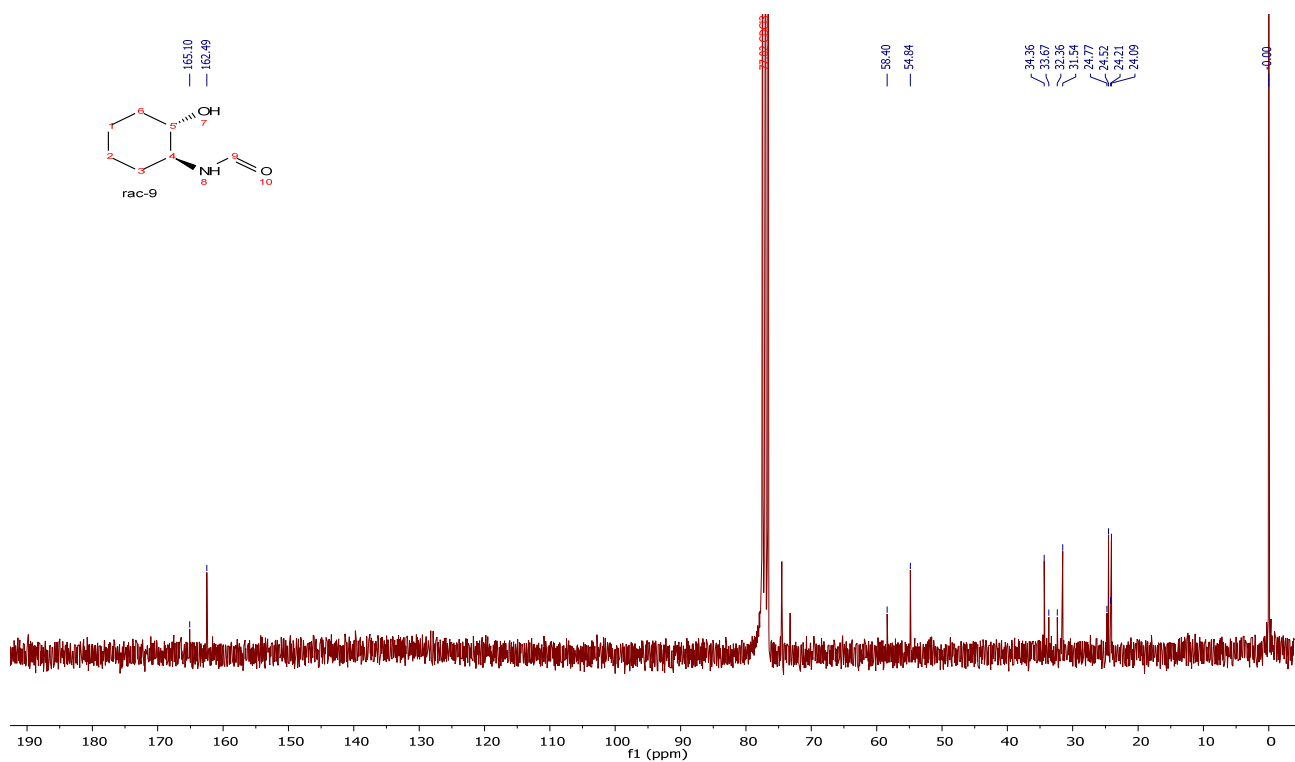
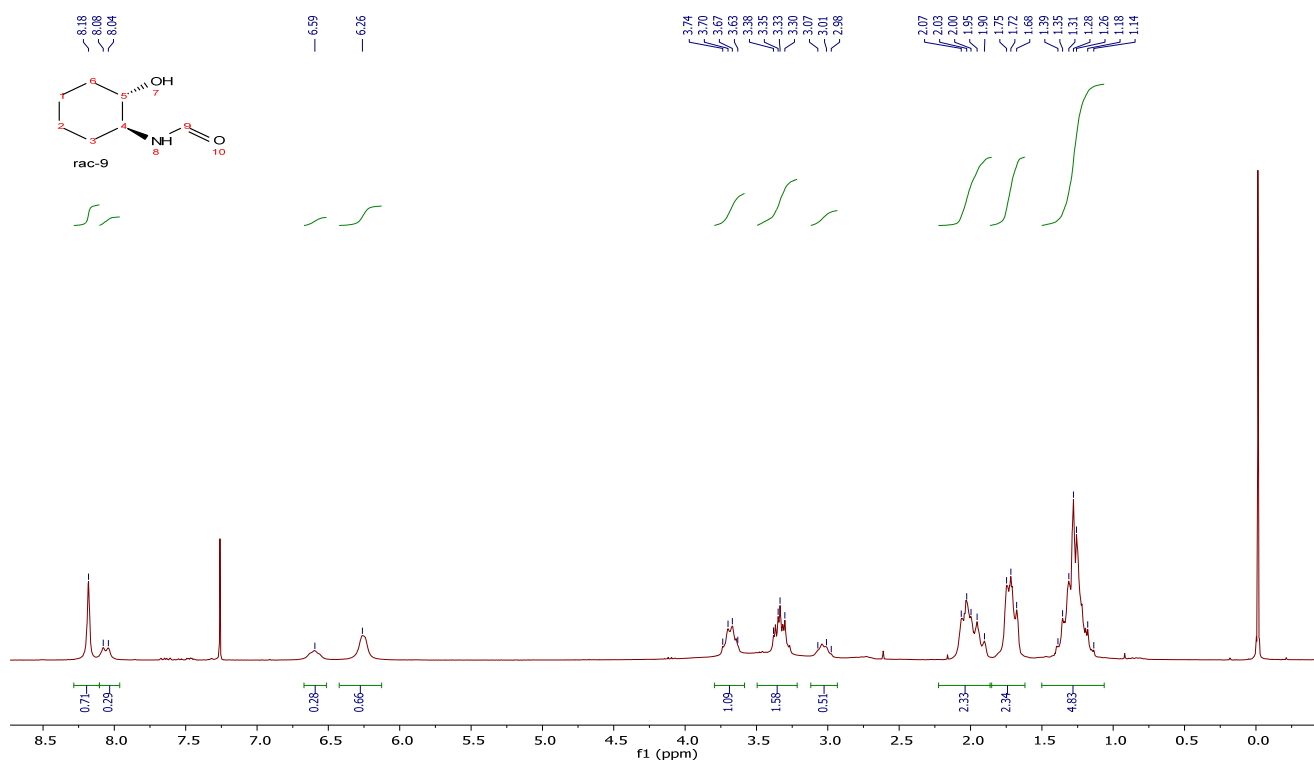
