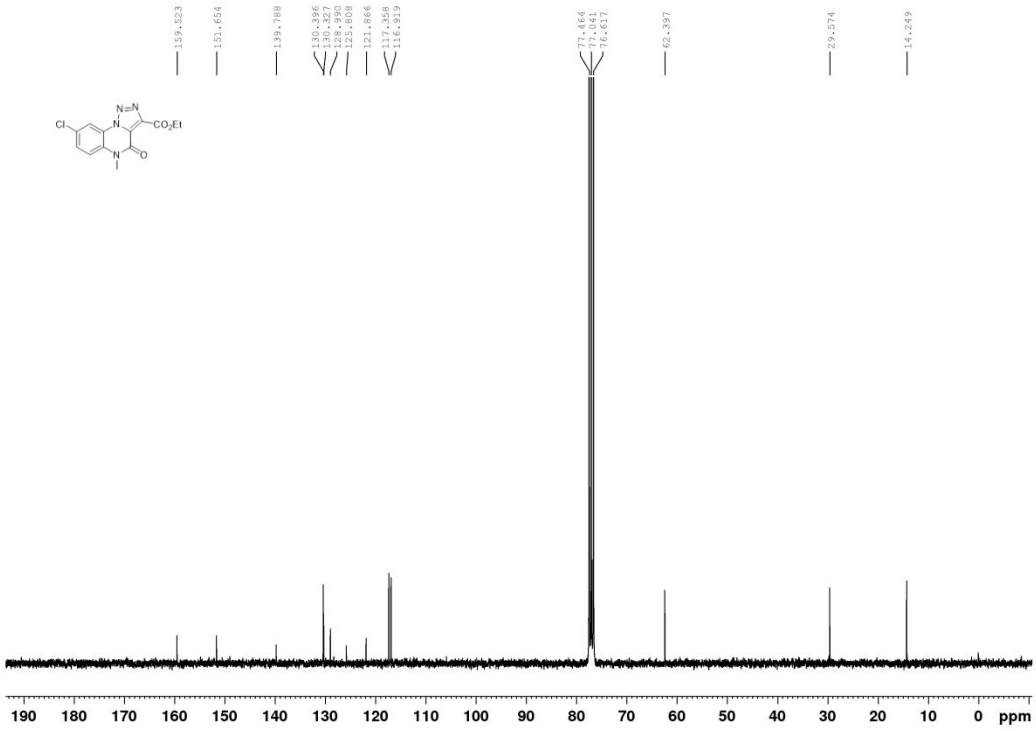
^{13}C{1H} NMR (125 MHz) of **3aa** in $CDCl_3$



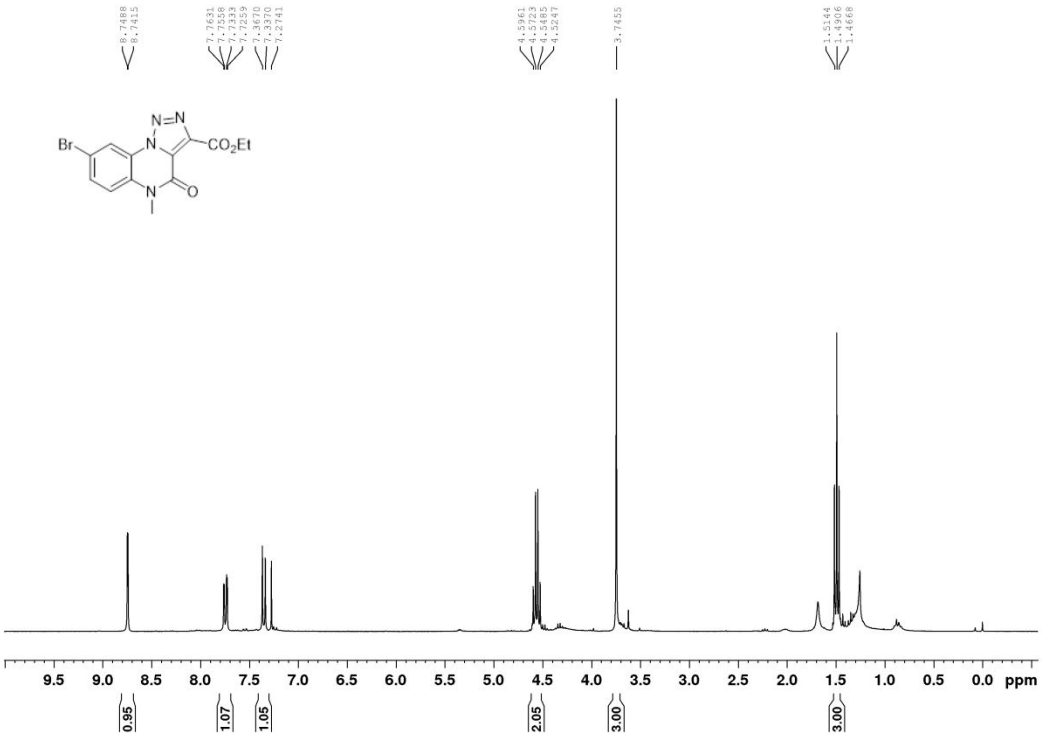
^{19}F NMR (282 MHz) of **3aa** in $CDCl_3$



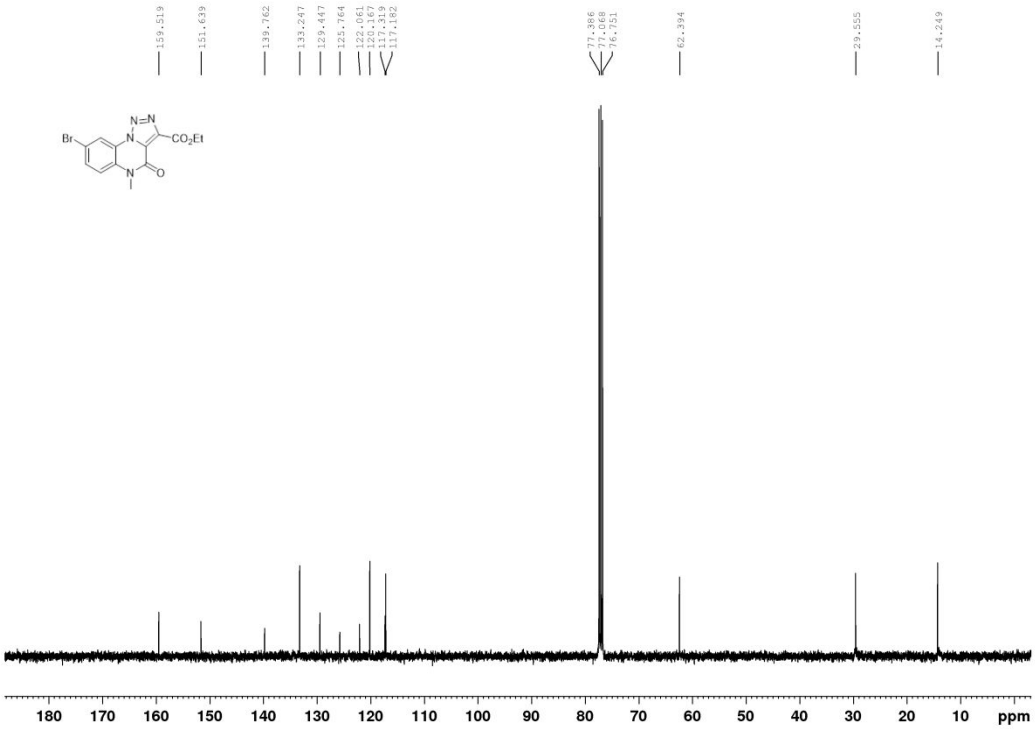
^{1}H NMR (300 MHz) of **3ab** in $CDCl_3$



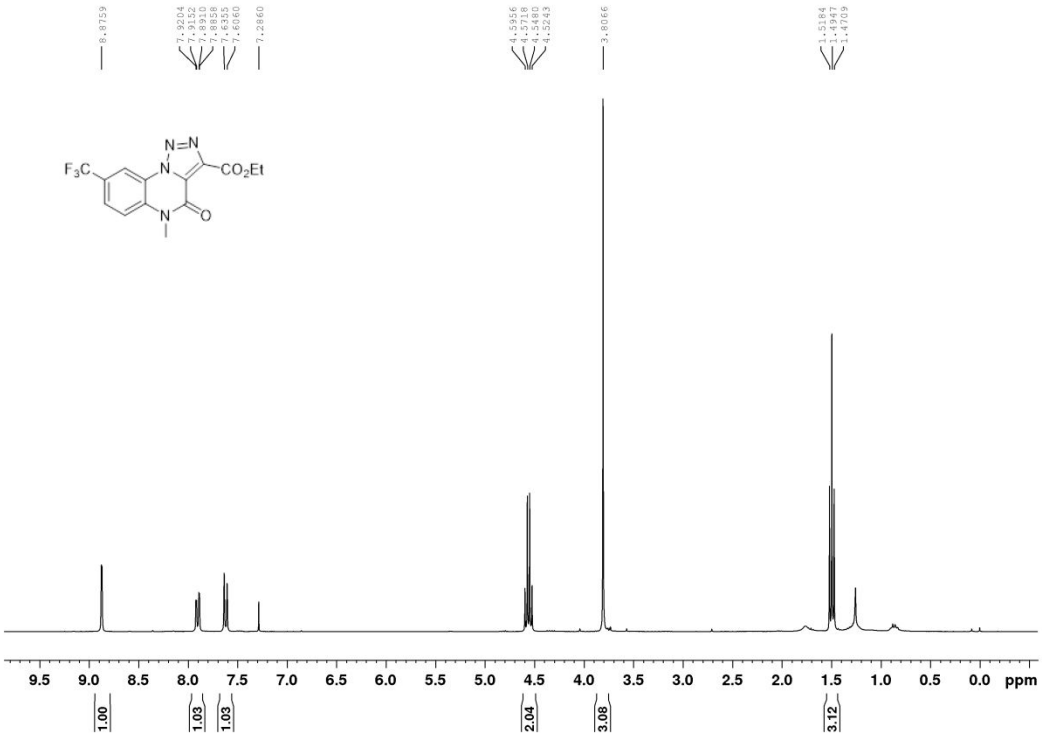
$^{13}C\{1H\}$ NMR (75 MHz) of **3ab** in $CDCl_3$



