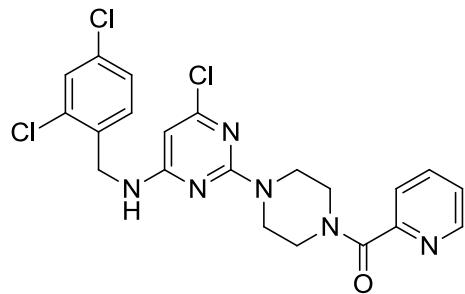


Supplementary Materials

Figure S1. The ^1H -NMR spectrum of **6a**.



Sample_id = xlbt-2-13
Filename = 7086c-3.jdf
Creation_time = 29-NOV-2012 10:40:14
Site = ECA400
Experiment = single_pulse.ex2
X_domain = 1H
Scans = 16
Temp_get = 16.9[dC]
Solvent = CHLOROFORM-D

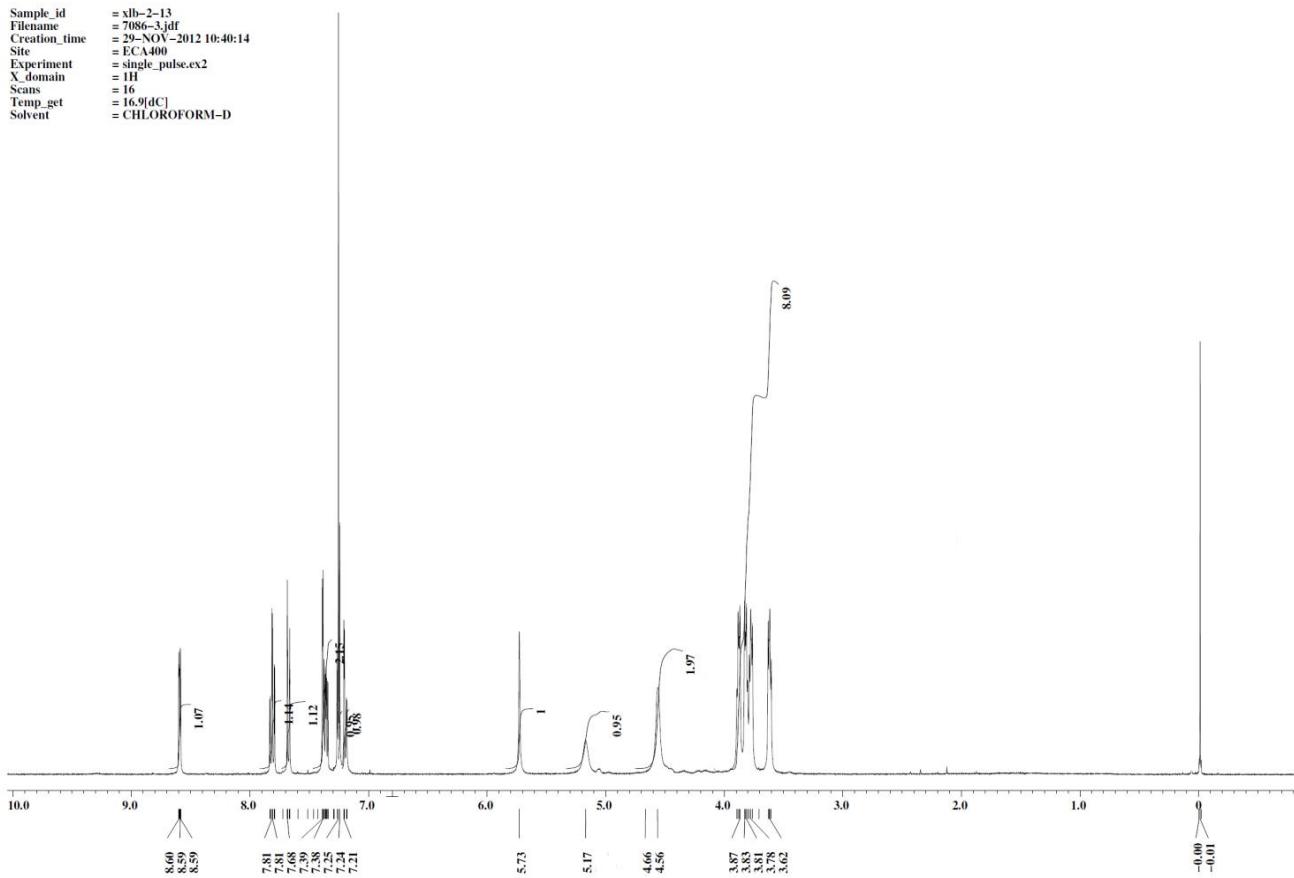
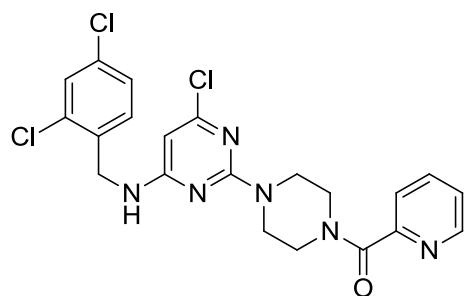


Figure S2. The ^{13}C -NMR spectrum of **6a**.

Sample_id = XLB-2-13
 Filename = 0991-j0f.jdf
 Creation_time = 15-JAN-2014 10:13:40
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = 13C
 Scans = 335
 Temp_get = 18.5[dC]
 Solvent = CHLOROFORM-D

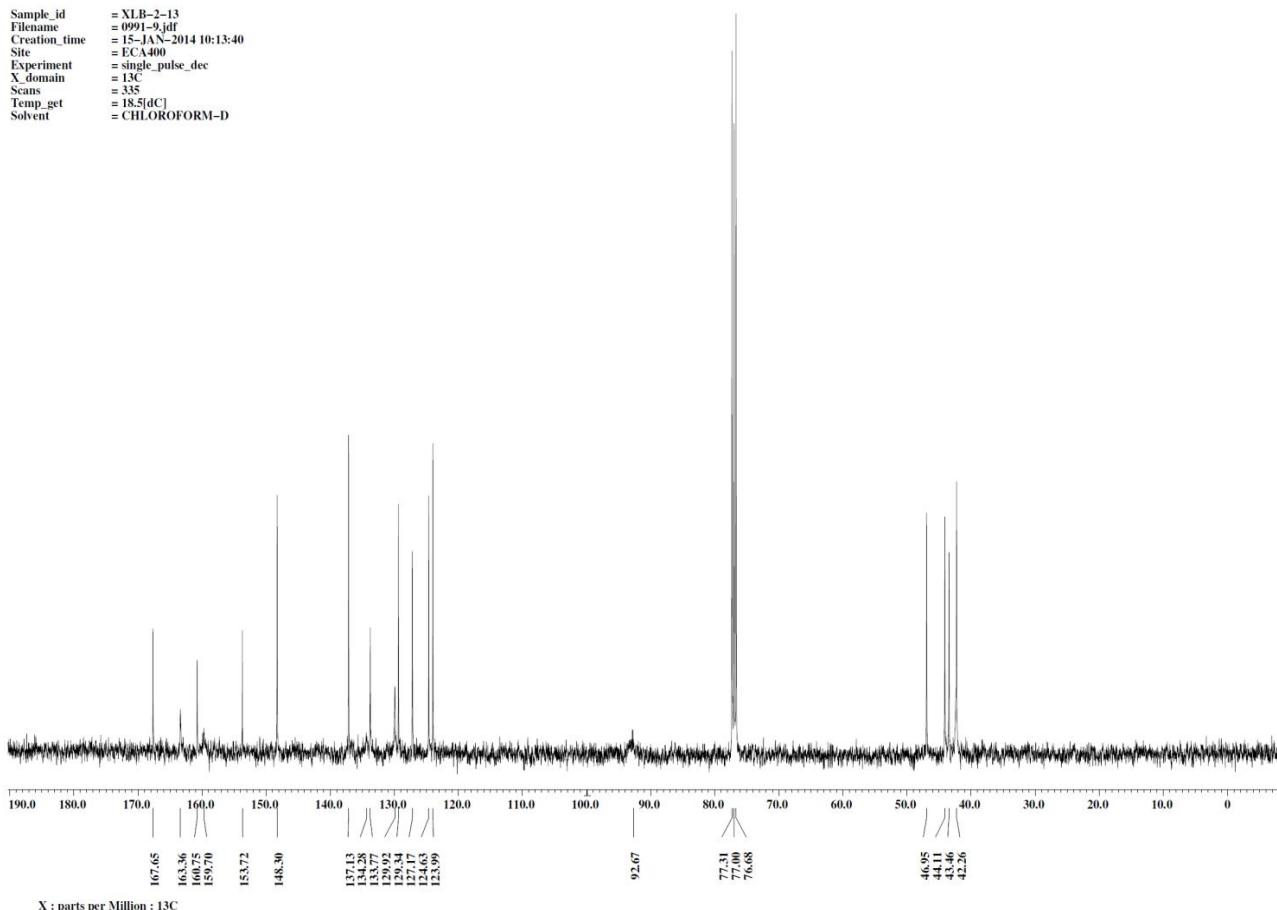


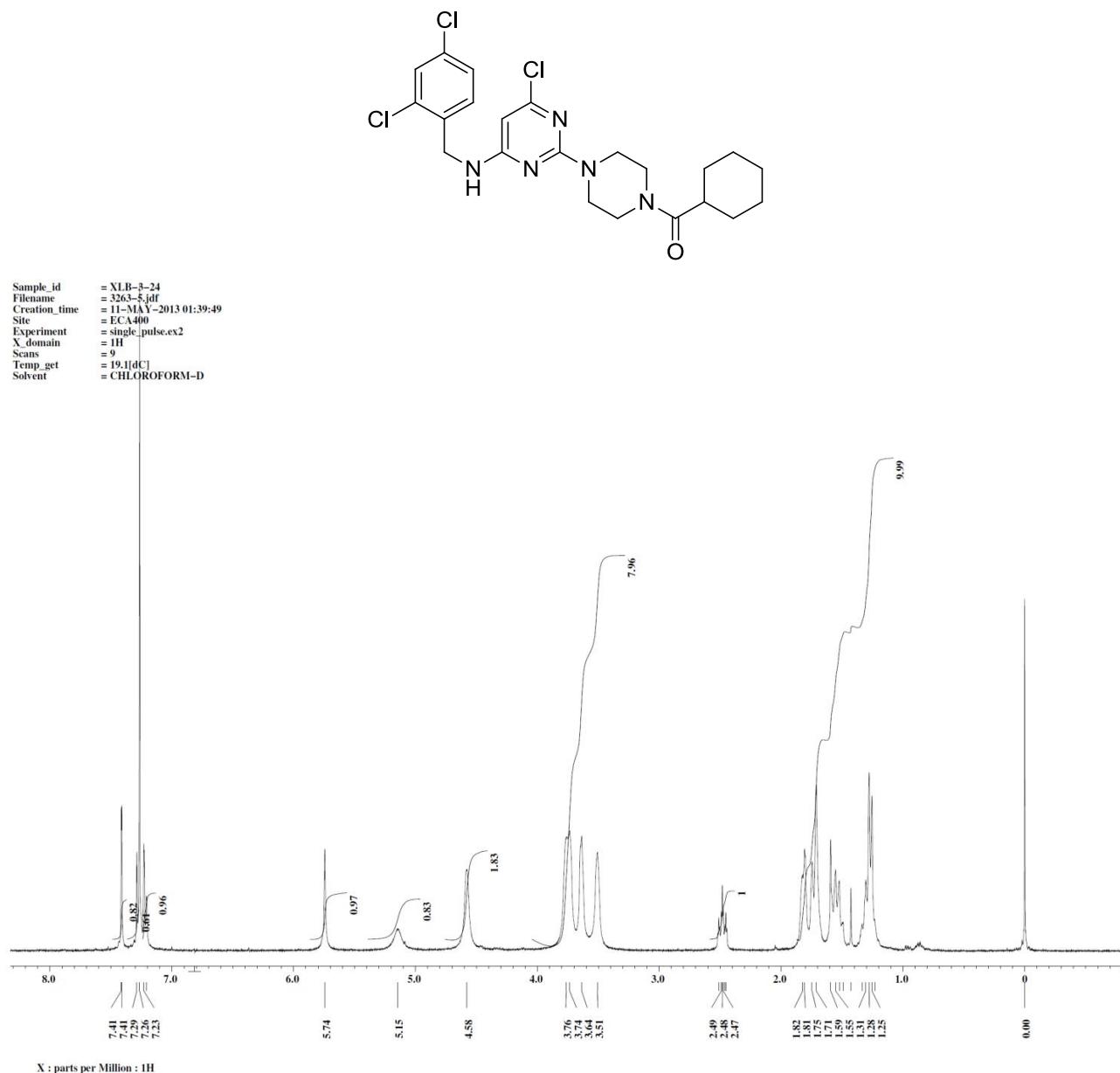
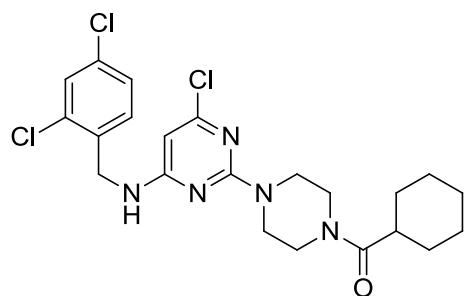
Figure S3. The ¹H-NMR spectrum of **6b**.