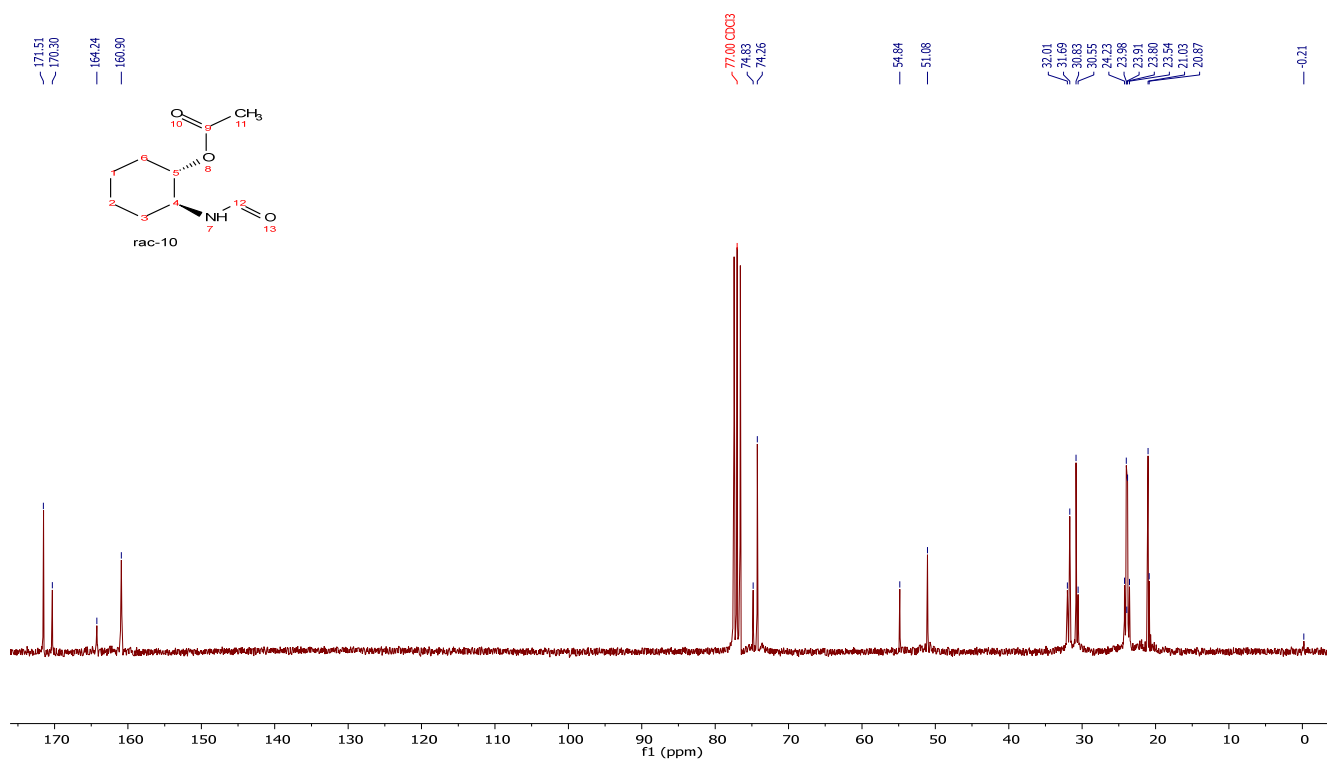
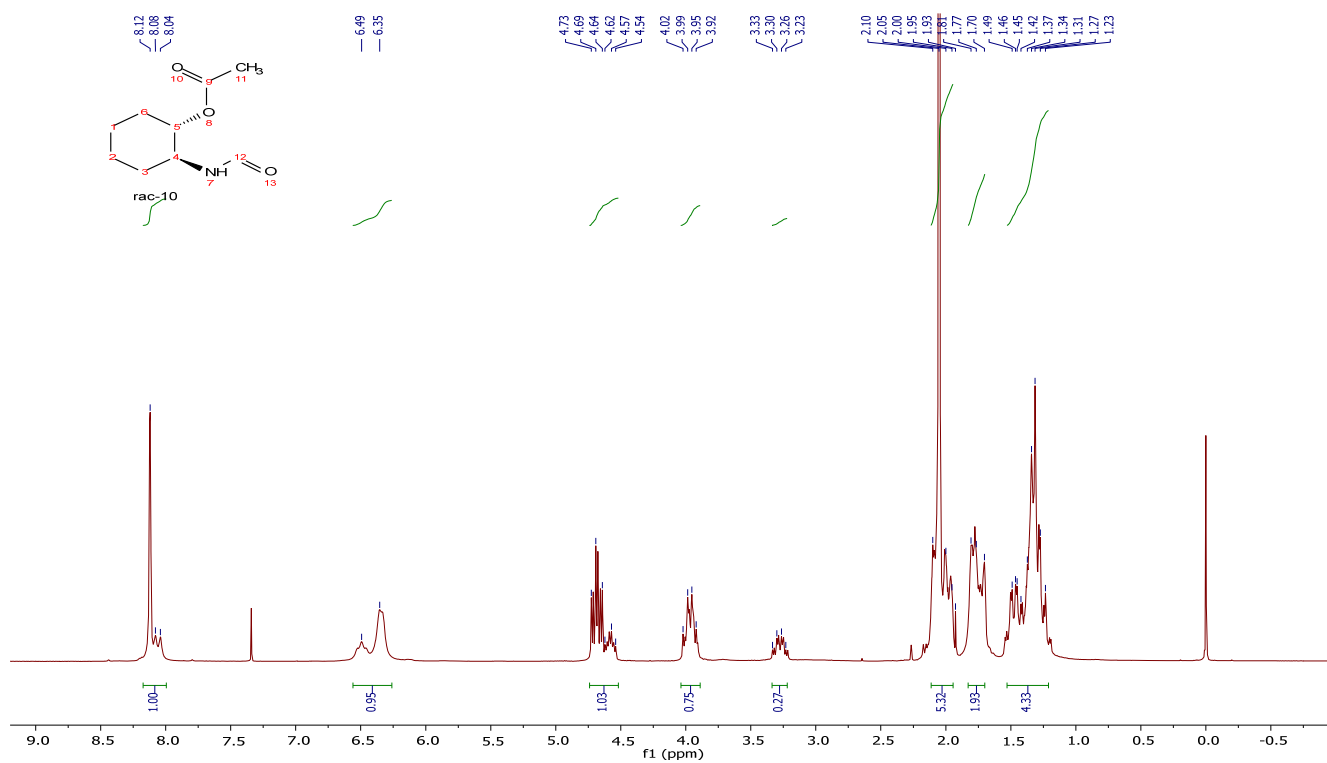