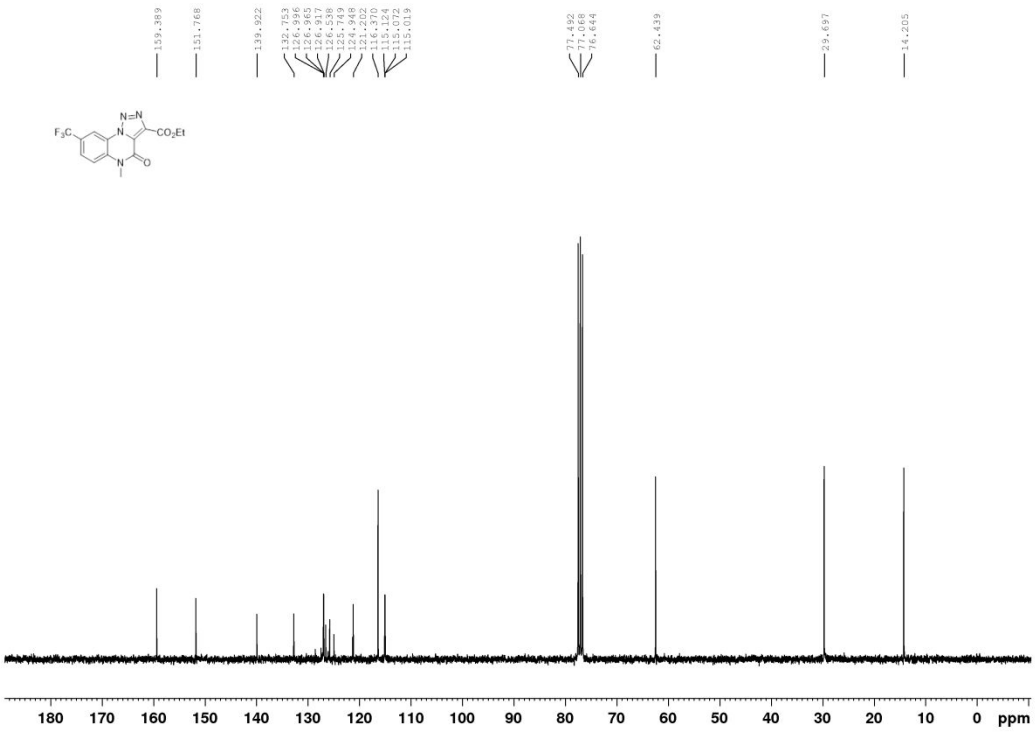
^{1}H NMR (300 MHz) of **3ac** in $CDCl_3$



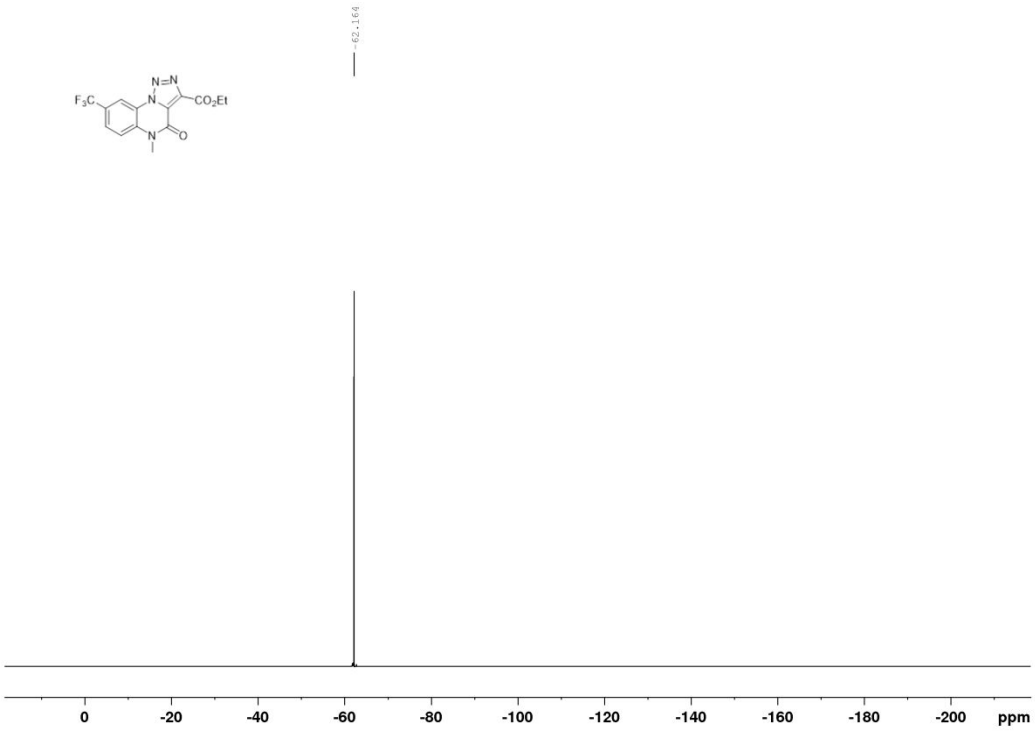
$^{13}C\{1H\}$ NMR (100 MHz) of **3ac** in $CDCl_3$



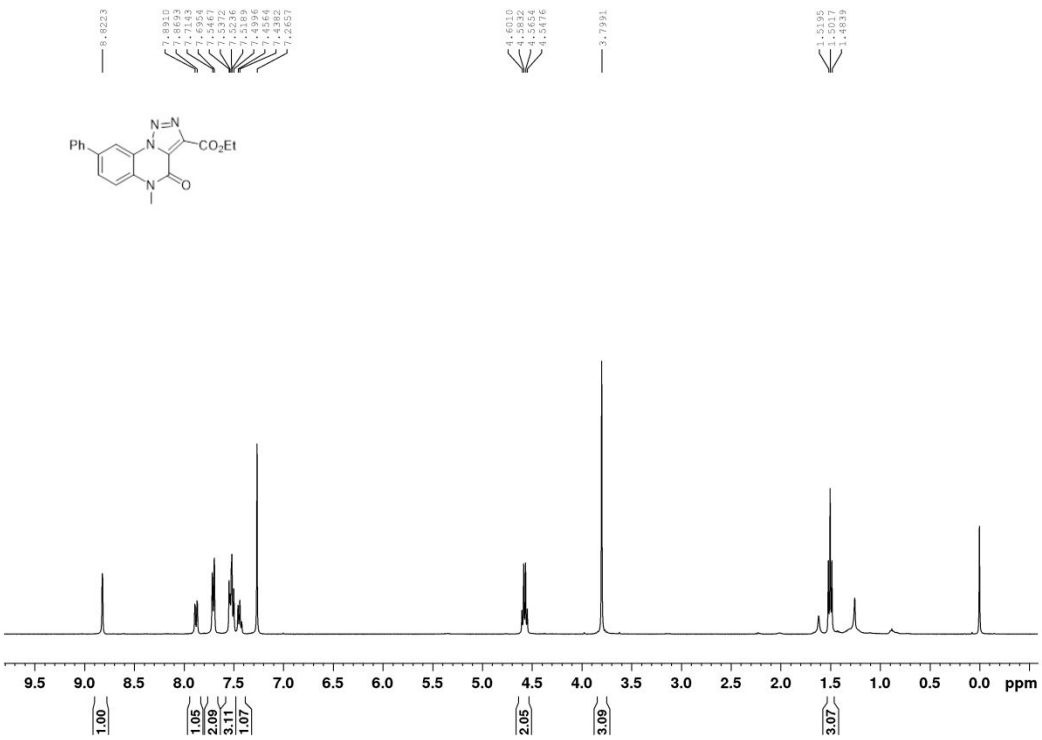
^{1}H NMR (300 MHz) of **3ad** in $CDCl_3$