Figure S4. The ^{13}C -NMR spectrum of **6b**.

Sample_id = XLB-3-24
 Filename = 0998-6.idf
 Creation_time = 15-JAN-2014 14:39:12
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = ^{13}C
 Scans = 507
 Temp_get = 18.7[dC]
 Solvent = CHLOROFORM-D

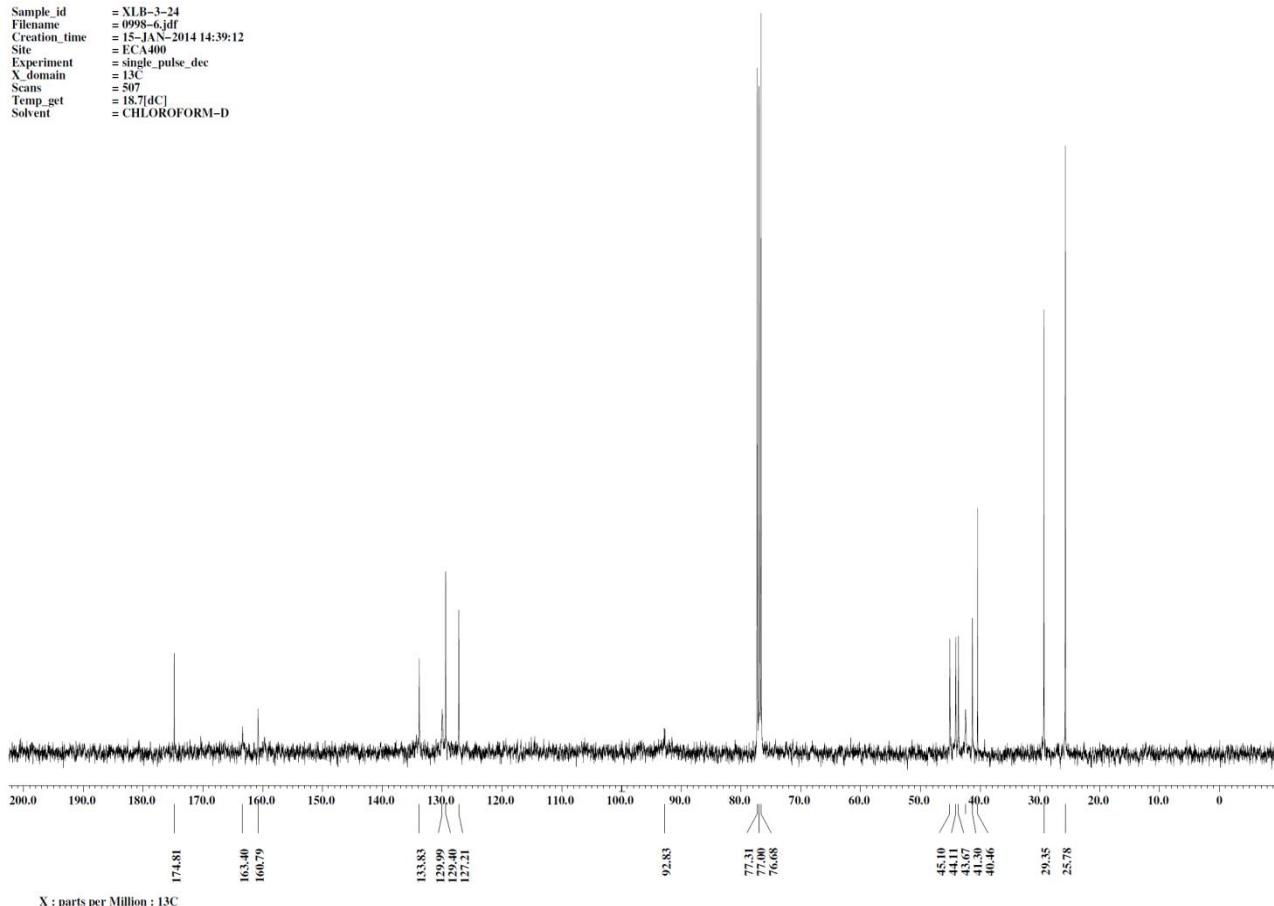


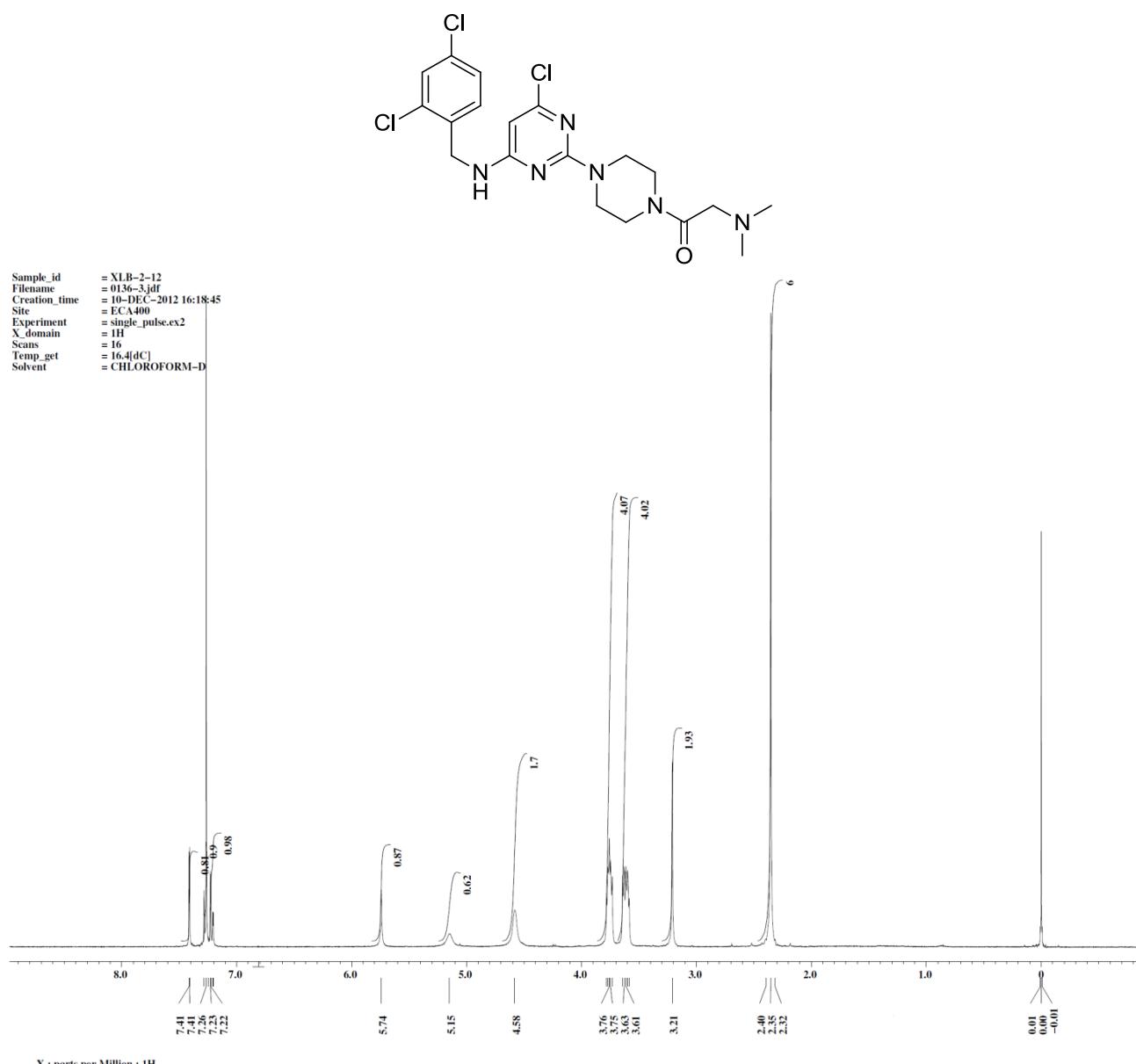
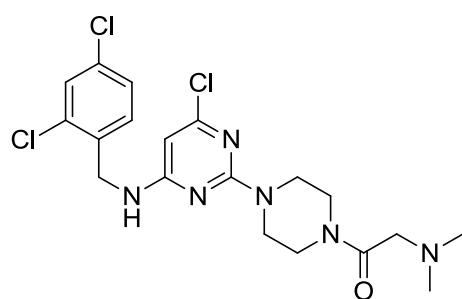
Figure S5. The ^1H -NMR spectrum of **6c**.

Figure S6. The ^{13}C -NMR spectrum of **6c**.