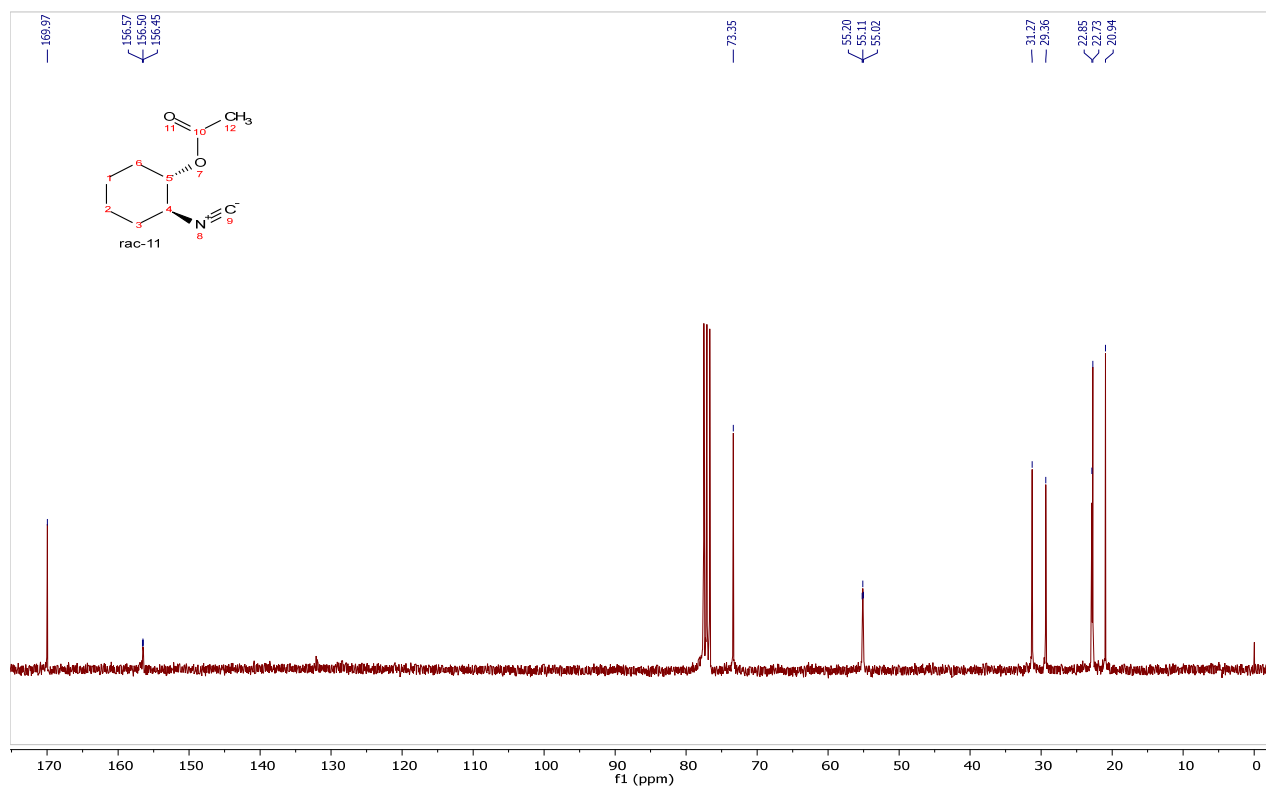
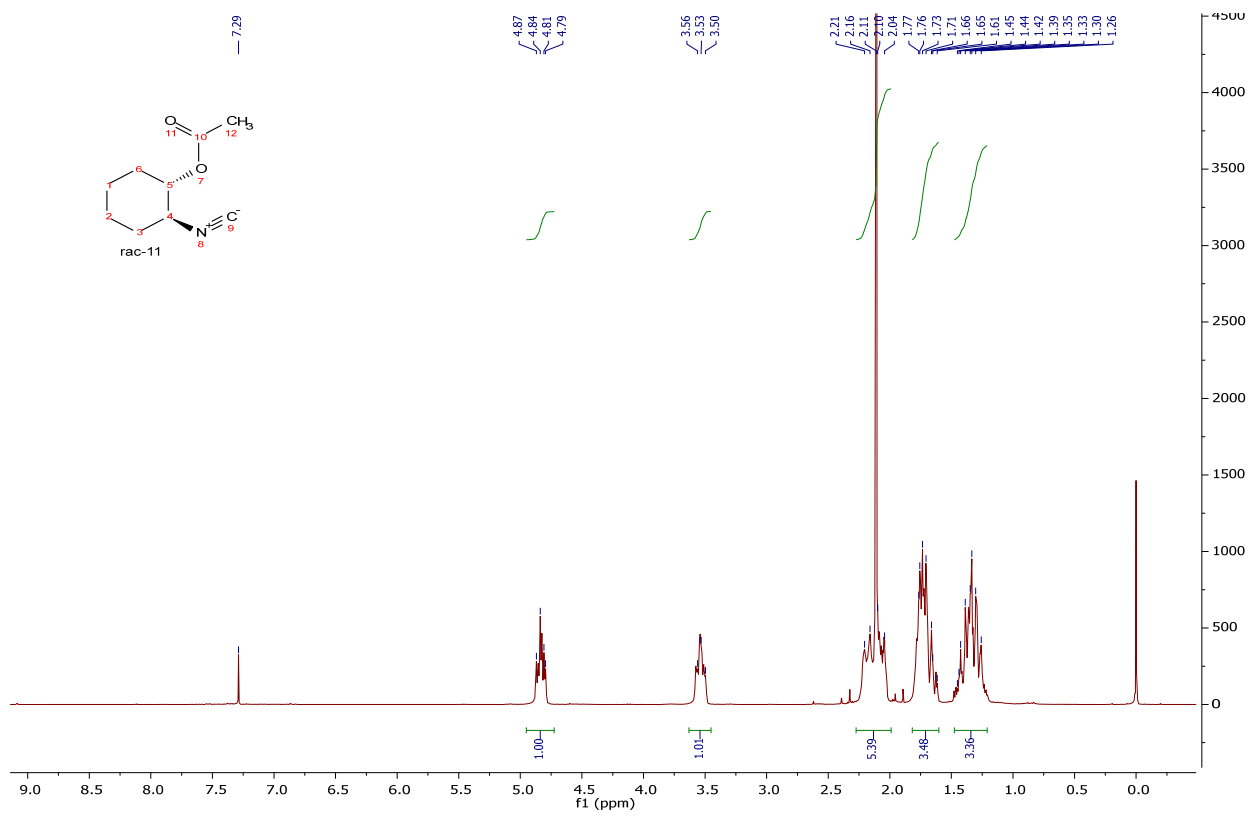
NMR spectra for *rac-9*