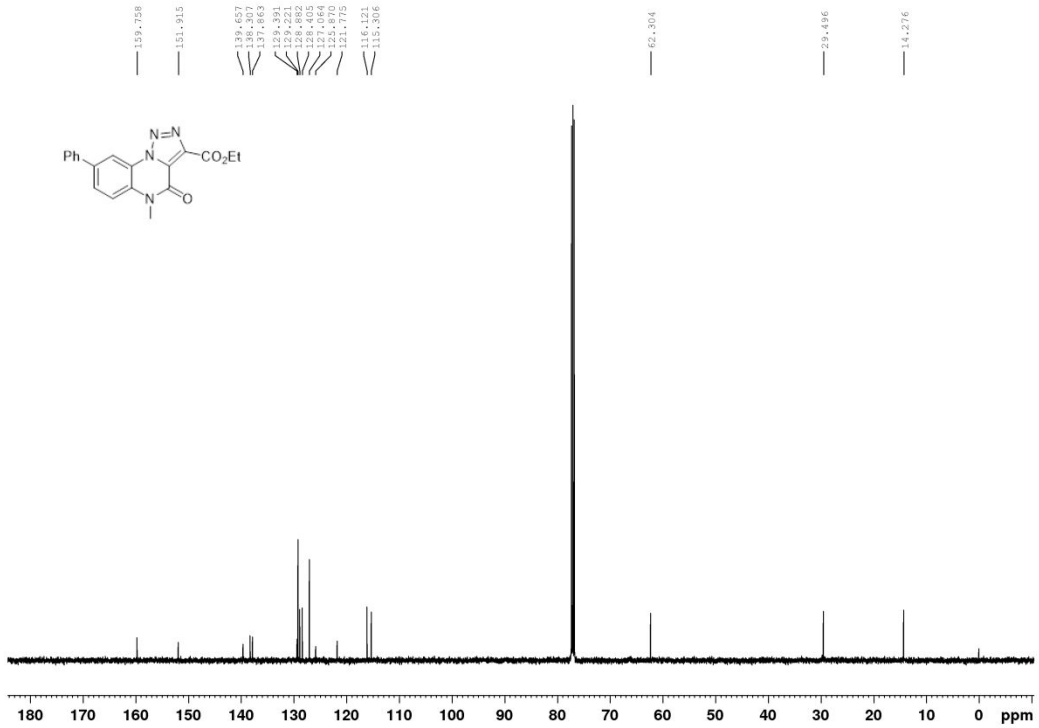
$^{13}C\{1H\}$ NMR (75 MHz) of **3ad** in $CDCl_3$



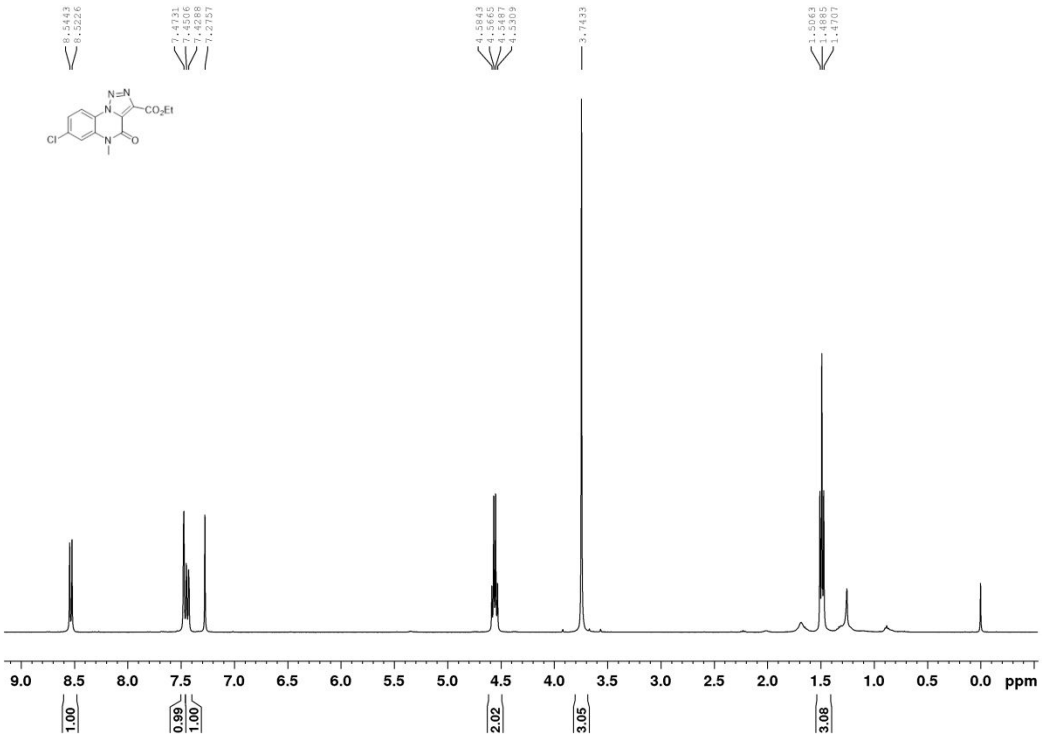
^{19}F NMR (282 MHz) of **3ad** in $CDCl_3$



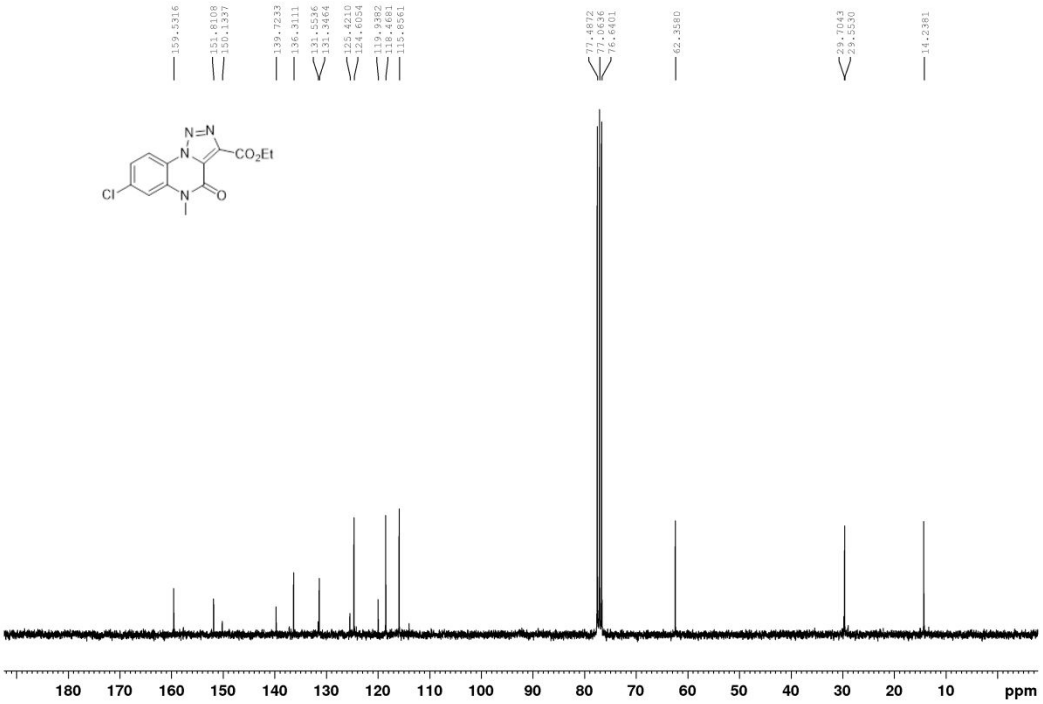
^{1}H NMR (400 MHz) of **3ae** in $CDCl_3$



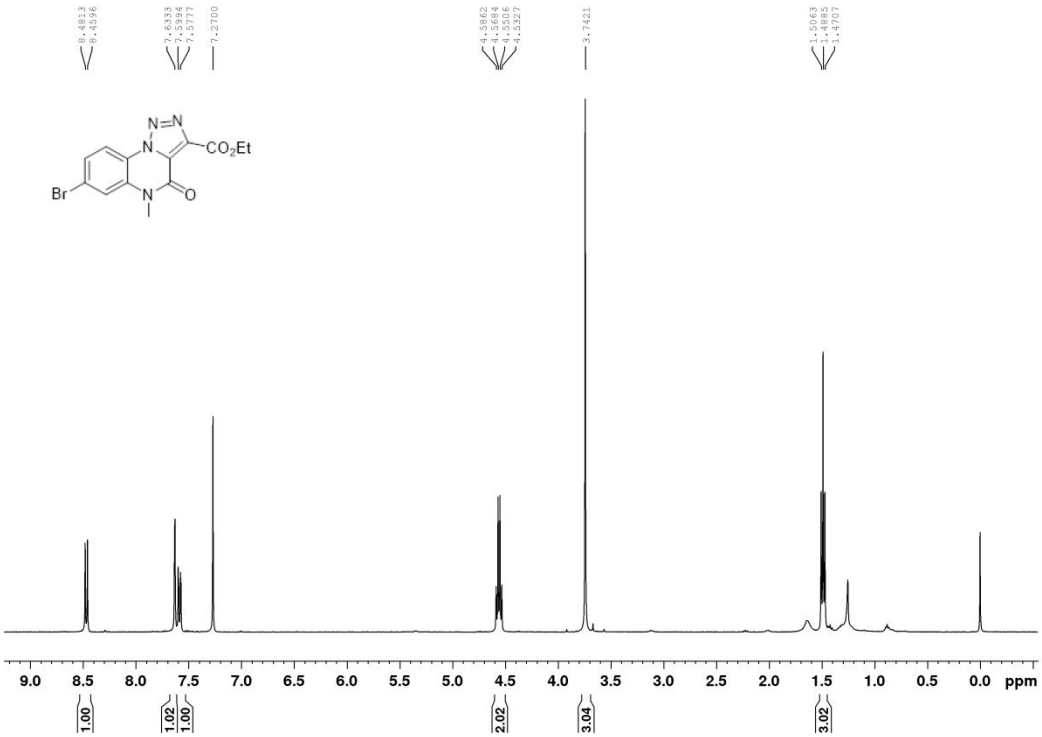
^{13}C{1H} NMR (125 MHz) of **3ae** in $CDCl_3$