Sample_id = XLB-2-12
 Filename = 0990-8.idf
 Creation_time = 15-JAN-2014 09:58:33
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = 13C
 Scans = 307
 Temp_get = 18.4[dC]
 Solvent = CHLOROFORM-D

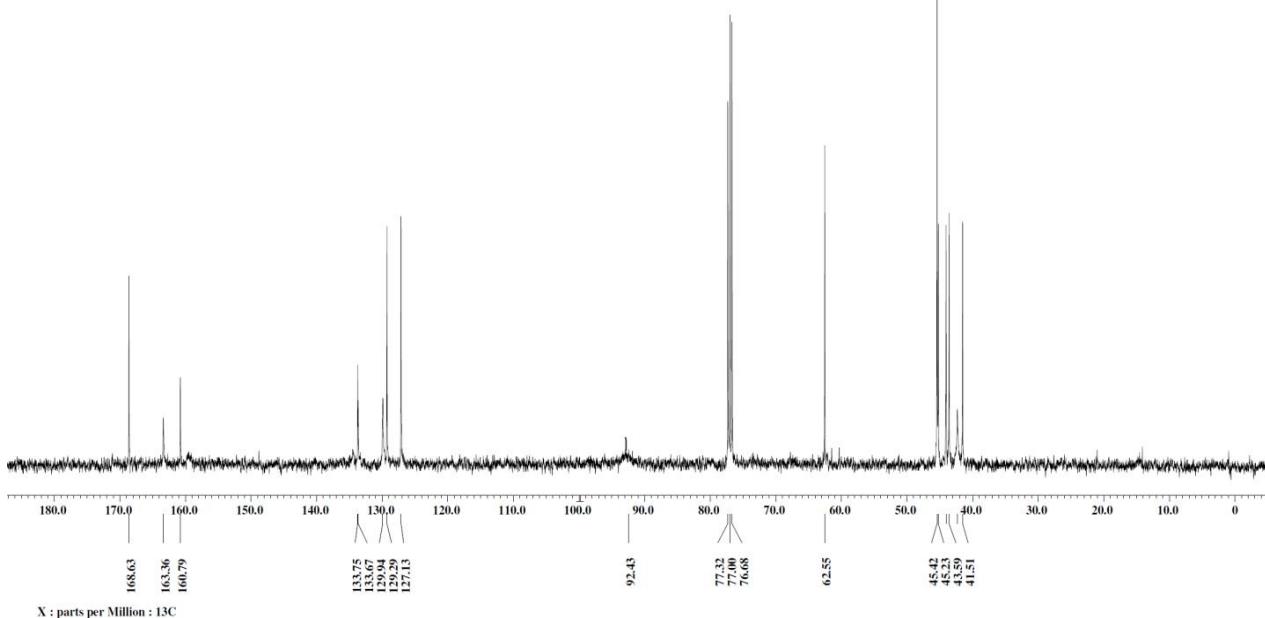


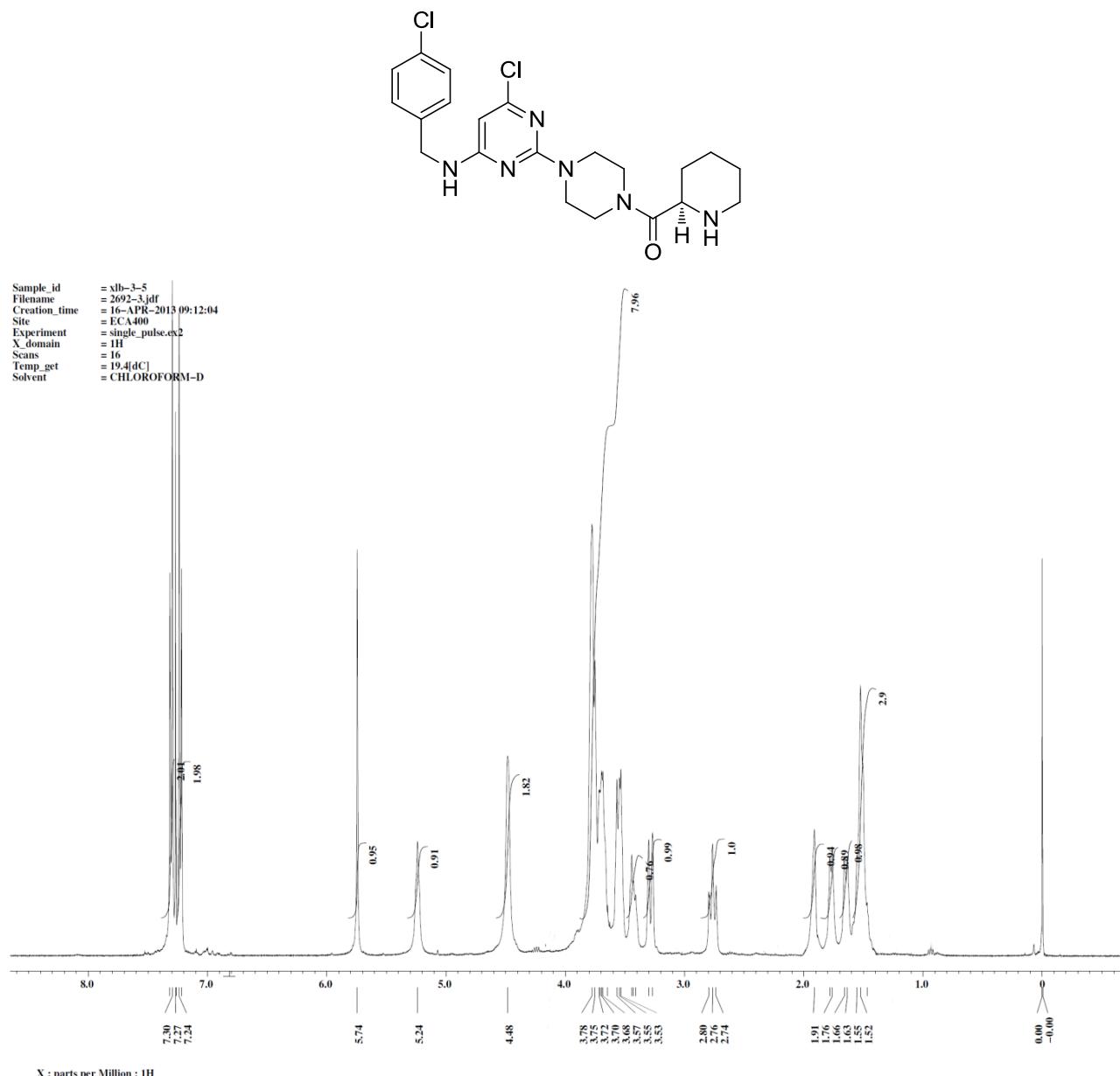
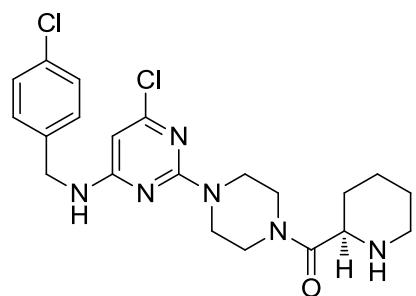
Figure S7. The ^1H -NMR spectrum of **6d**.

Figure S8. The ^{13}C -NMR spectrum of **6d**.

Sample_id = XLB-2-5
 Filename = 0996-6.jdf
 Creation_time = 15-JAN-2014 11:21:18
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = 13C
 Scans = 319
 Temp_get = 18.6[dC]
 Solvent = CHLOROFORM-D

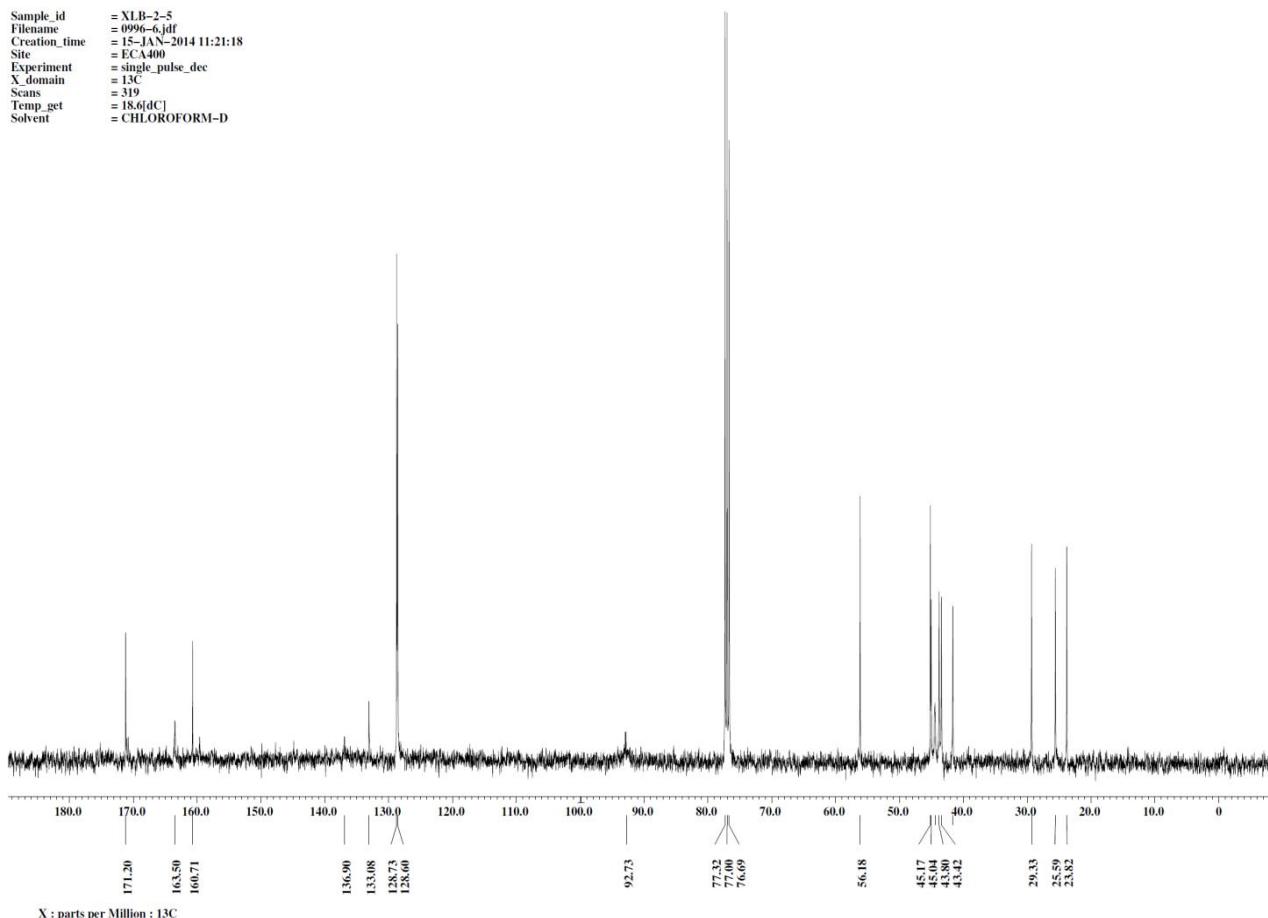
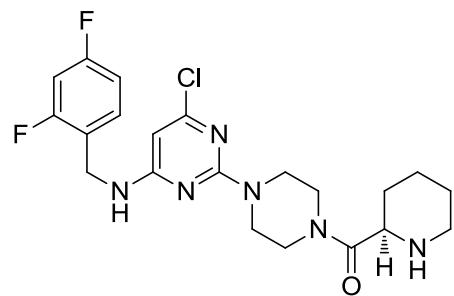


Figure S9. The ^1H -NMR spectrum of **6e**.



```

Sample_id      = xlB-3-18
Filename       = 3054-4.jdf
Creation_time  = 29-APR-2013 18:32:03
Site           = ECA400
Experiment     = single_pulse.ex2
X_domain       = 1H
Scans          = 16
Temp_get       = 19.4[°C]
Solvent         = CHLOROFORM-D