NMR spectra for *rac*-10

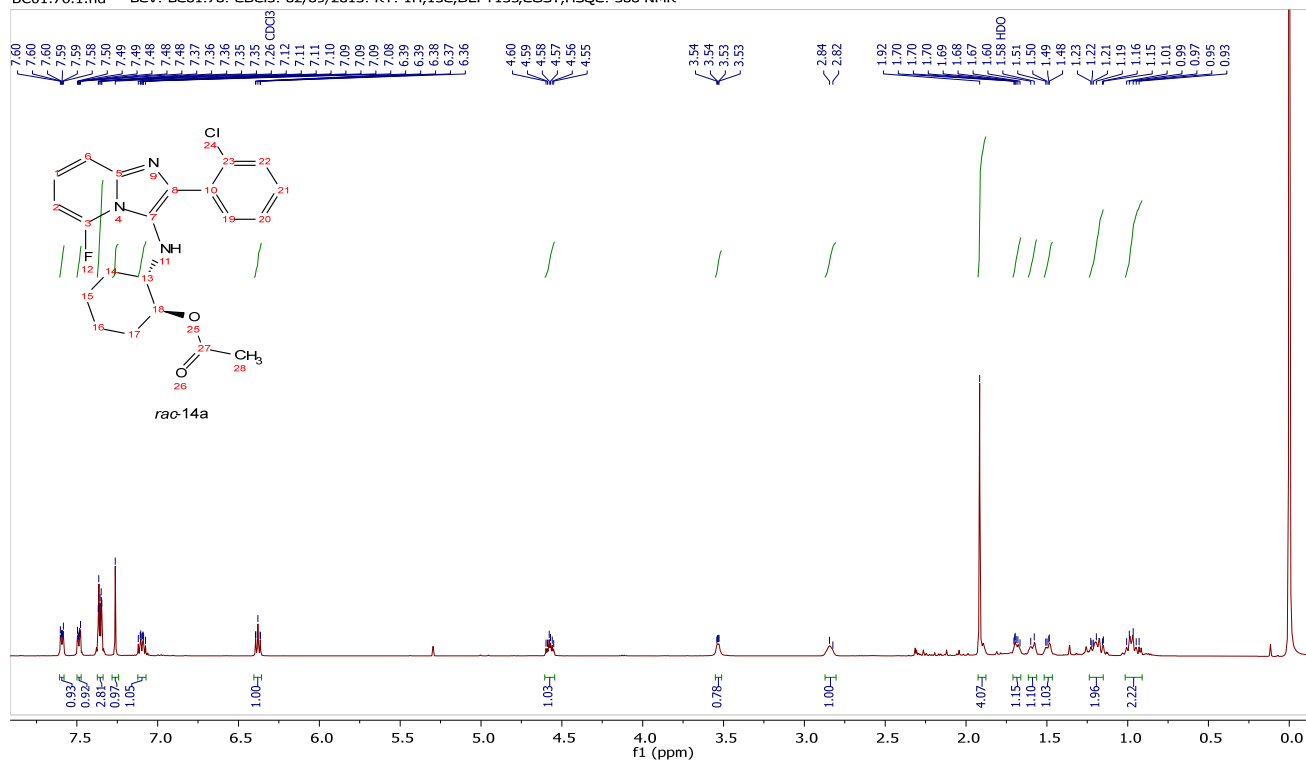


NMR spectra for *rac*-11

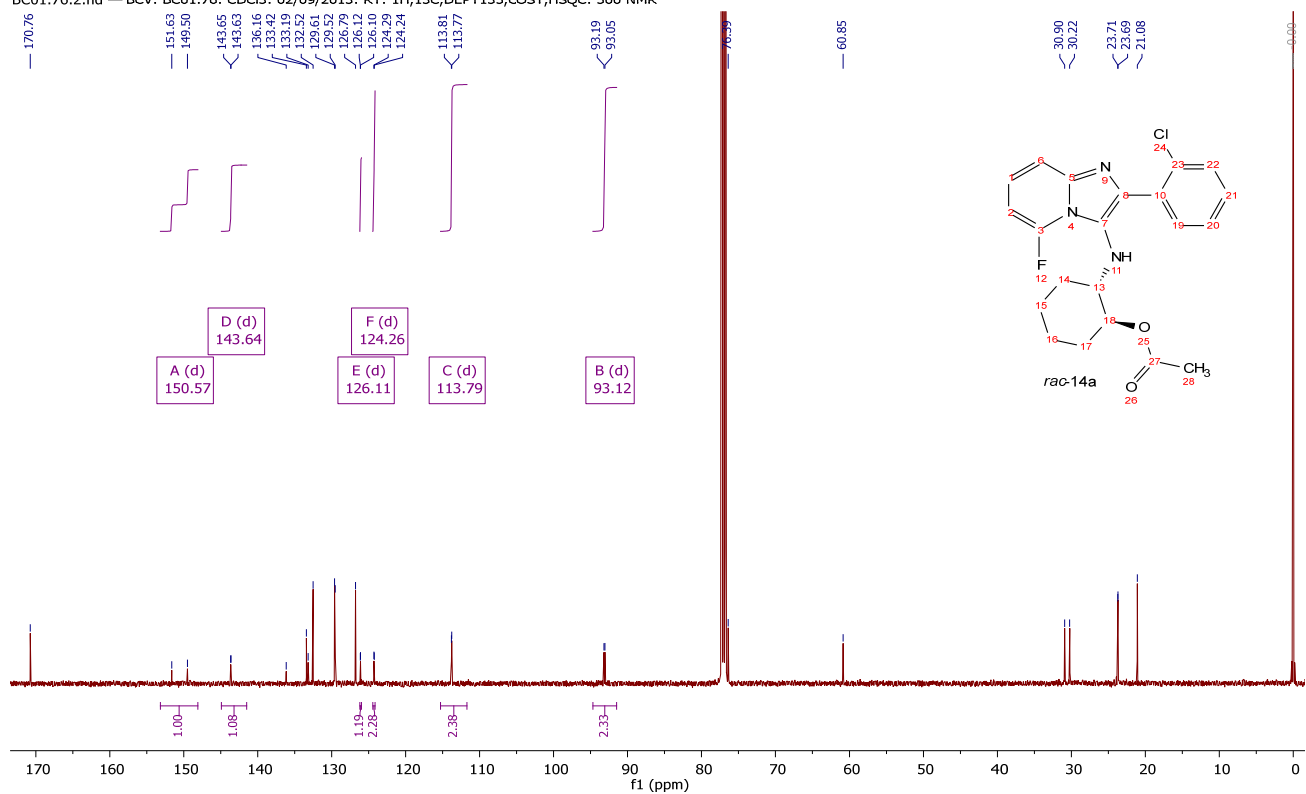


NMR spectra for rac-14a

BC01.76.1.fid — BCV: BC01.76: CDCl3: 02/09/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500 NMR

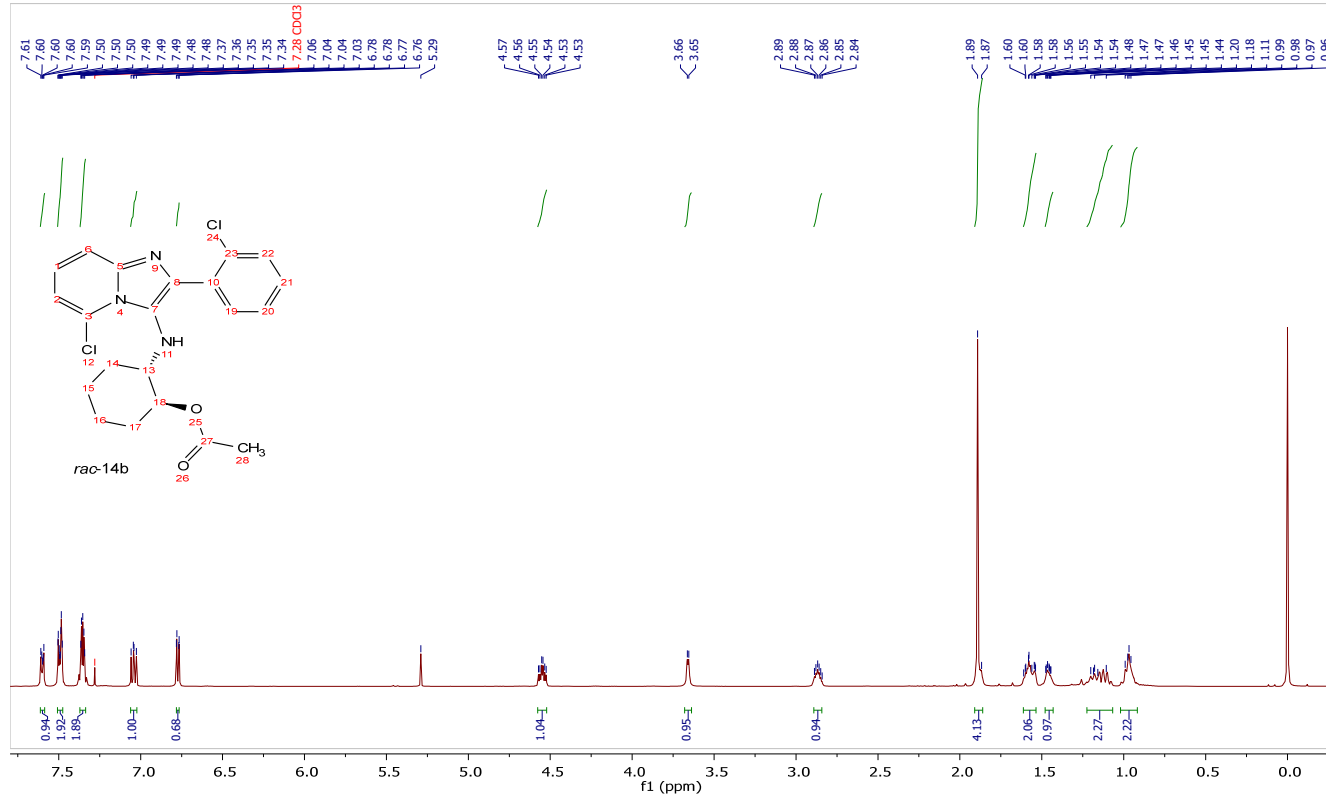


BC01.76.2.fid — BCV: BC01.76: CDCl3: 02/09/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500 NMR