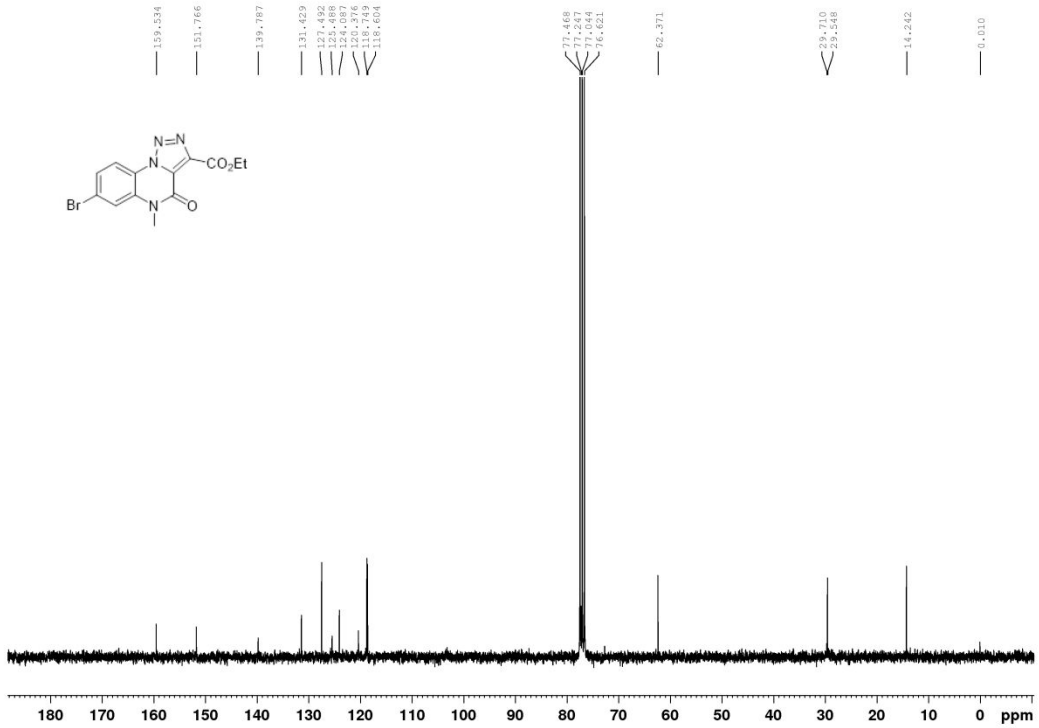
^{1}H NMR (400 MHz) of **3ag** in $CDCl_3$



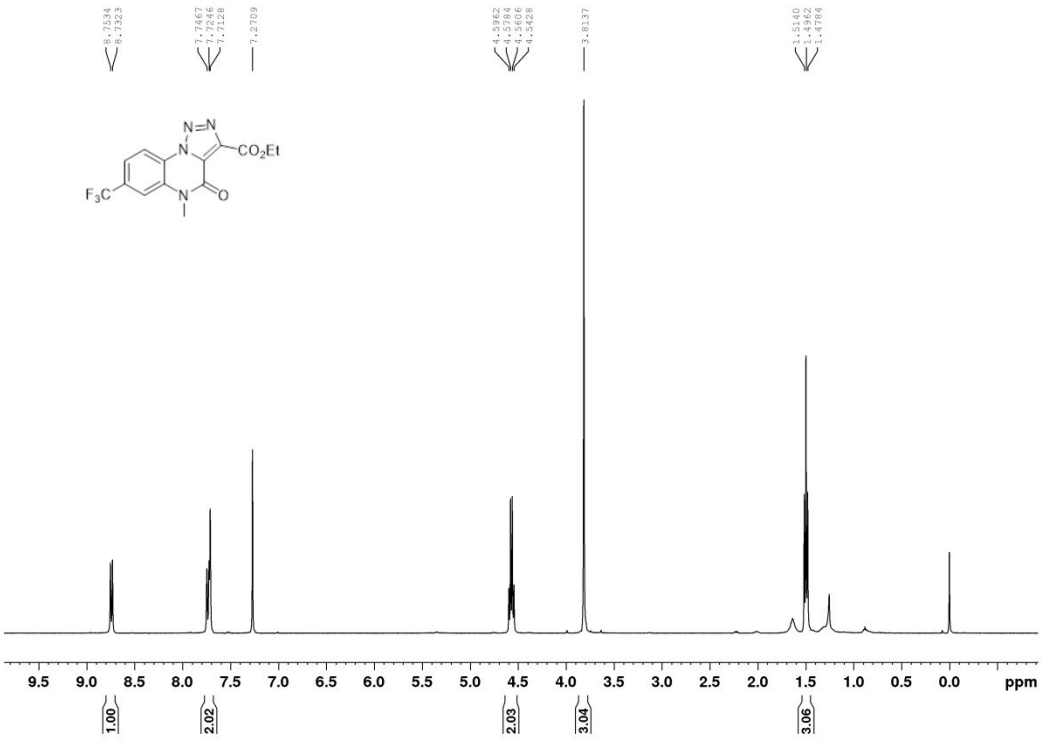
^{13}C{1H} NMR (75 MHz) of **3ag** in $CDCl_3$



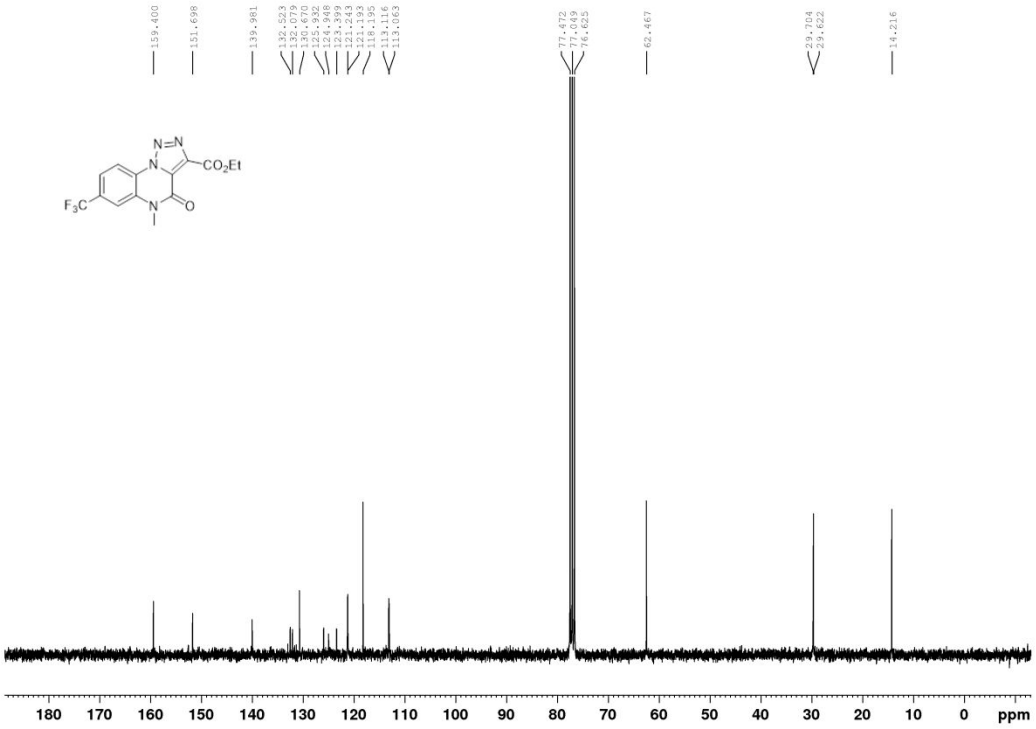
^{1}H NMR (400 MHz) of **3ah** in $CDCl_3$