```

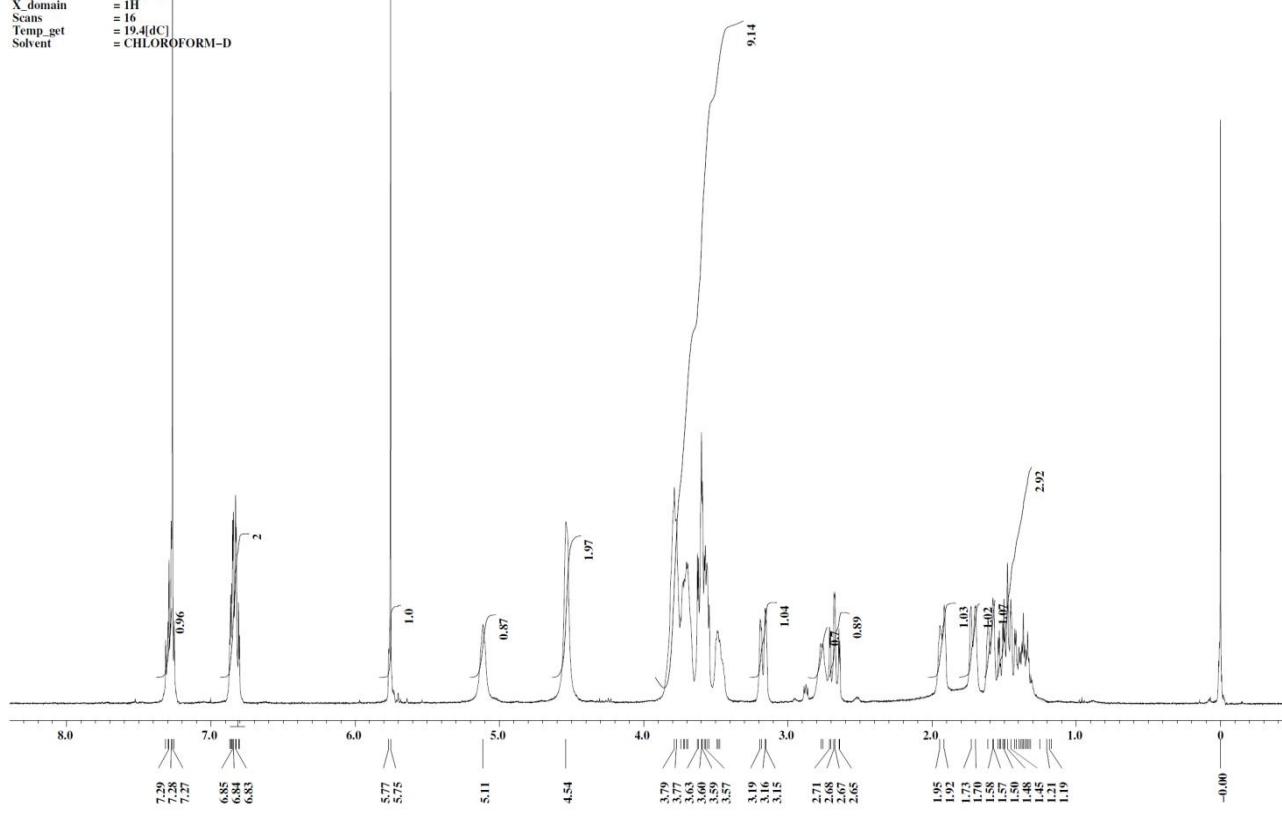
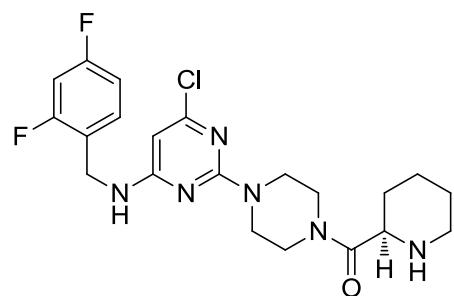


Figure S10. The ^{13}C -NMR spectrum of **6e**.

Sample_id = XLB-3-18
 Filename = 0997-5.jif
 Creation_time = 15-JAN-2014 11:34:14
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = ^{13}C
 Scans = 306
 Temp_get = 18.7[dC]
 Solvent = CHLOROFORM-D

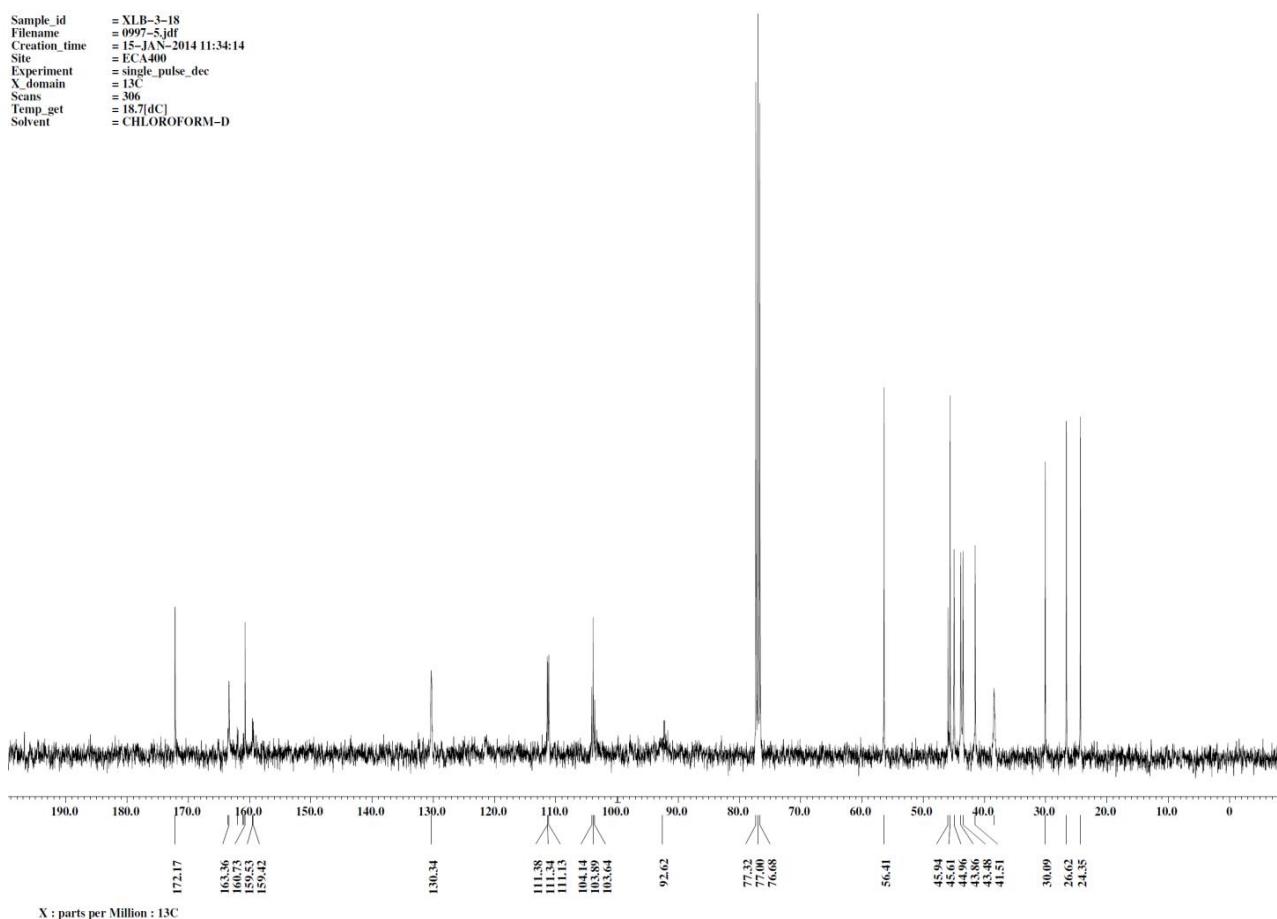
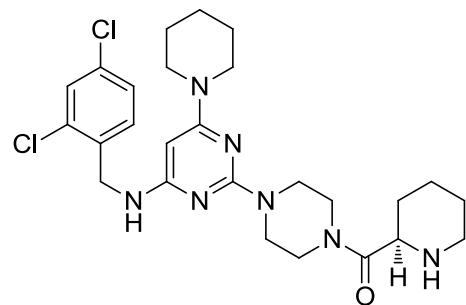


Figure S11. The ^1H -NMR spectrum of **7a**.

| | |
|---------------|-----------------------|
| Sample_id | = XLR-2-2 |
| Filename | = 6484-3.jdf |
| Creation_time | = 5-NOV-2012 10:46:46 |
| Site | = ECA400 |
| Experiment | = single_pulse.ex2 |
| X_domain | = 1H |
| Scans | = 16 |
| Temp_get | = 20.4[dC] |
| Solvent | = CHLOROFORM-D |

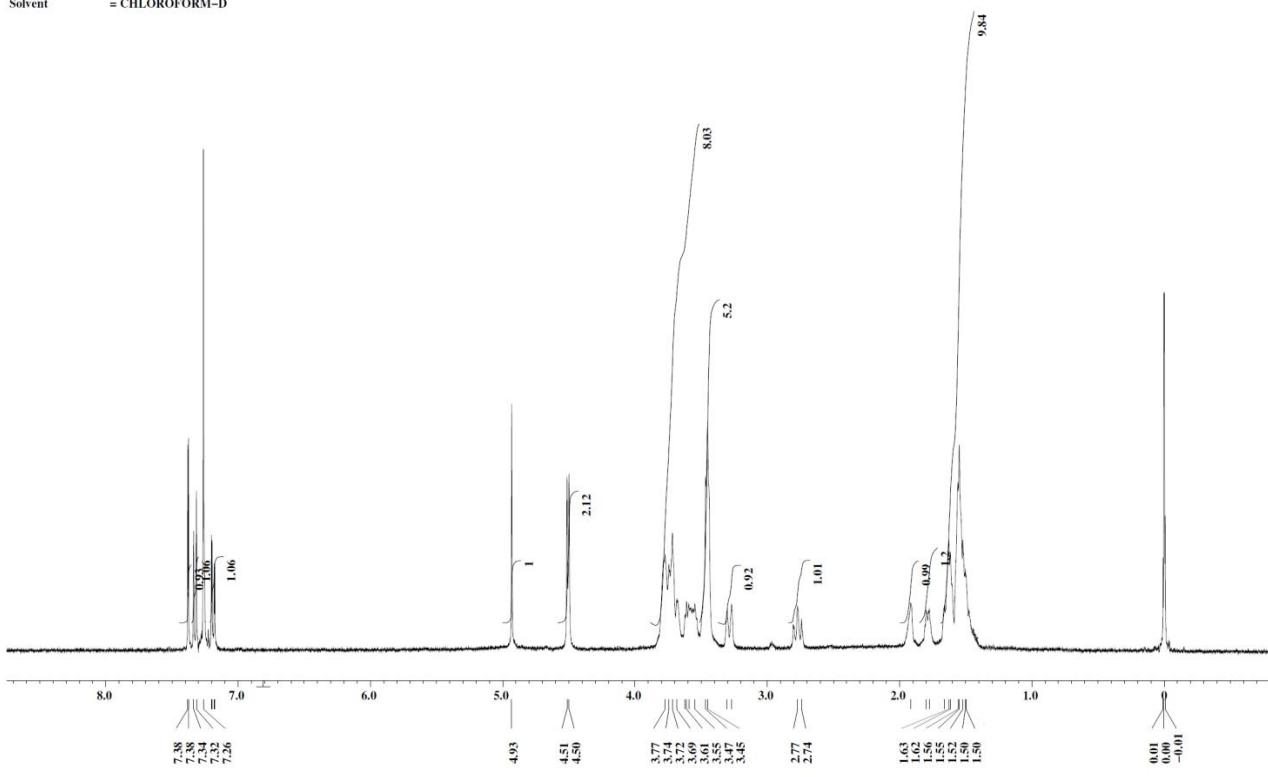
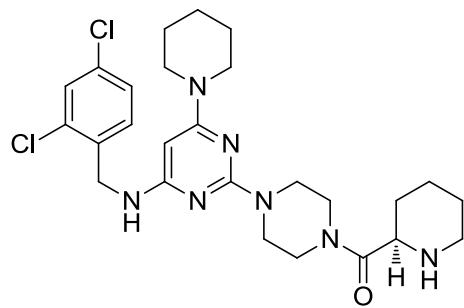


Figure S12. The ^{13}C -NMR spectrum of **7a**.