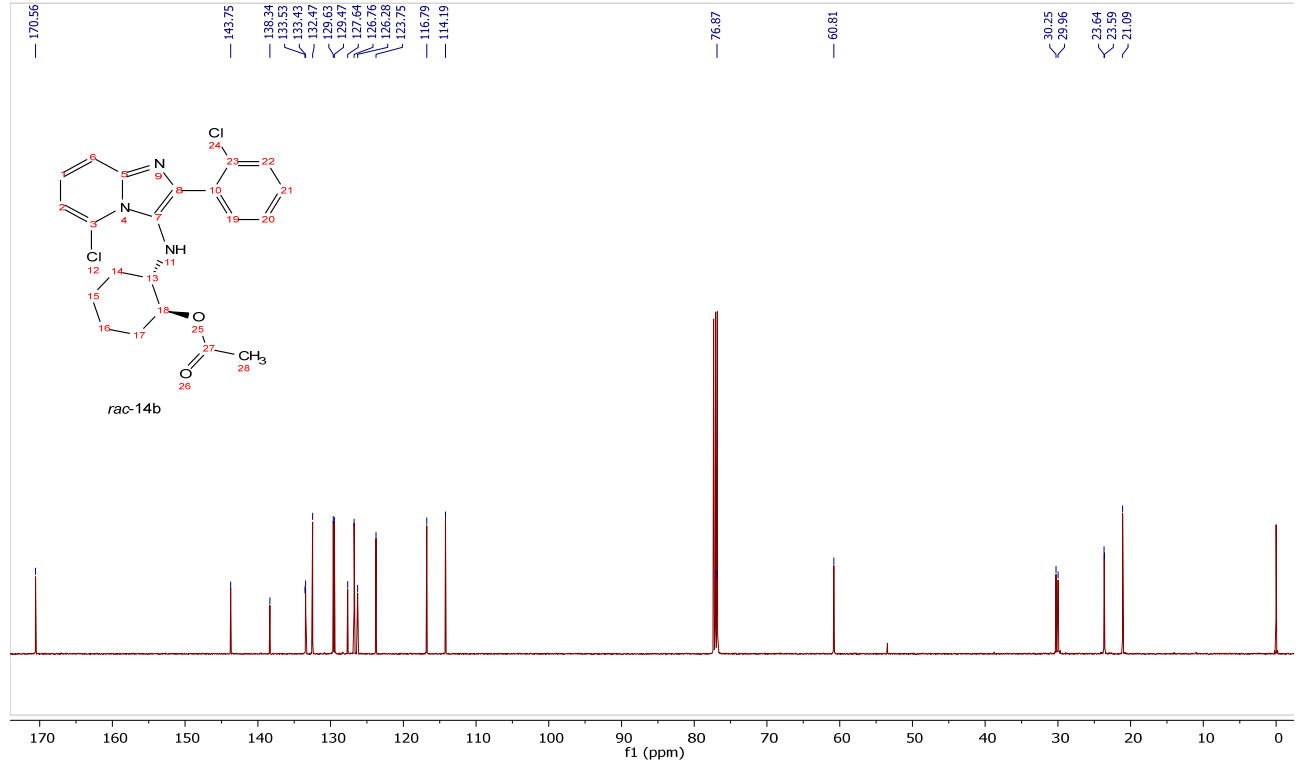


NMR spectra for rac-14b

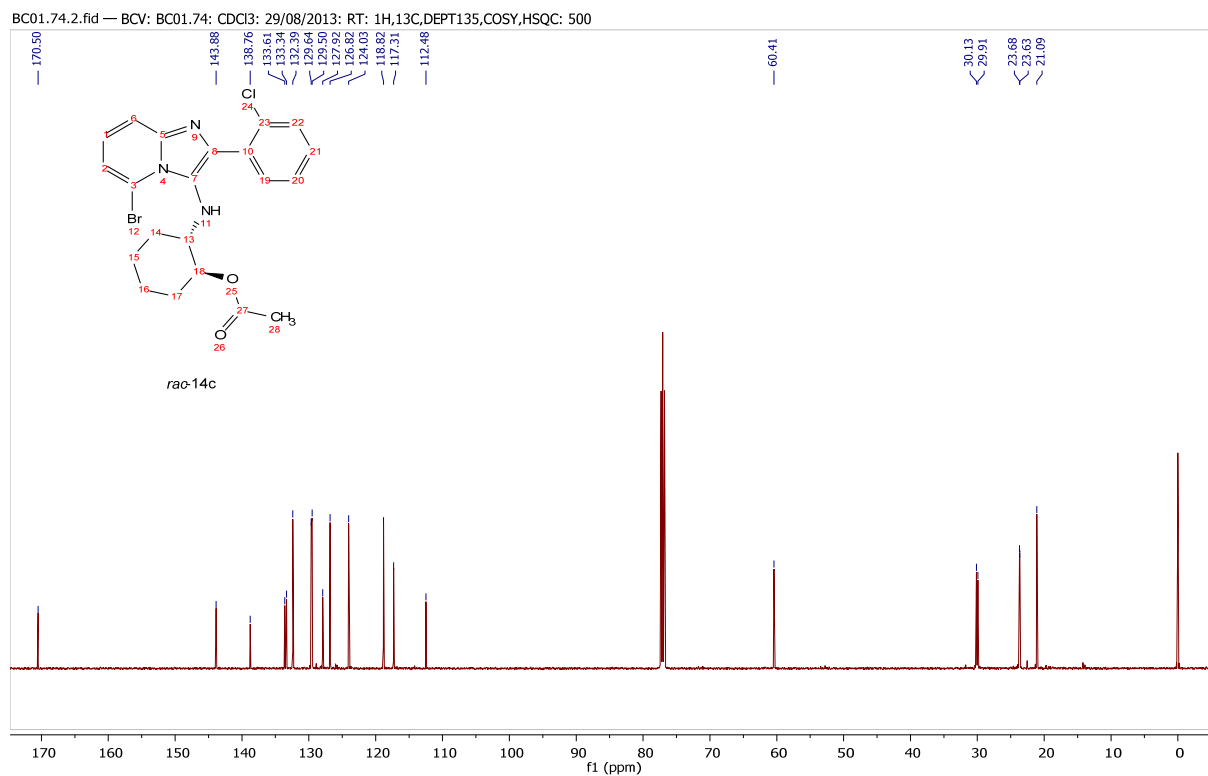
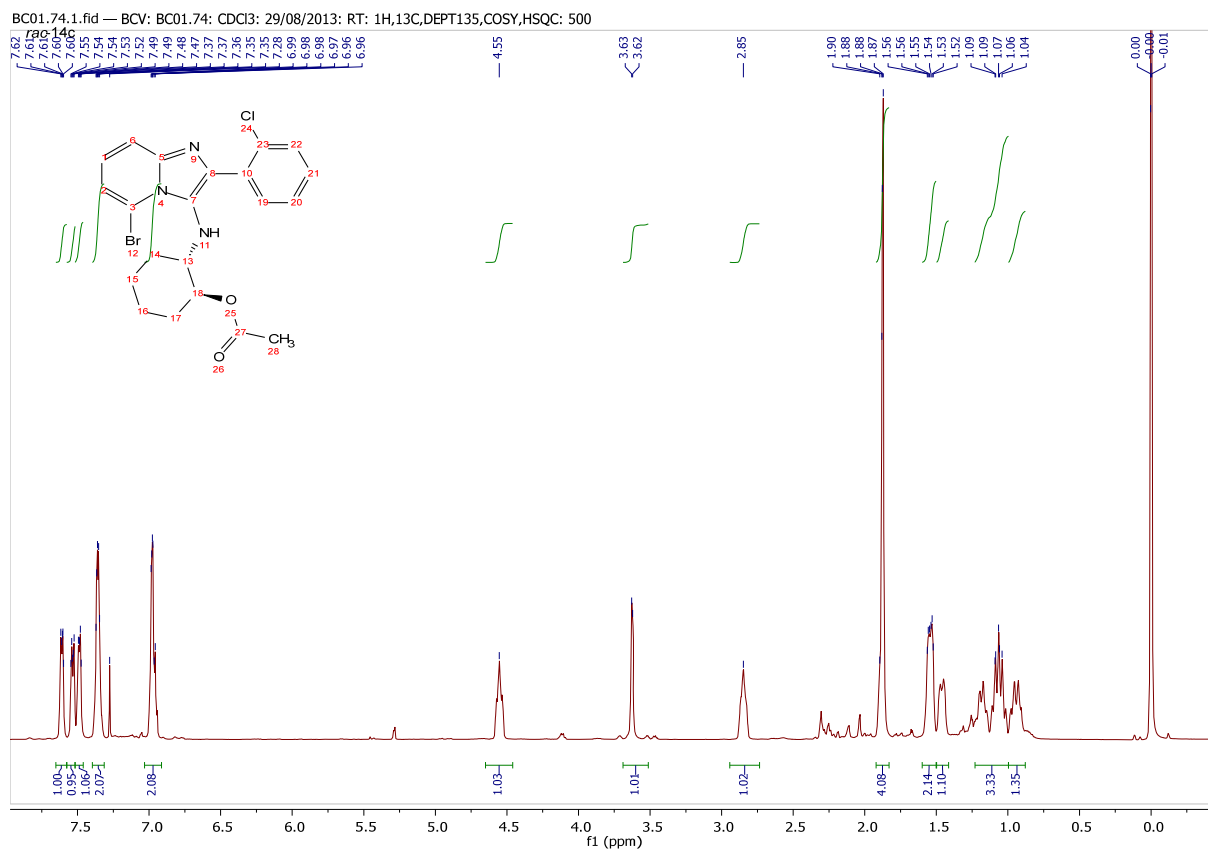
BC01.75.1.fid — BCV: BC01.75: CDCl3: 29/08/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500