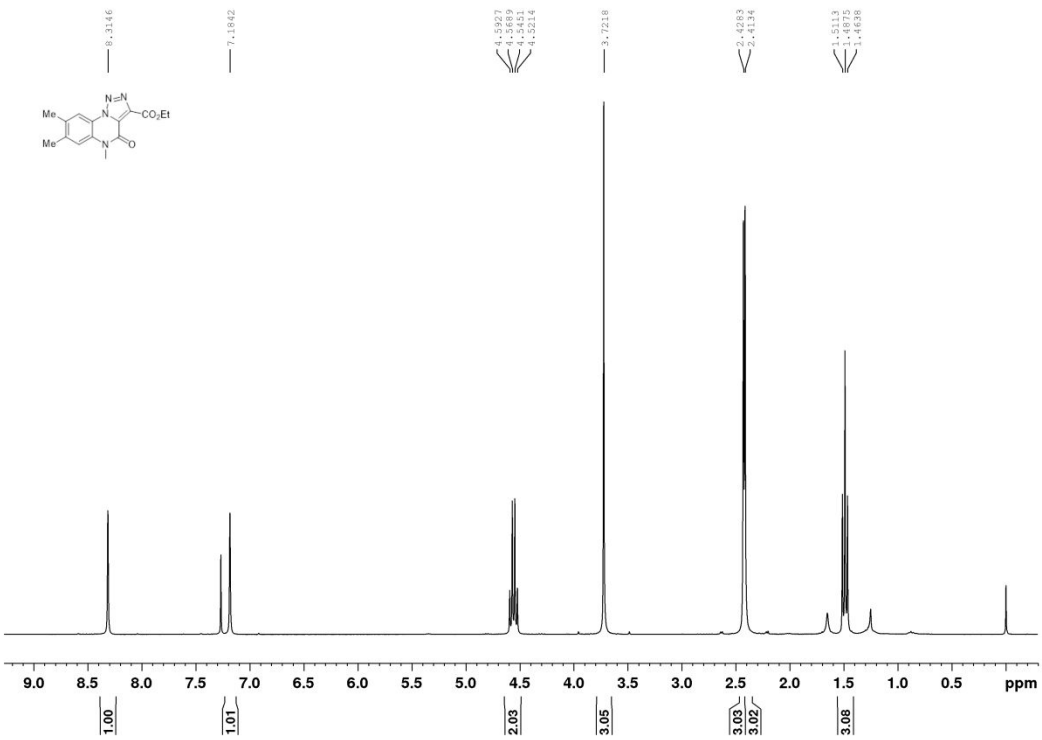
^{13}C{1H} NMR (75 MHz) of **3ah** in $CDCl_3$



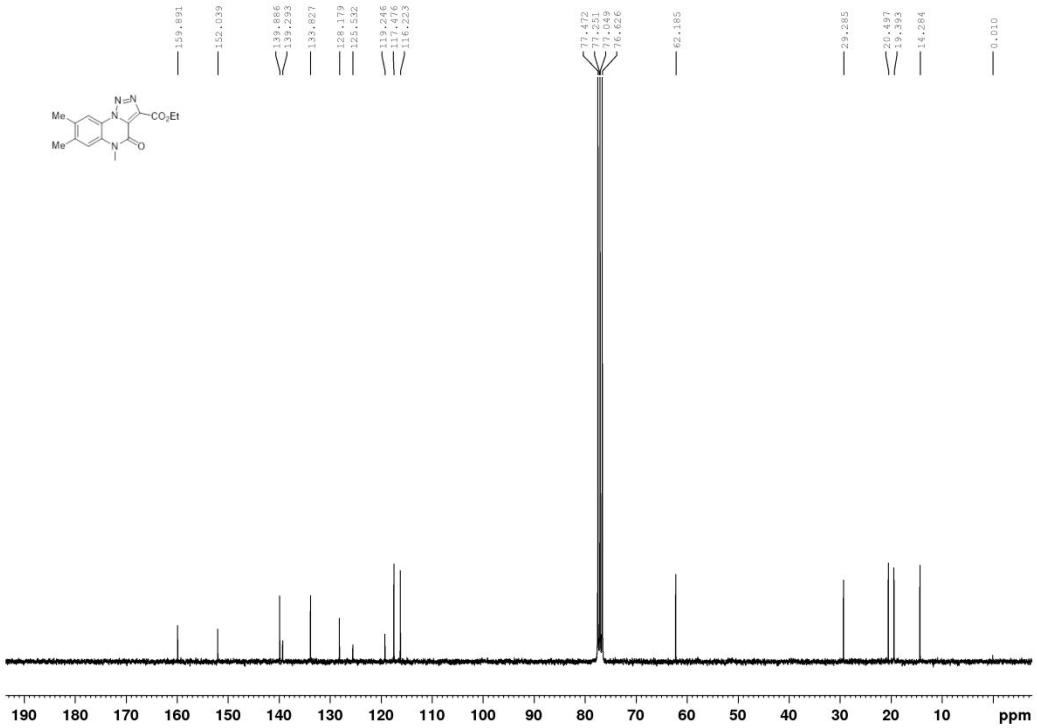
^{1}H NMR (400 MHz) of **3ai** in $CDCl_3$



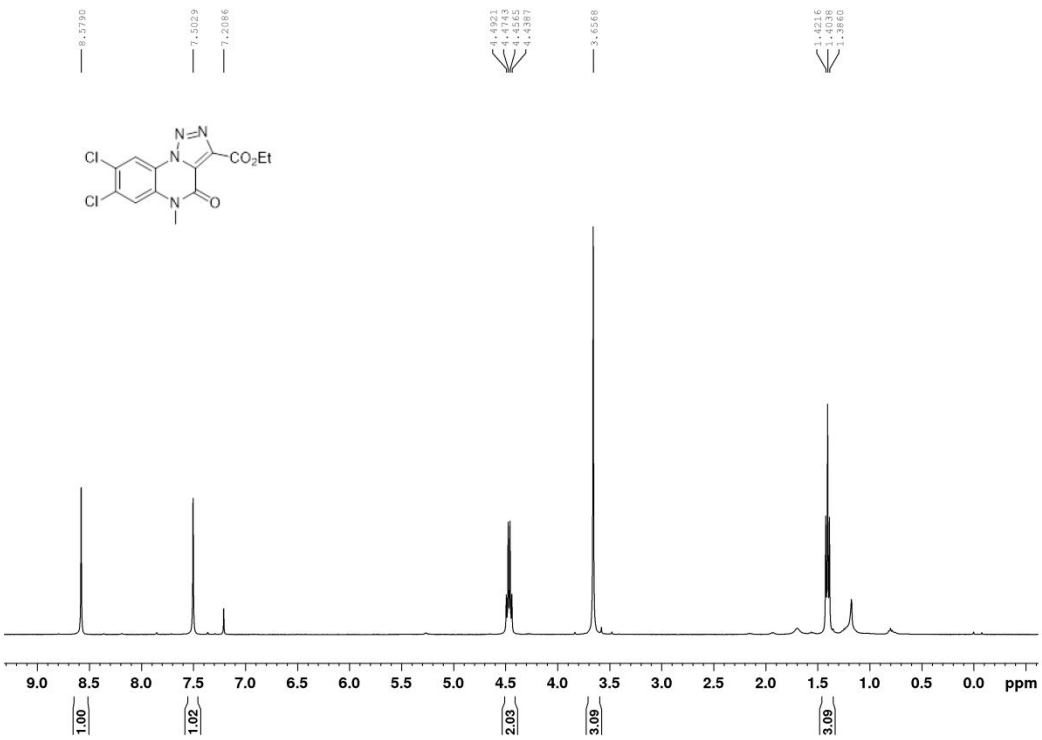
^{13}C{1H} NMR (75 MHz) of **3ai** in $CDCl_3$



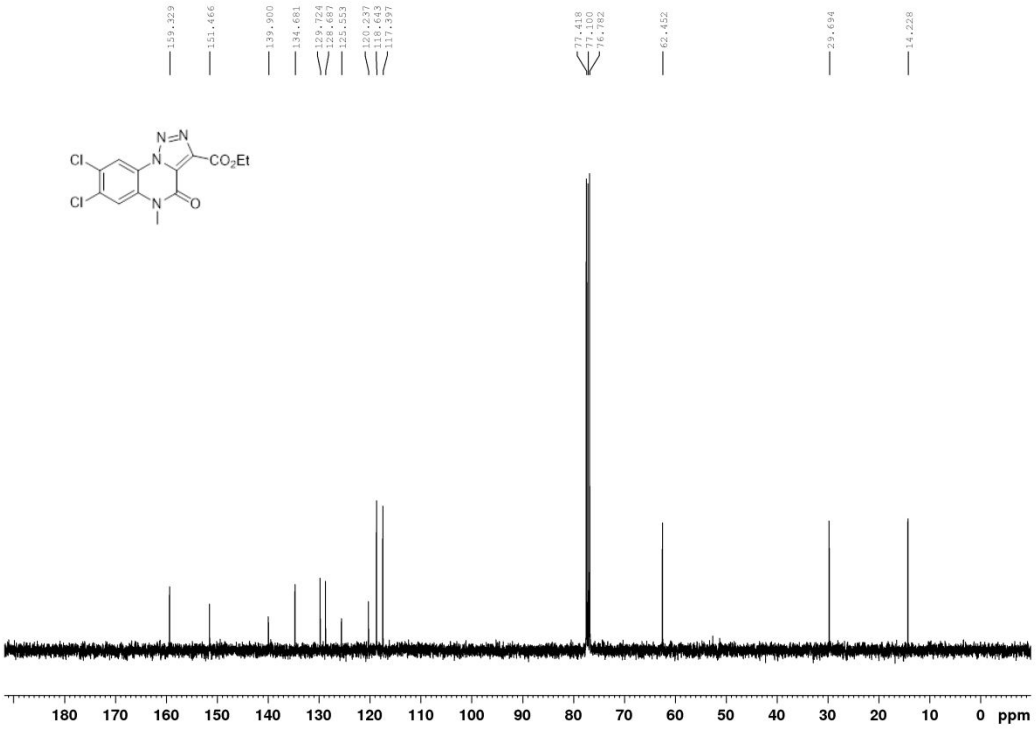
^{1}H NMR (400 MHz) of **3aj** in $CDCl_3$