Sample_id = XLB-2-2
 Filename = 0988-4.jdf
 Creation_time = 15-JAN-2014 09:34:00
 Site = ECA400
 Experiment = ^{13}C _tqce_pulse_dec
 X_domain = ^{13}C
 Scans = 242
 Temp_get = 18.3[dC]
 Solvent = CHLOROFORM-D

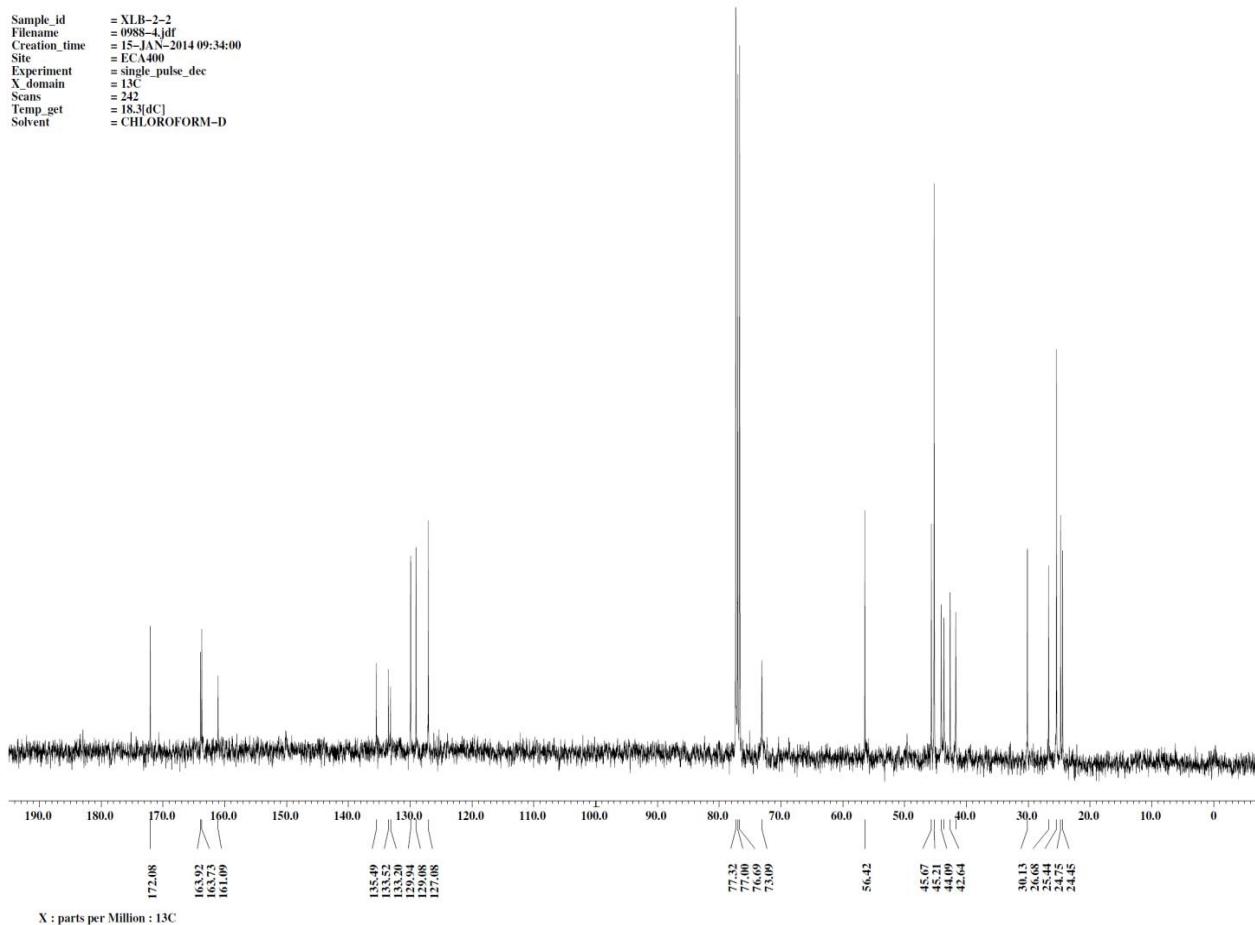
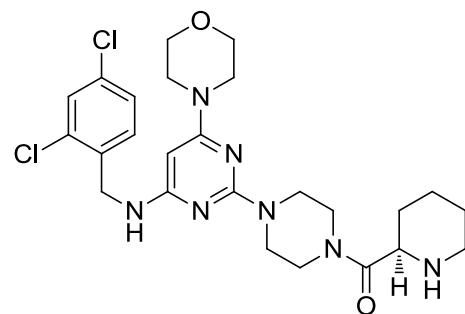
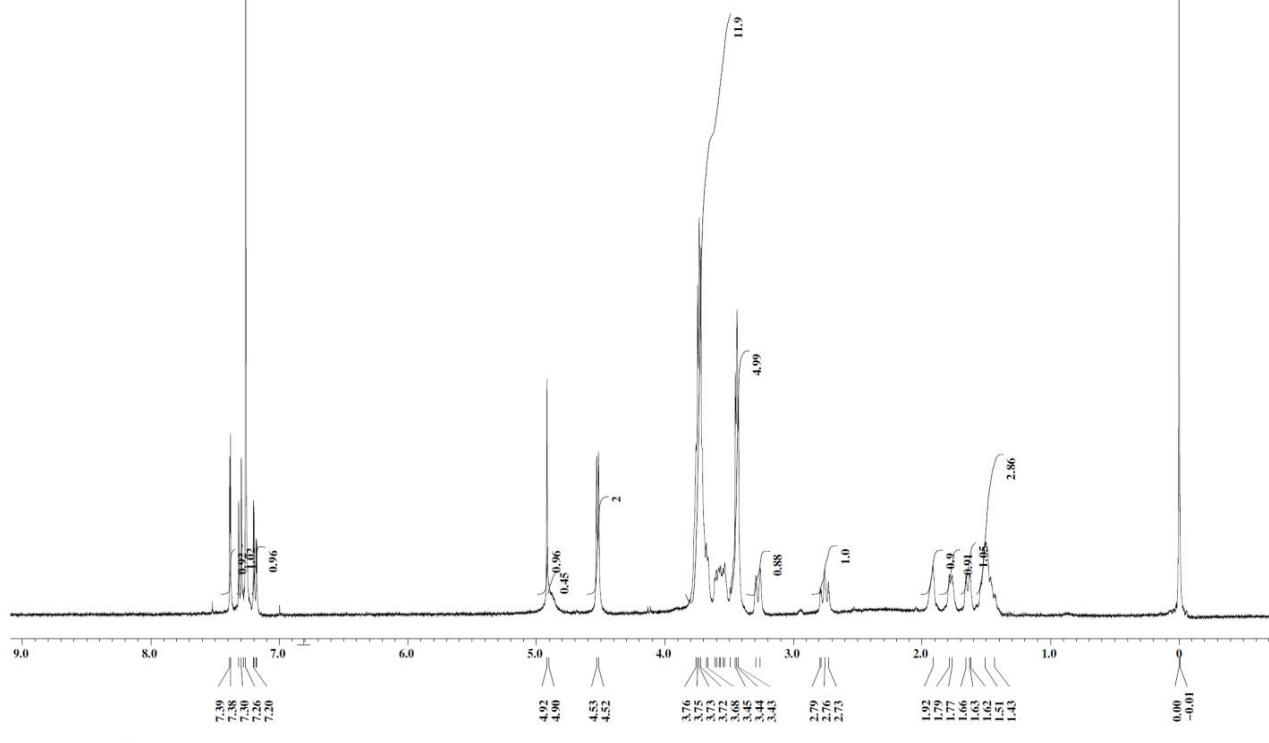
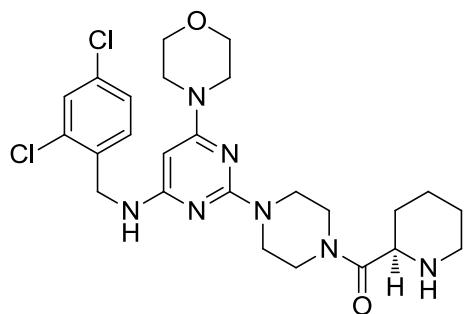


Figure S13. The ^1H -NMR spectrum of **7b**.

| | |
|---------------|-----------------------|
| Sample_id | = XL.B-2-4 |
| Filename | = 6550-3.rdf |
| Creation_time | = 7-NOV-2012 09:58:00 |
| Site | = ECA400 |
| Experiment | = single_pulse.ex2 |
| X_domain | = 1H |
| Scans | = 16 |
| Temp_get | = 19.3[dC] |
| Solvent | = CHLOROFORM-D |



X : parts per Million : 1H

Figure S14. The ^{13}C -NMR spectrum of **7b**.

Sample_id = XLB-2-4
 Filename = 0989-4_N3.dif
 Creation_time = 2014-09-24 09:45:31
 Site = FCA400
 Experiment = single_pulse_dec
 X_domain = ^{13}C
 Scans = 214
 Temp_get = 18.3[dC]
 Solvent = CHLOROFORM-D