BC01.75.2.fid — BCV: BC01.75: CDCl3: 29/08/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500

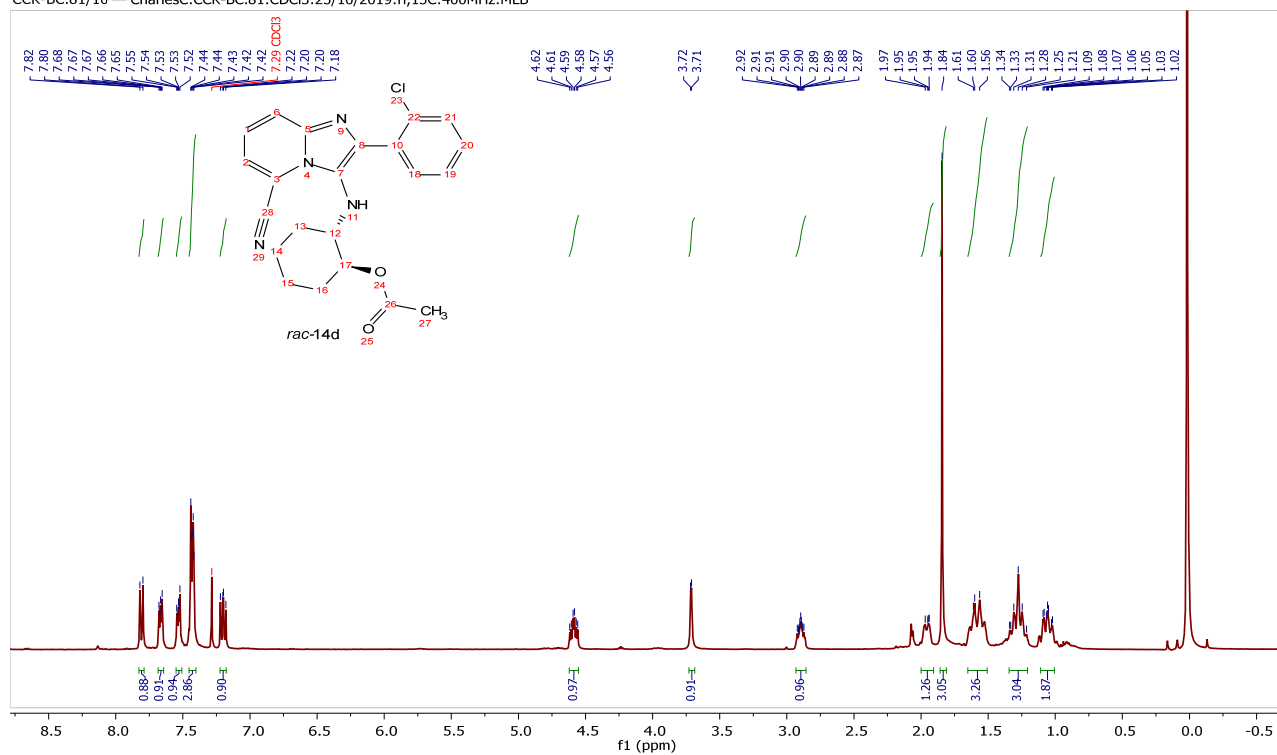


NMR spectra for *rac*-14c

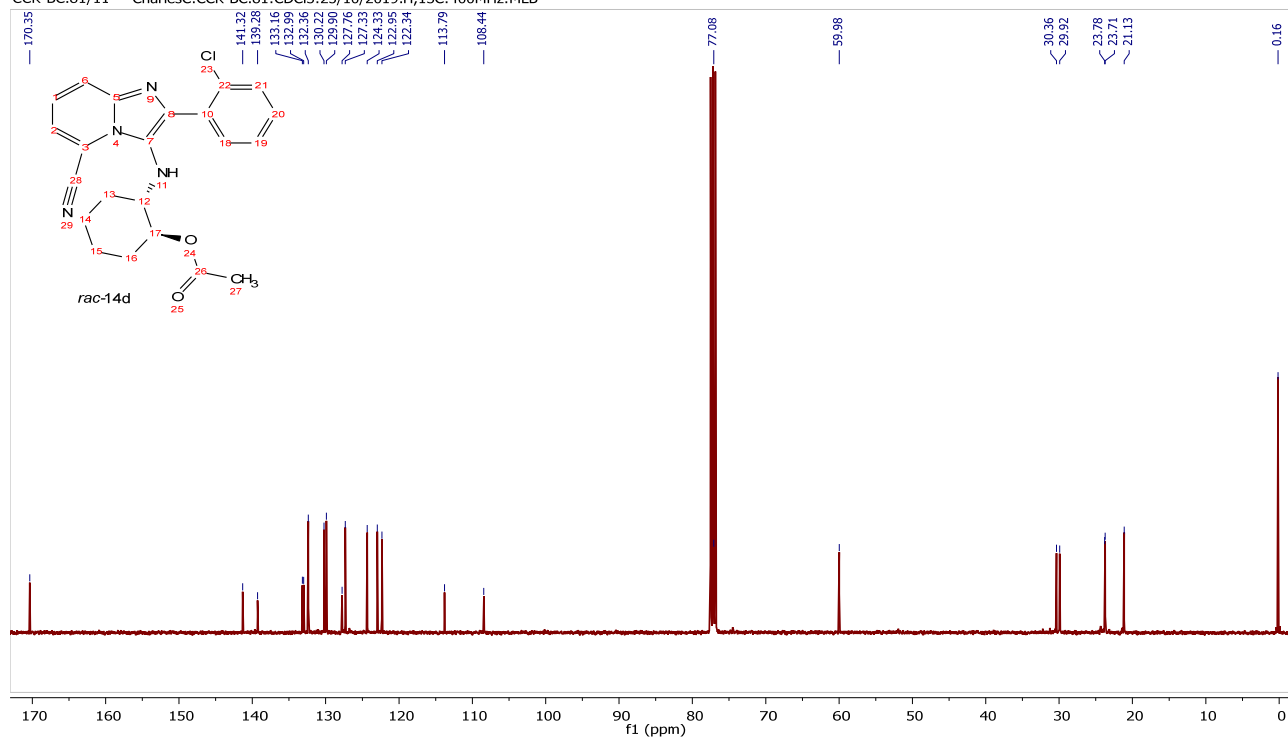


NMR spectra for *rac*-14d