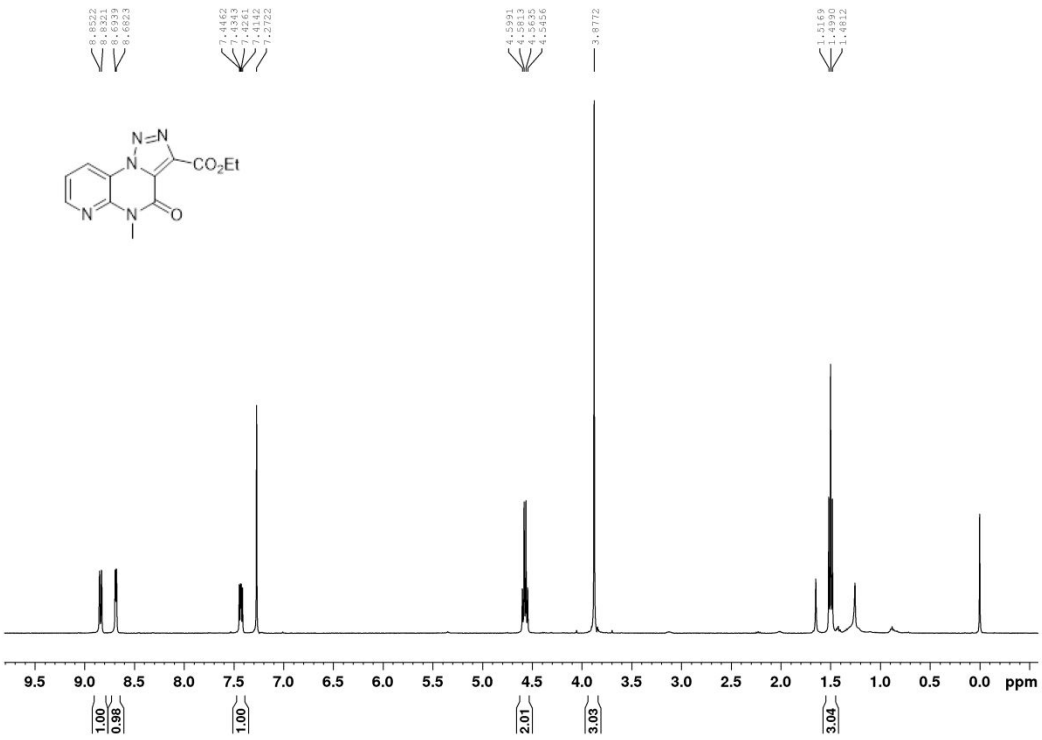
^{13}C{1H} NMR (125 MHz) of **3aj** in $CDCl_3$



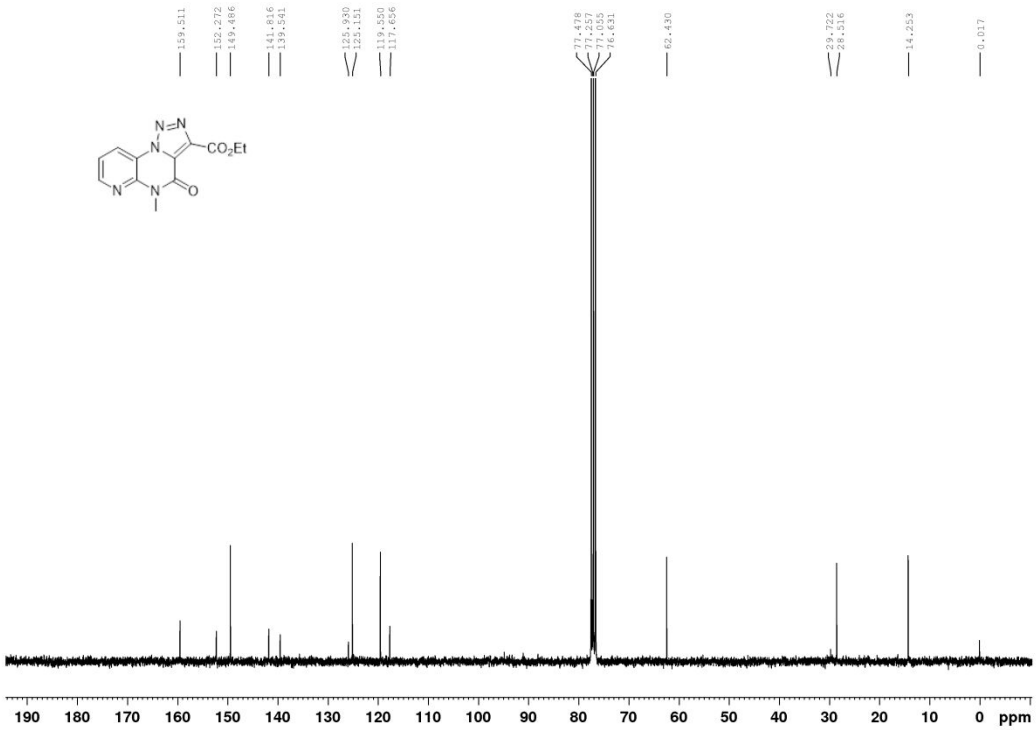
^{1}H NMR (400 MHz) of **3ak** in $CDCl_3$



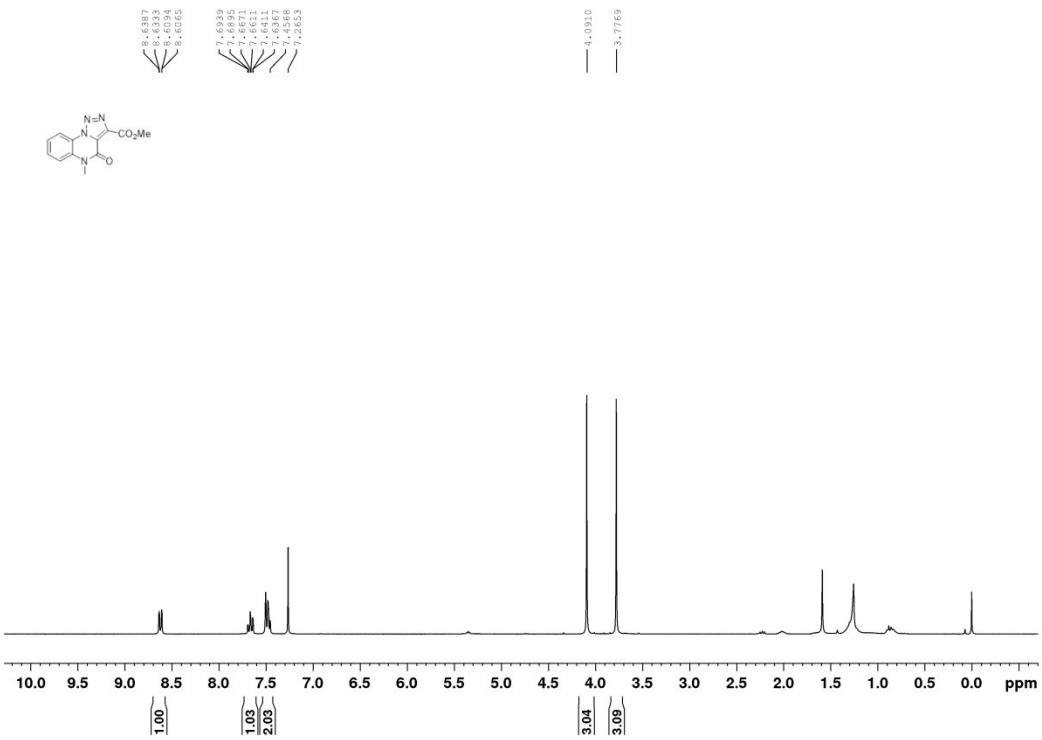
^{13}C{1H} NMR (100 MHz) of **3ak** in $CDCl_3$