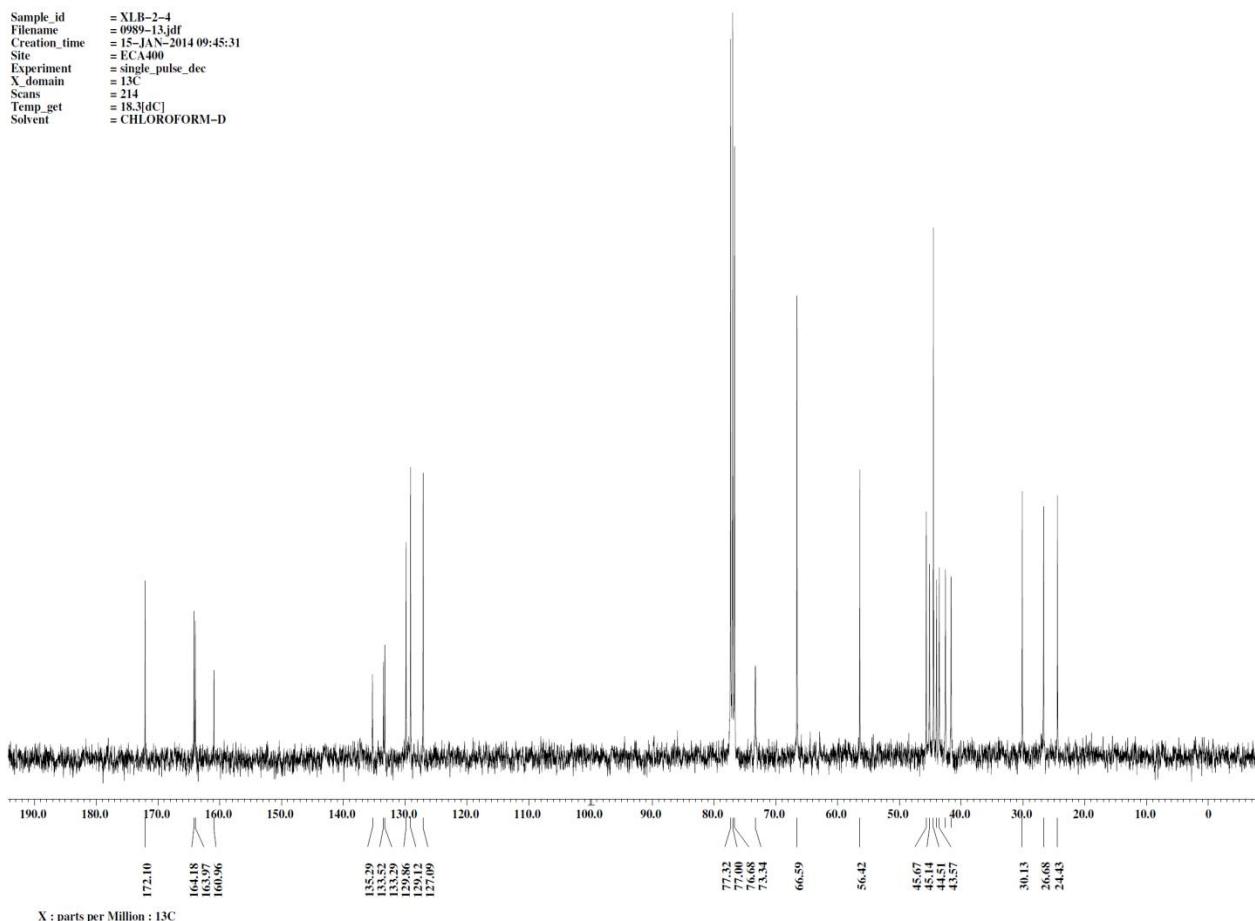


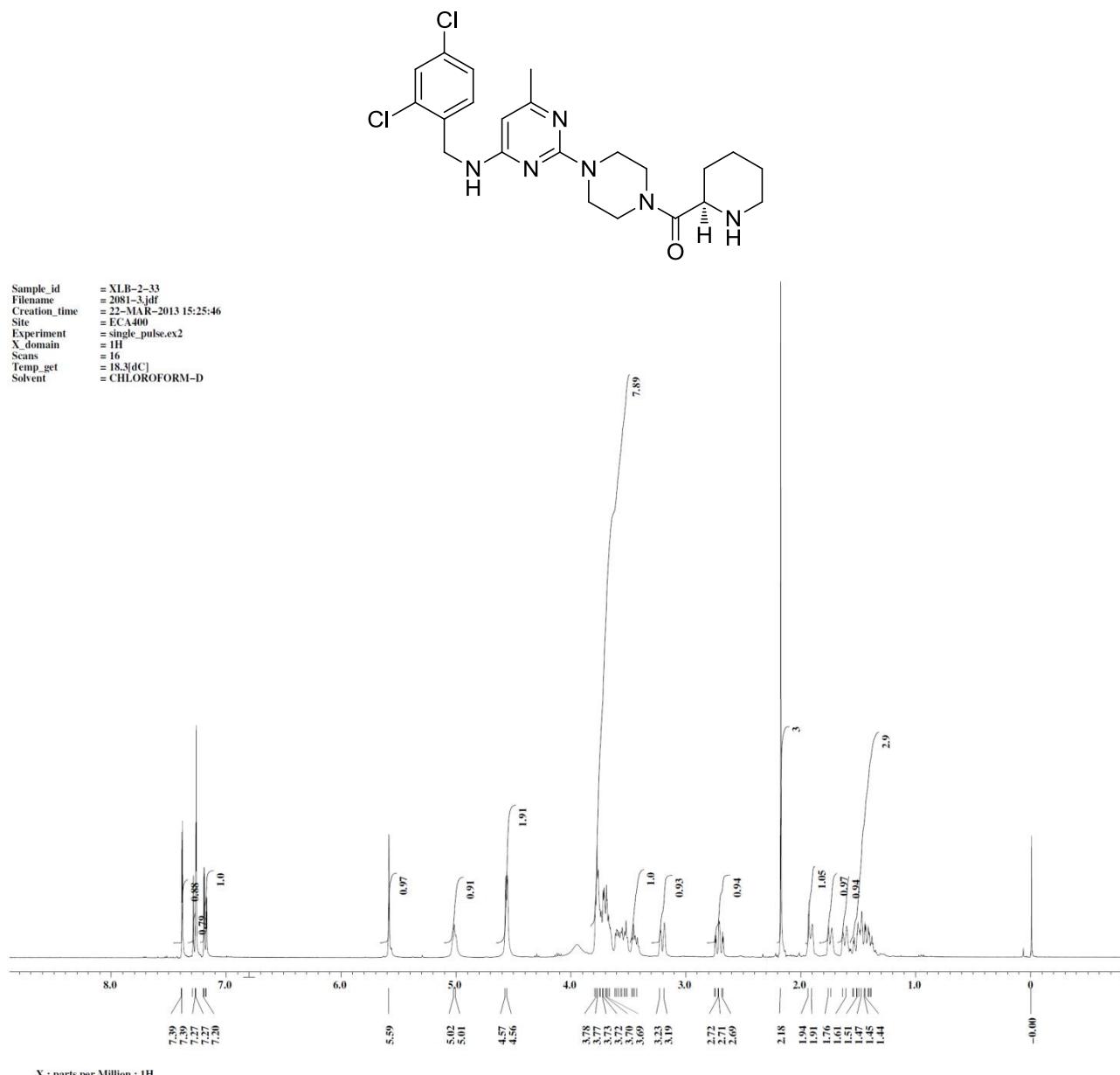
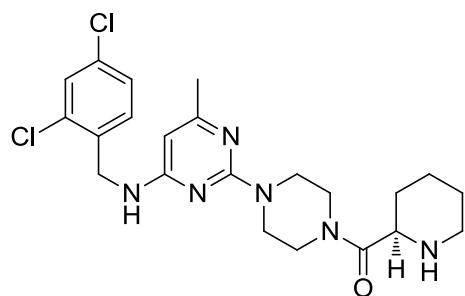
Figure S15. The ^1H -NMR spectrum of **12a**.

Figure S16. The ^{13}C -NMR spectrum of **12a**.

Sample_id = XLR-2-33
 Filename = 0995-5.jdf
 Creation_time = 15-JAN-2014 11:07:44
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = ^{13}C
 Scans = 310
 Temp_get = 18.5[dC]
 Solvent = CHLOROFORM-D

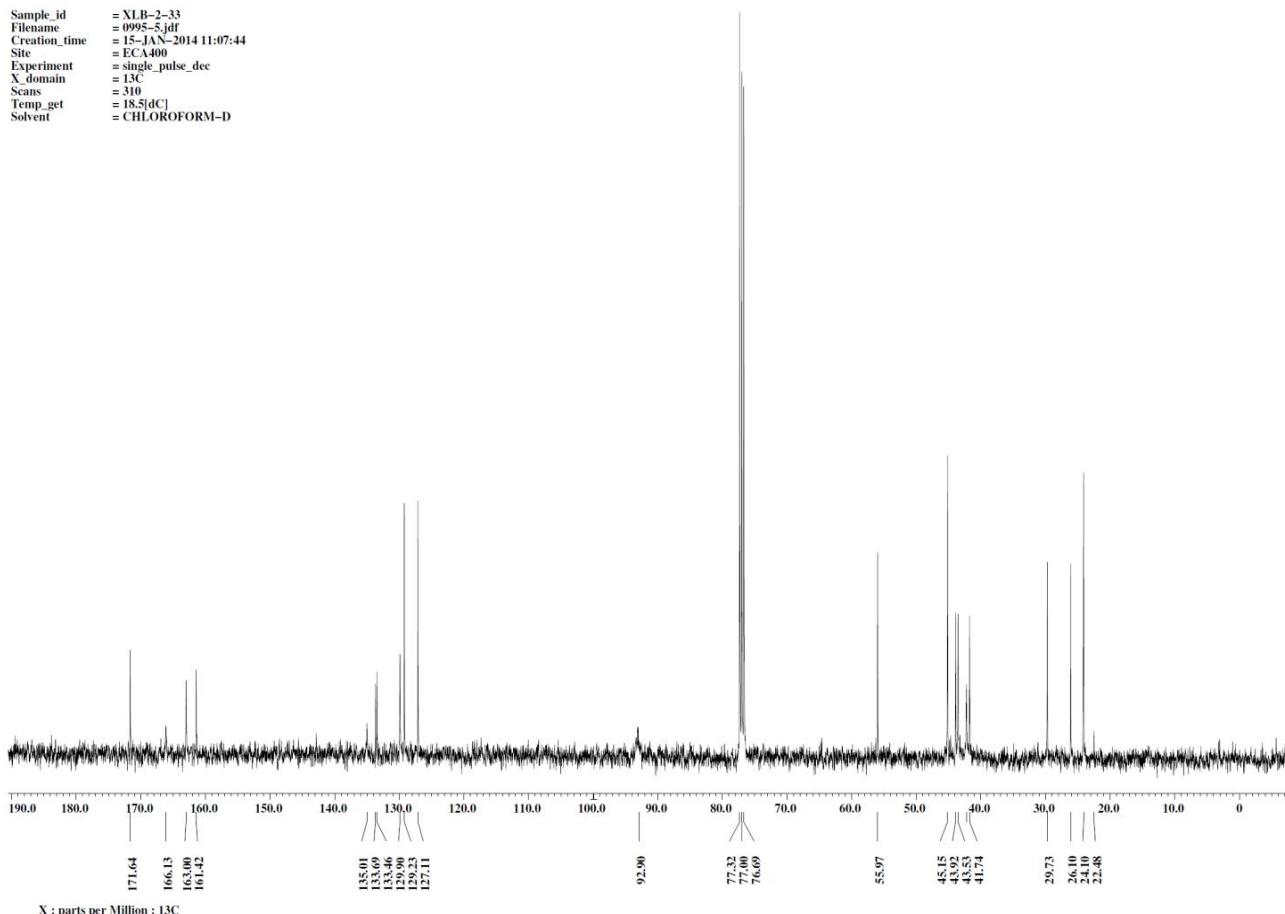
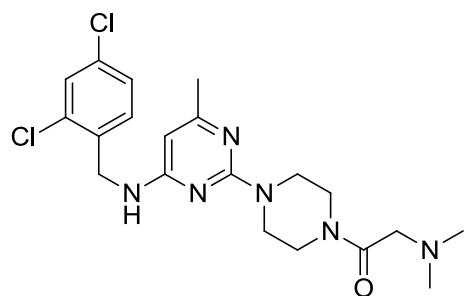


Figure S17. The ^1H -NMR spectrum of **12b**.