CCK-BC.81/10 — CharlesC:CCK-BC.81:CDCl3:25/10/2019:H,13C:400MHz:MLB

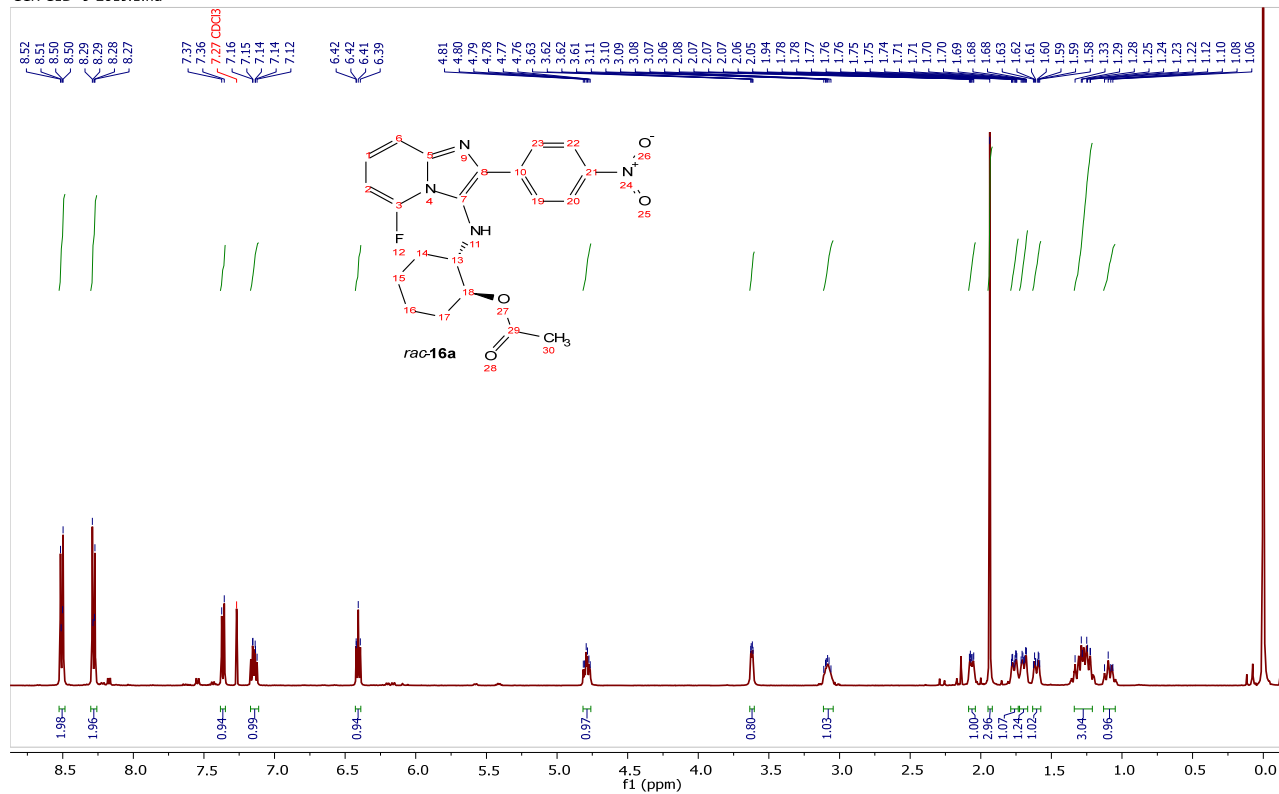


CCK-BC.81/11 — CharlesC:CCK-BC.81:CDCl3:25/10/2019:H,13C:400MHz:MLB

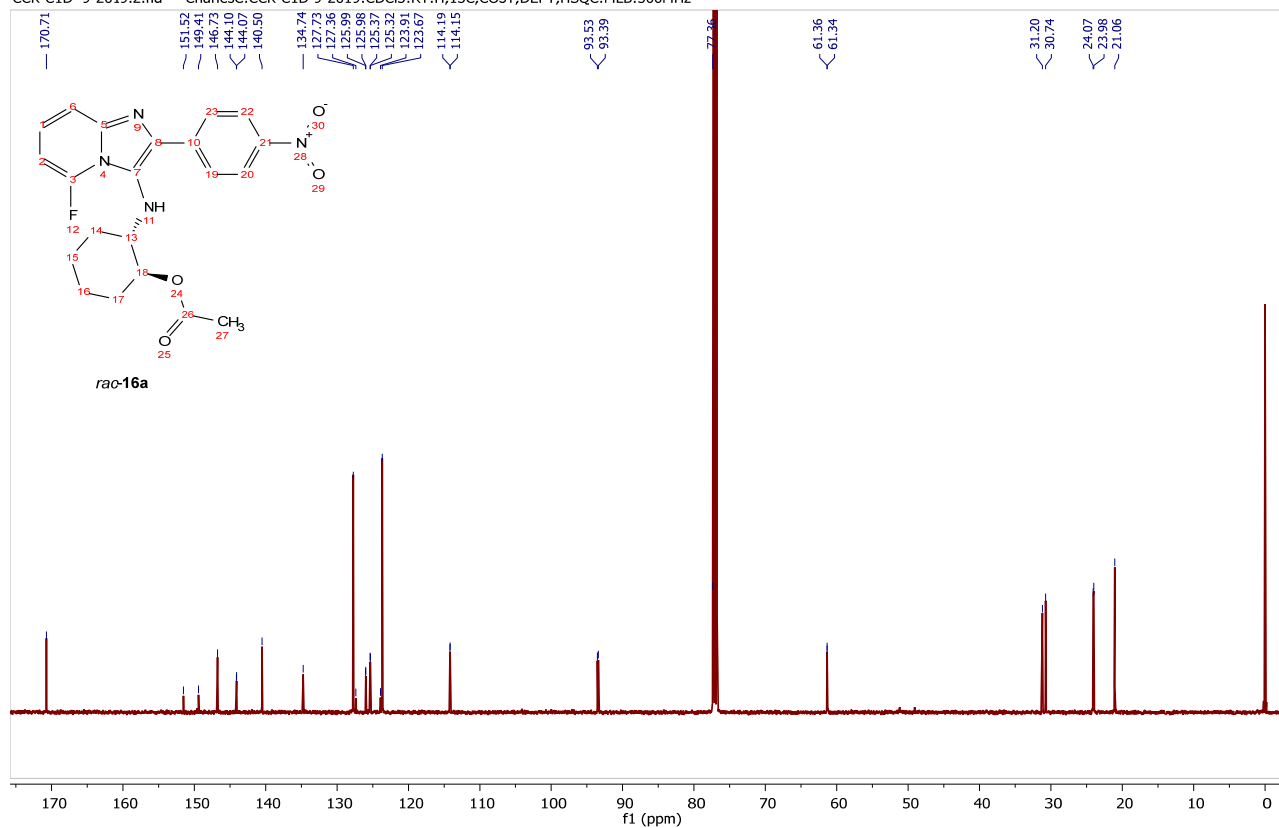


NMR spectra for rac-16a

CCK-C1D 9-2019.1.fid —