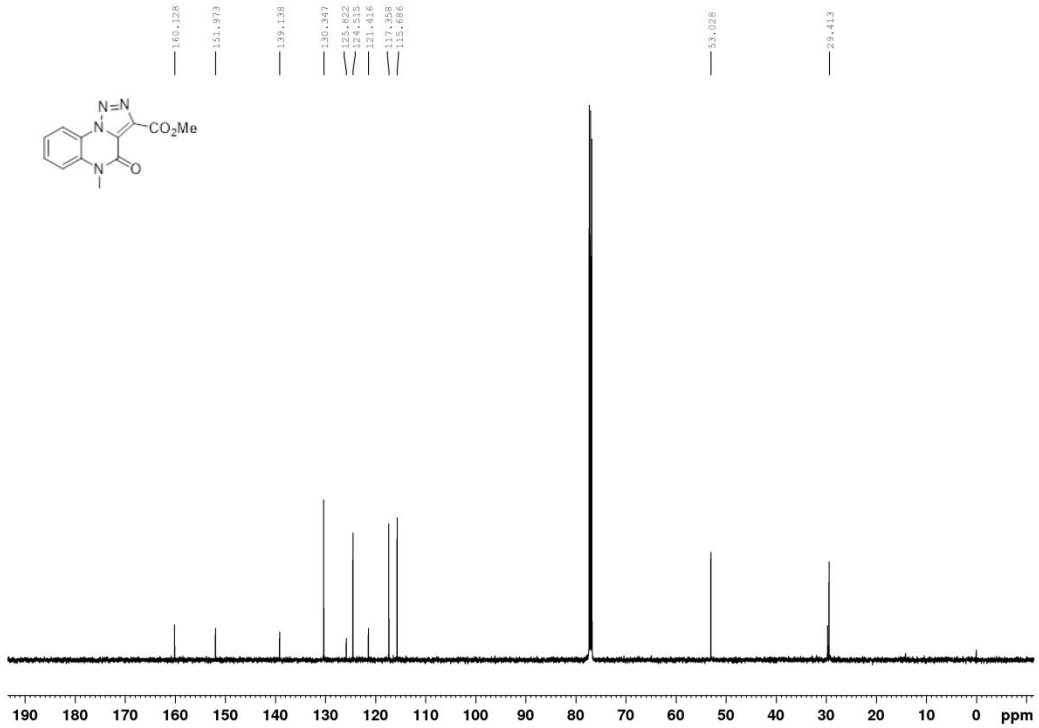
^{1}H NMR (400 MHz) of **3al** in $CDCl_3$



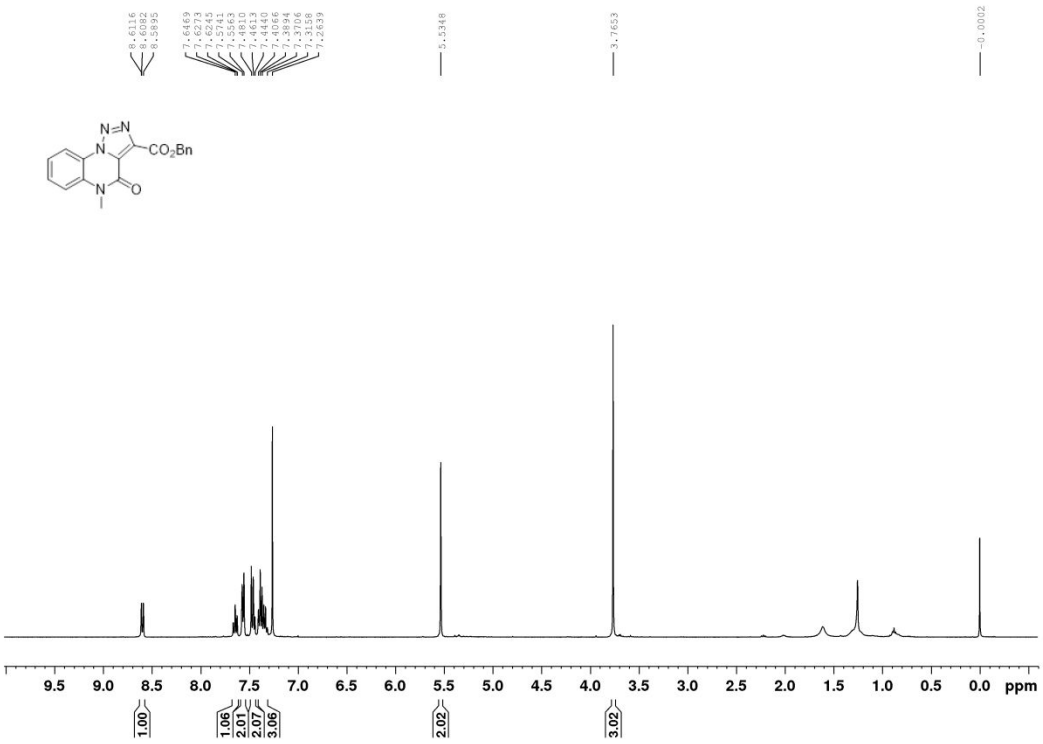
^{13}C{1H} NMR (75 MHz) of **3al** in $CDCl_3$



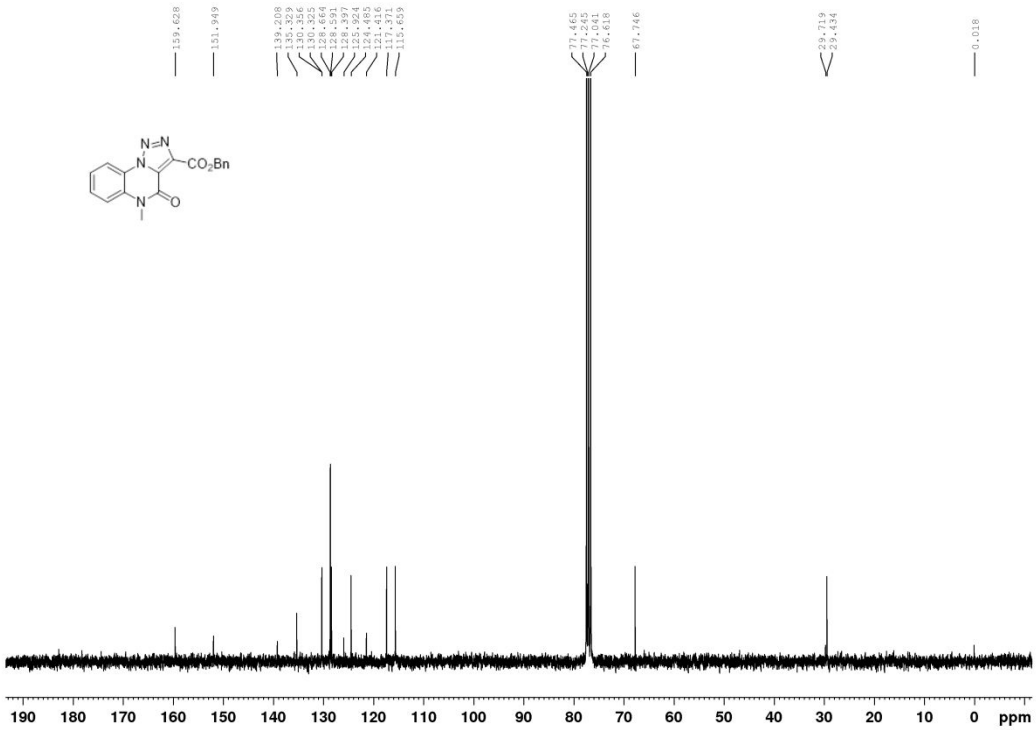
^{1}H NMR (400 MHz) of **3ib** in $CDCl_3$



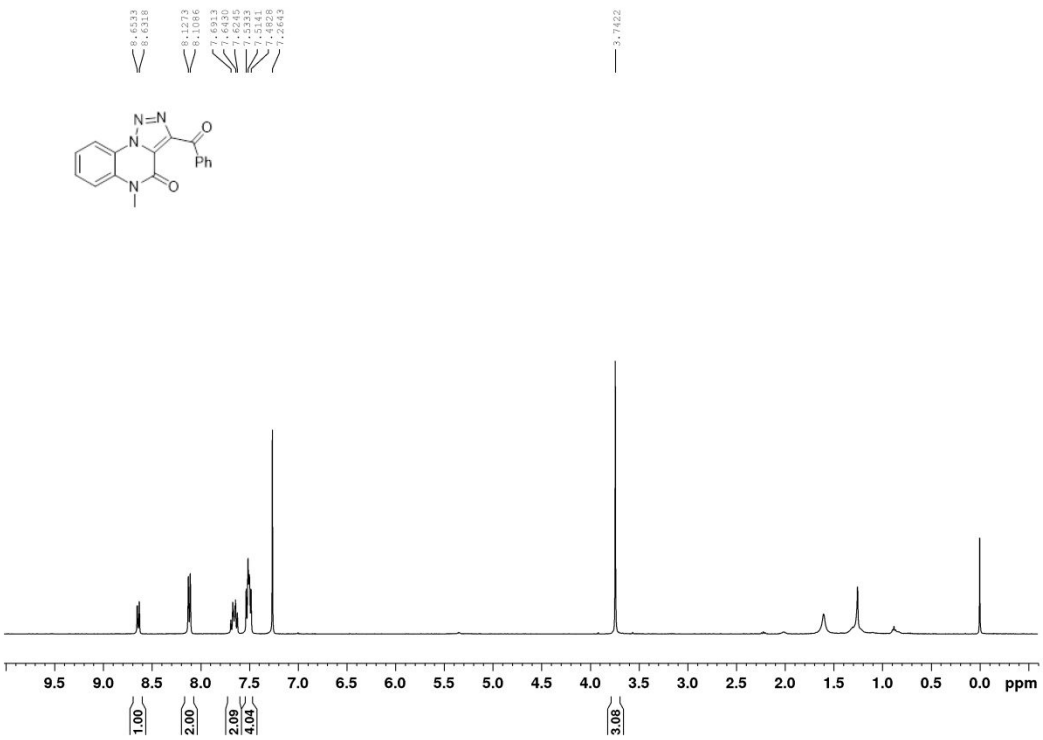
^{13}C{1H} NMR (125 MHz) of **3ib** in $CDCl_3$