Sample_id = XLR-2-28
 Filename = 1819-5.jdf
 Creation_time = 15-MAR-2013 15:13:49
 Site = ECA400
 Experiment = single_pulse.ex2
 X_domain = 1H
 Scans = 16
 Temp_get = 20.9[dC]
 Solvent = DMSO-D6

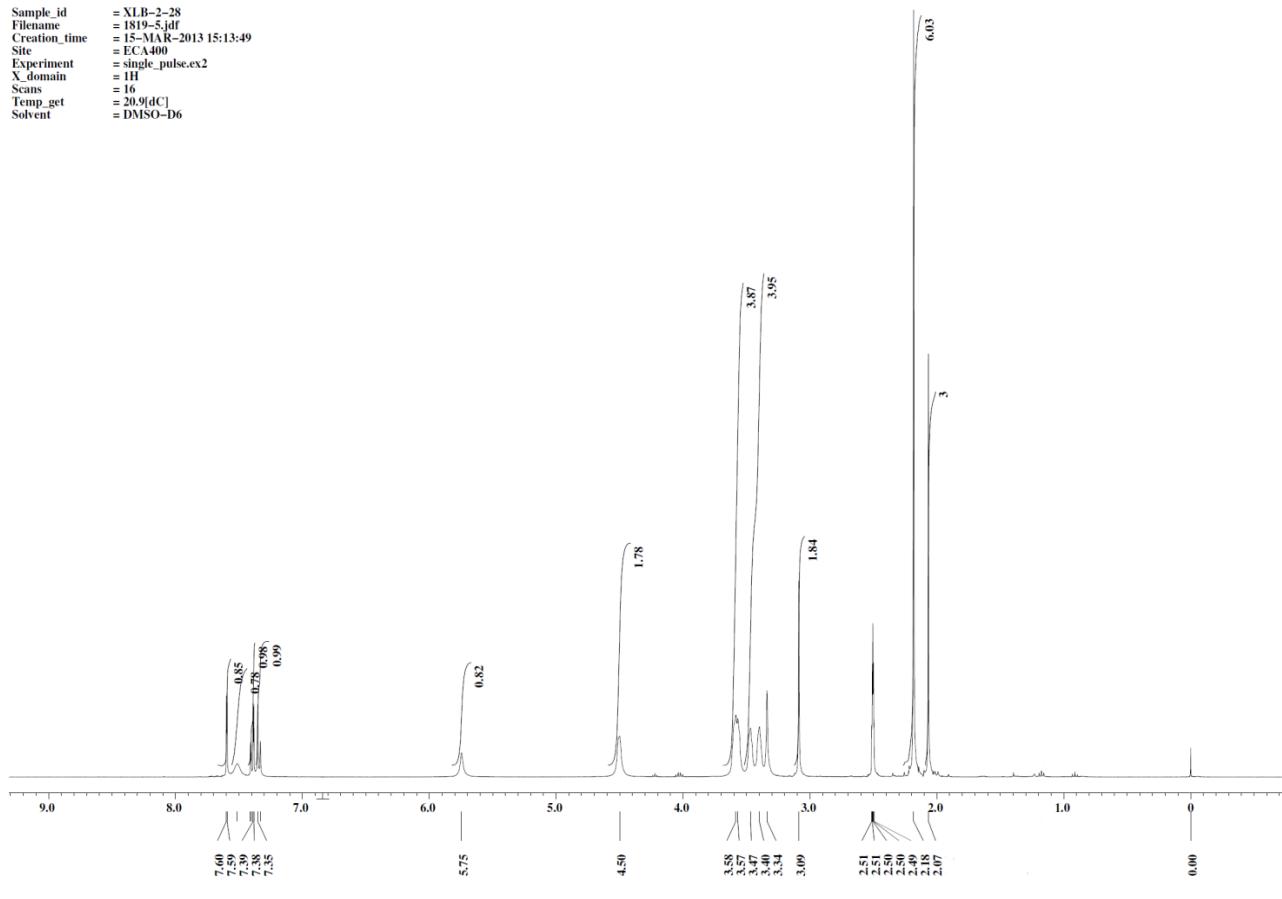
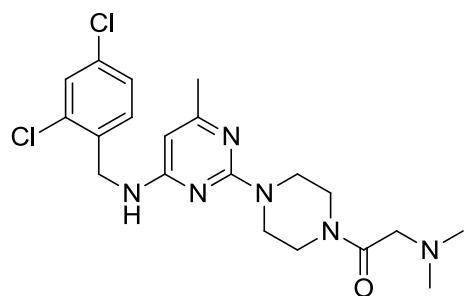


Figure S18. The ^{13}C -NMR spectrum of **12b**.

Sample_id = XLB-2-28
 Filename = 0993-5.jdf
 Creation_time = 15-JAN-2014 10:41:01
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = 13C
 Scans = 308
 Temp_get = 18.4[dC]
 Solvent = CHLOROFORM-D

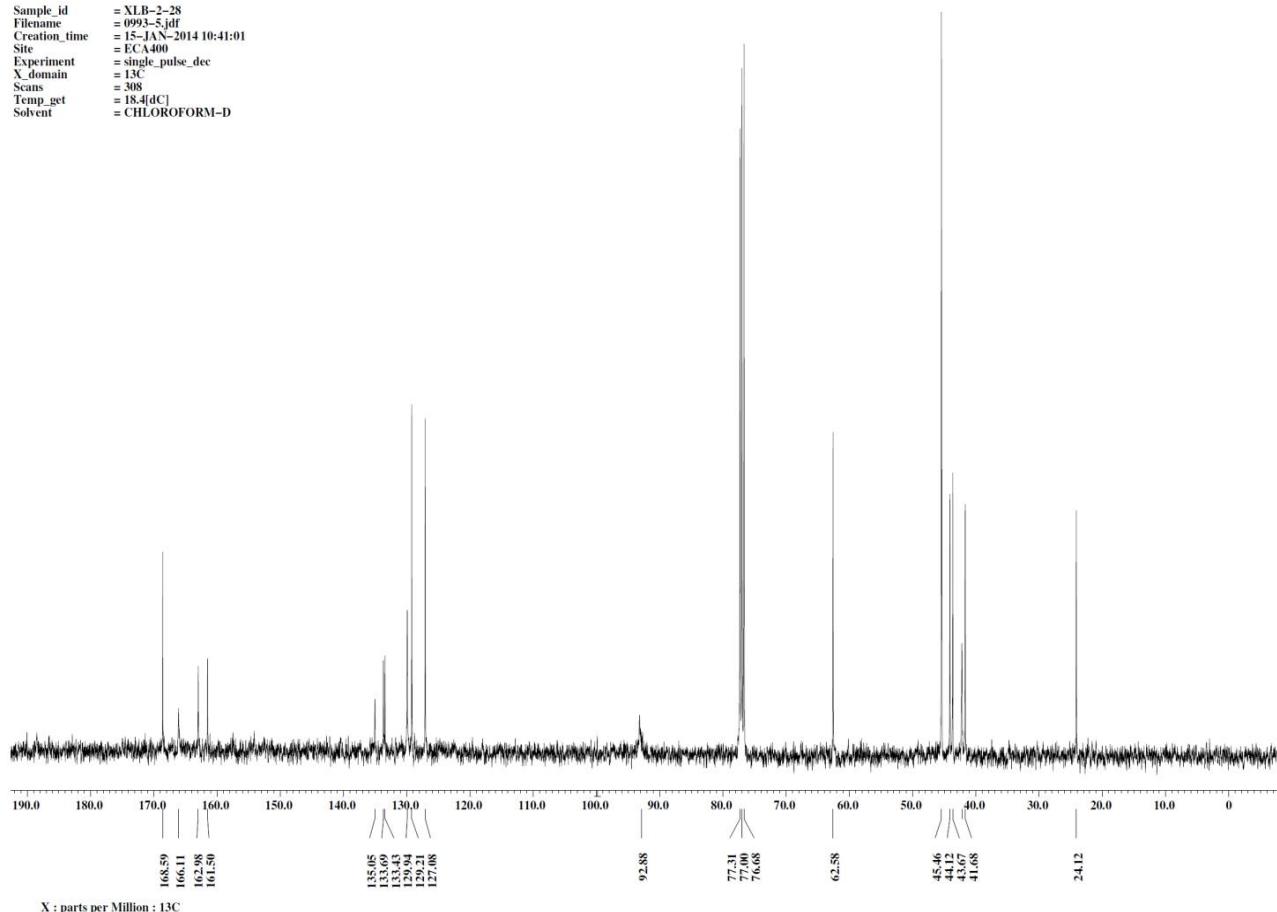
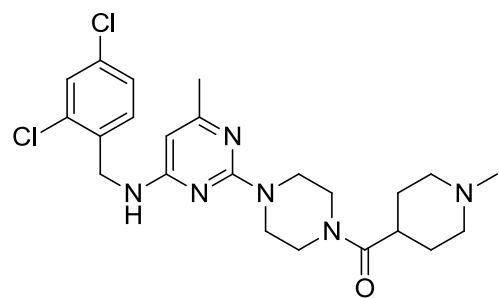
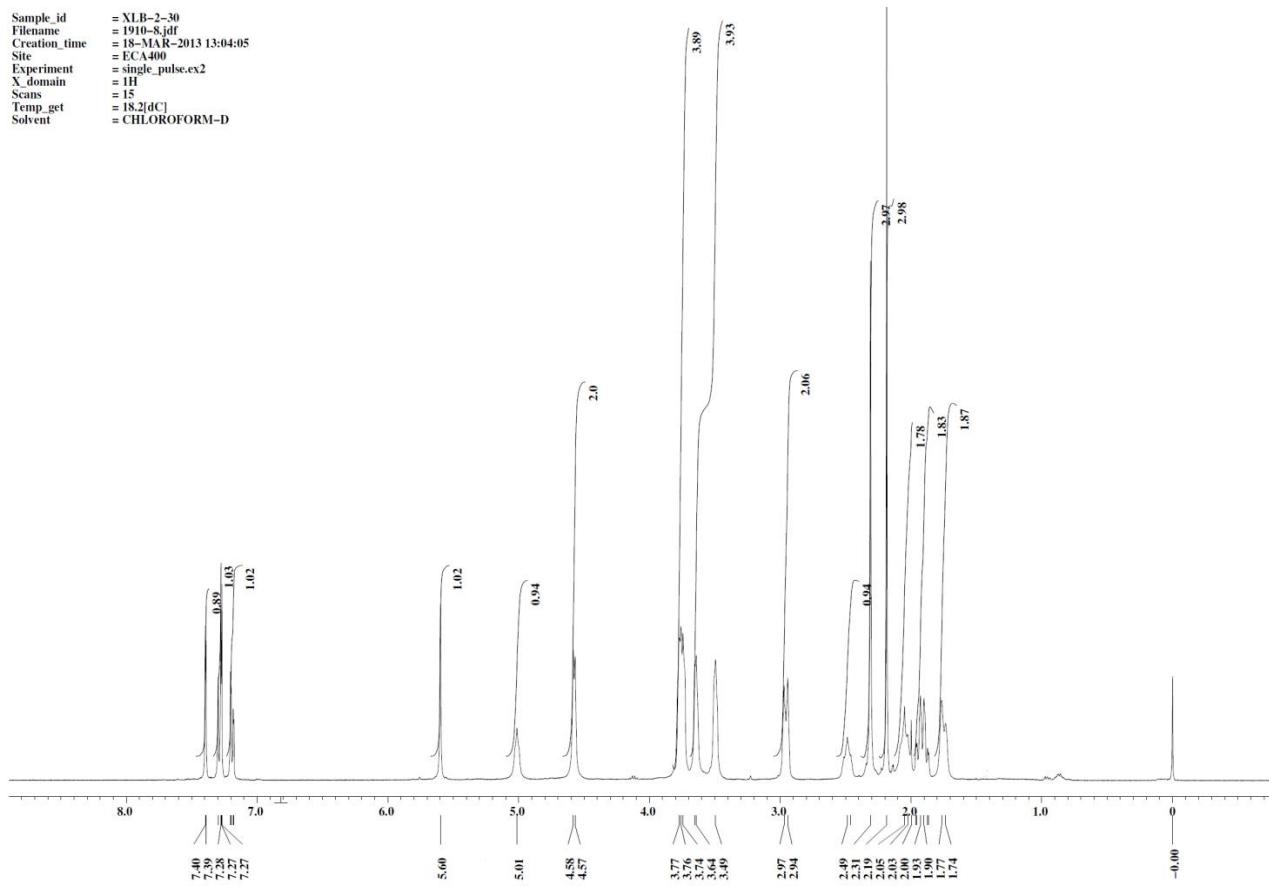
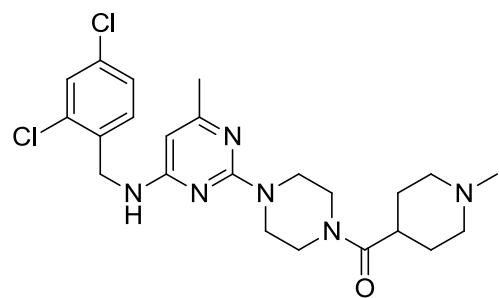


Figure S19. The ¹H-NMR spectrum of **12c**.

Sample_id = XLB-2-30
 Filename = 1910-8.jif
 Creation_time = 18-MAR-2013 13:04:05
 Site = ECA400
 Experiment = single_pulse.ex2
 X_domain = 1H
 Scans = 15
 Temp_get = 18.2[dC]
 Solvent = CHLOROFORM-D



X : parts per Million : 1H

Figure S20. The ^{13}C -NMR spectrum of **12c**.

Sample_id = NLR-2-30
 Filename = 0994-4.jdf
 Creation_time = 15-JAN-2014 10:54:20
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = ^{13}C
 Scans = 322
 Temp_get = 18.5[dC]
 Solvent = CHLOROFORM-D

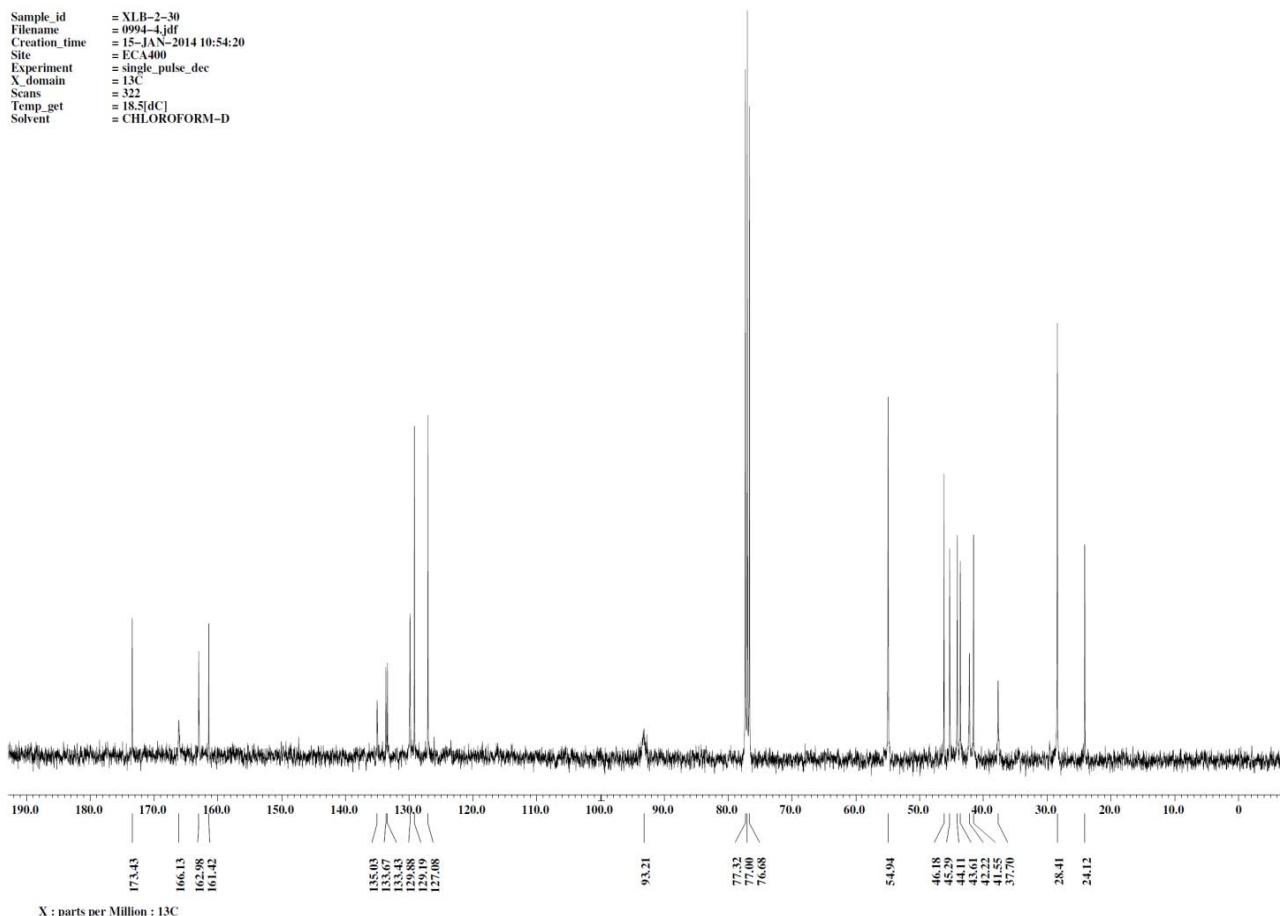
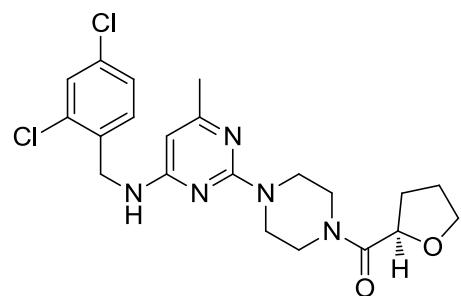


Figure S21. The ^1H -NMR spectrum of **12d**.

| | |
|---------------|------------------------|
| Sample_id | = XLB-2-27 |
| Filename | = 12d-5.kif |
| Creation_time | = 14-MAR-2013 15:39:38 |
| Site | = ECA400 |
| Experiment | = single_pulse.ex2 |
| X_domain | = 1H |
| Scans | = 16 |
| Temp_get | = 20[dC] |
| Solvent | = DMSO-D6 |

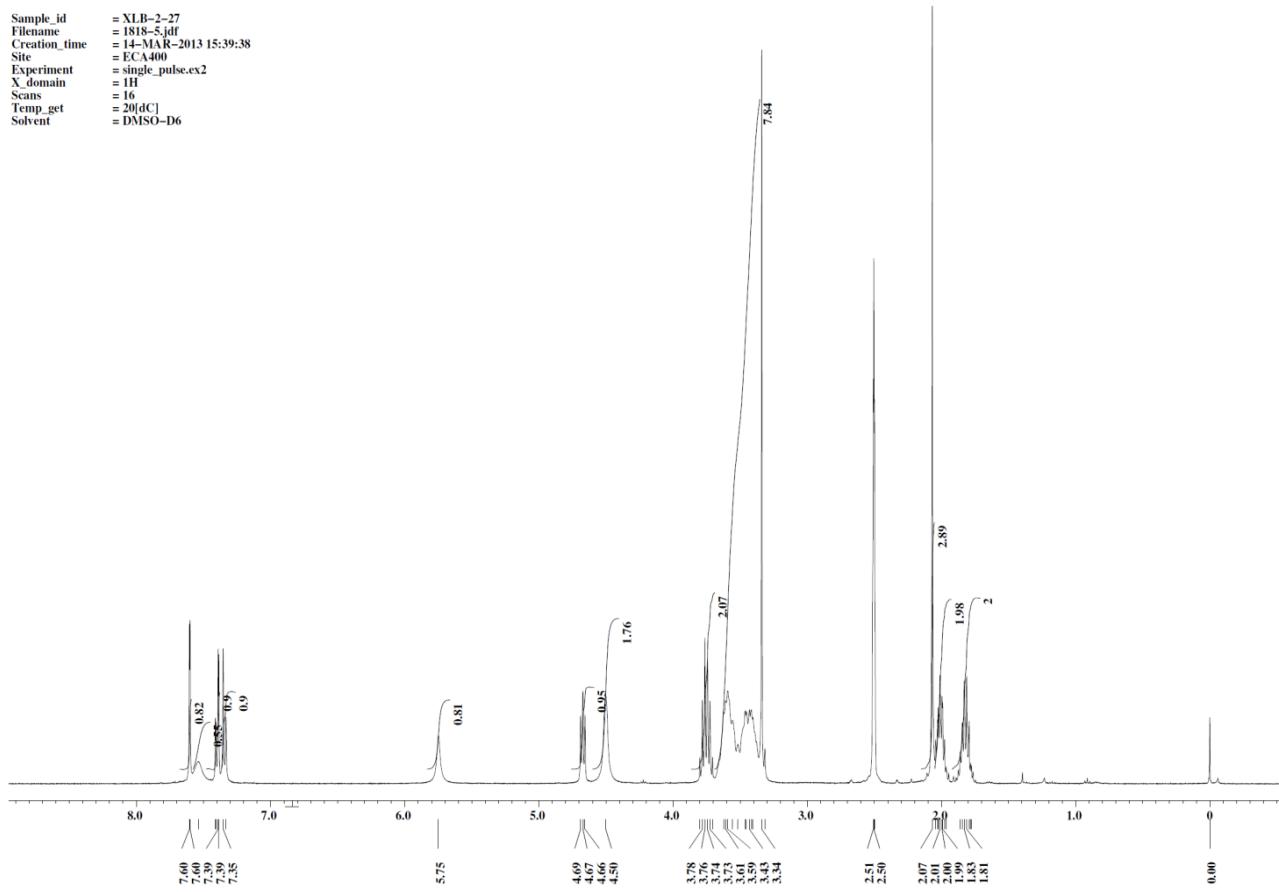
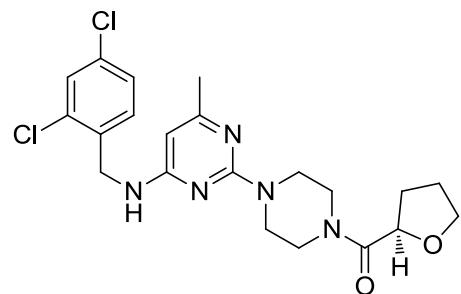


Figure S22. The ^{13}C -NMR spectrum of **12d**.

Sample_id = XLB-2-27
 Filename = 0992-4Jdf
 Creation_time = 15-JAN-2014 10:26:52
 Site = ECA400
 Experiment = single_pulse_dec
 X_domain = ^{13}C
 Scans = 320
 Temp_get = 18.4[dC]
 Solvent = CHLOROFORM-D