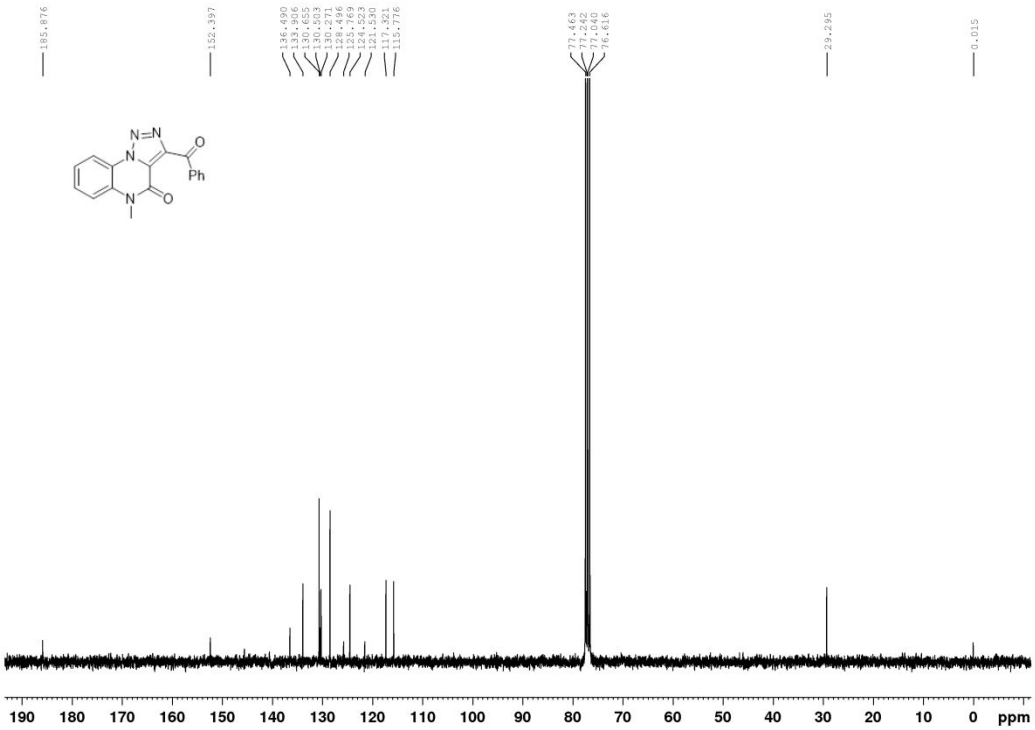
^{1}H NMR (400 MHz) of **3ic** in $CDCl_3$



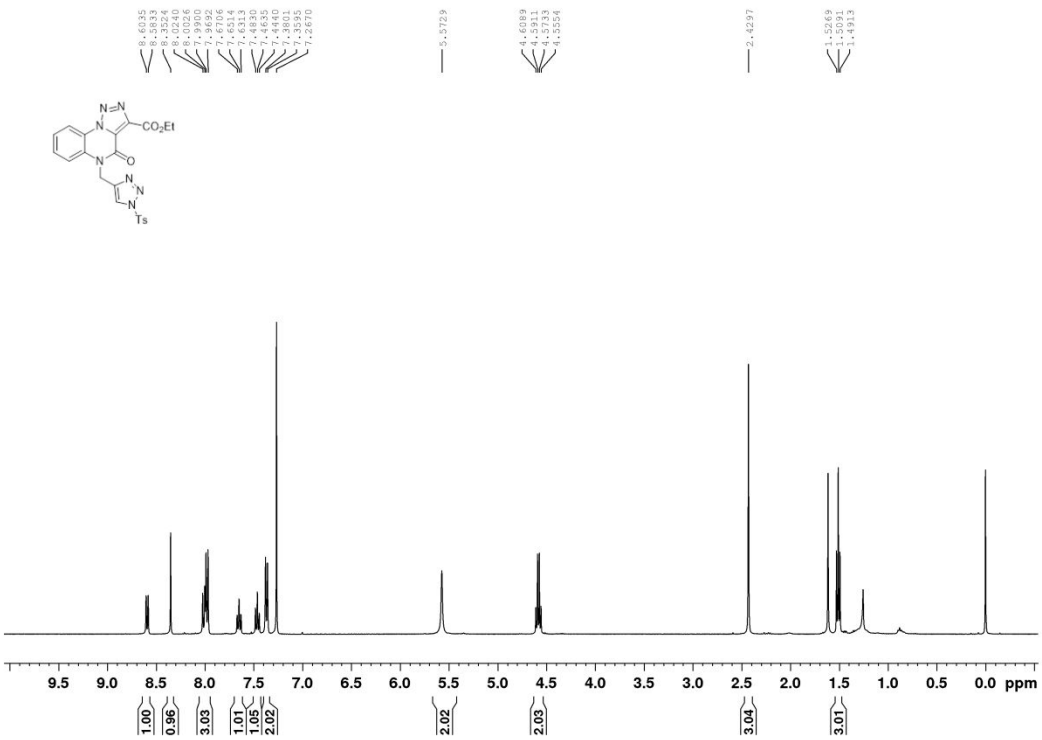
^{13}C{1H} NMR (75 MHz) of **3ic** in $CDCl_3$



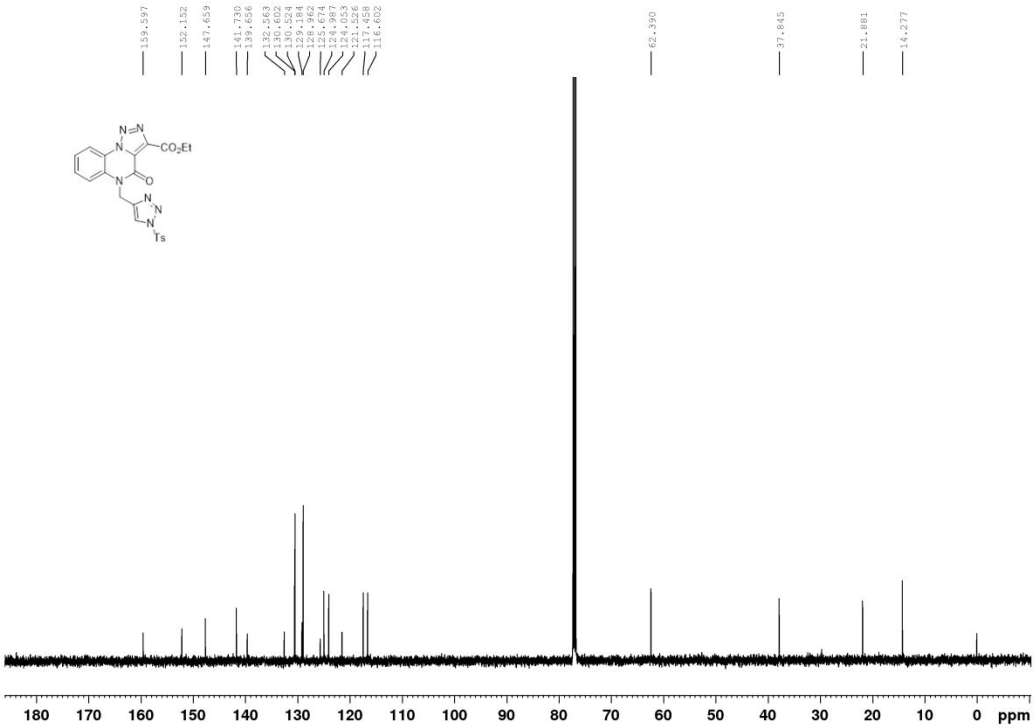
^{1}H NMR (400 MHz) of **3id** in $CDCl_3$



^{13}C{1H} NMR (75 MHz) of **3id** in $CDCl_3$



^{1}H NMR (400 MHz) of **4** in $CDCl_3$



^{13}C{1H} NMR (125 MHz) of **4** in $CDCl_3$