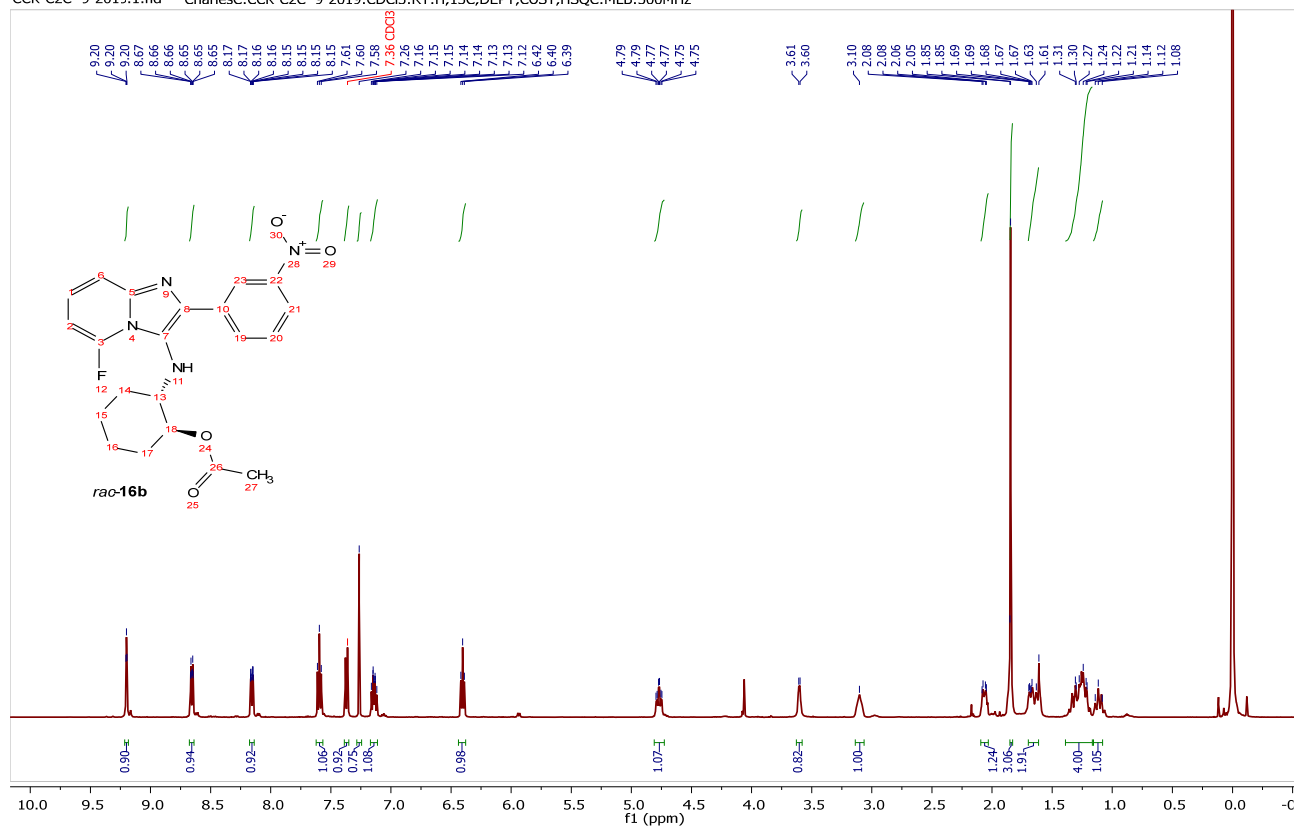


CCK-C1D 9-2019.2.fid — CharlesC:CCK-C1D 9-2019:CDCl3:RT:H,13C,COSY,DEPT,HSQC:MLB:500MHz

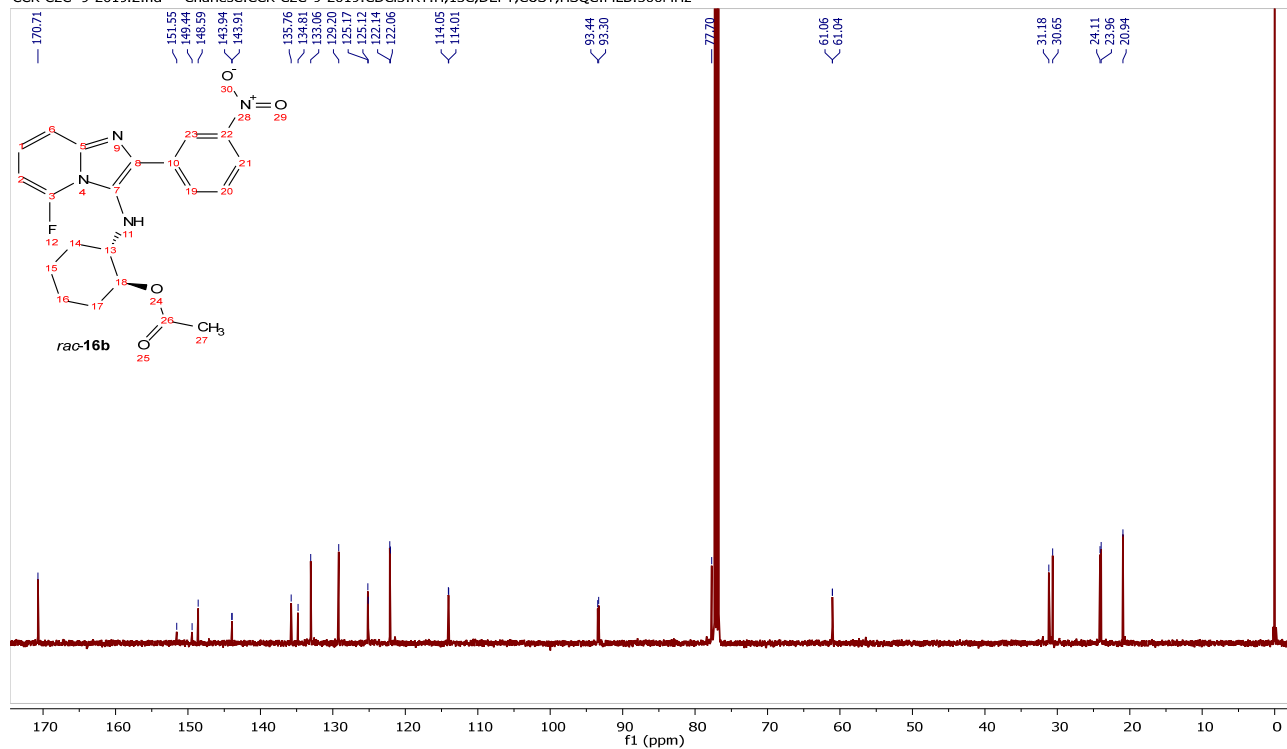


NMR spectra for rac-16b

CCK-C2C 9-2019.1.fid — CharlesC:CCK-C2C 9-2019:CDCl3:RT:H,13C,DEPT,COSY,HSQC:MLB:500MHz

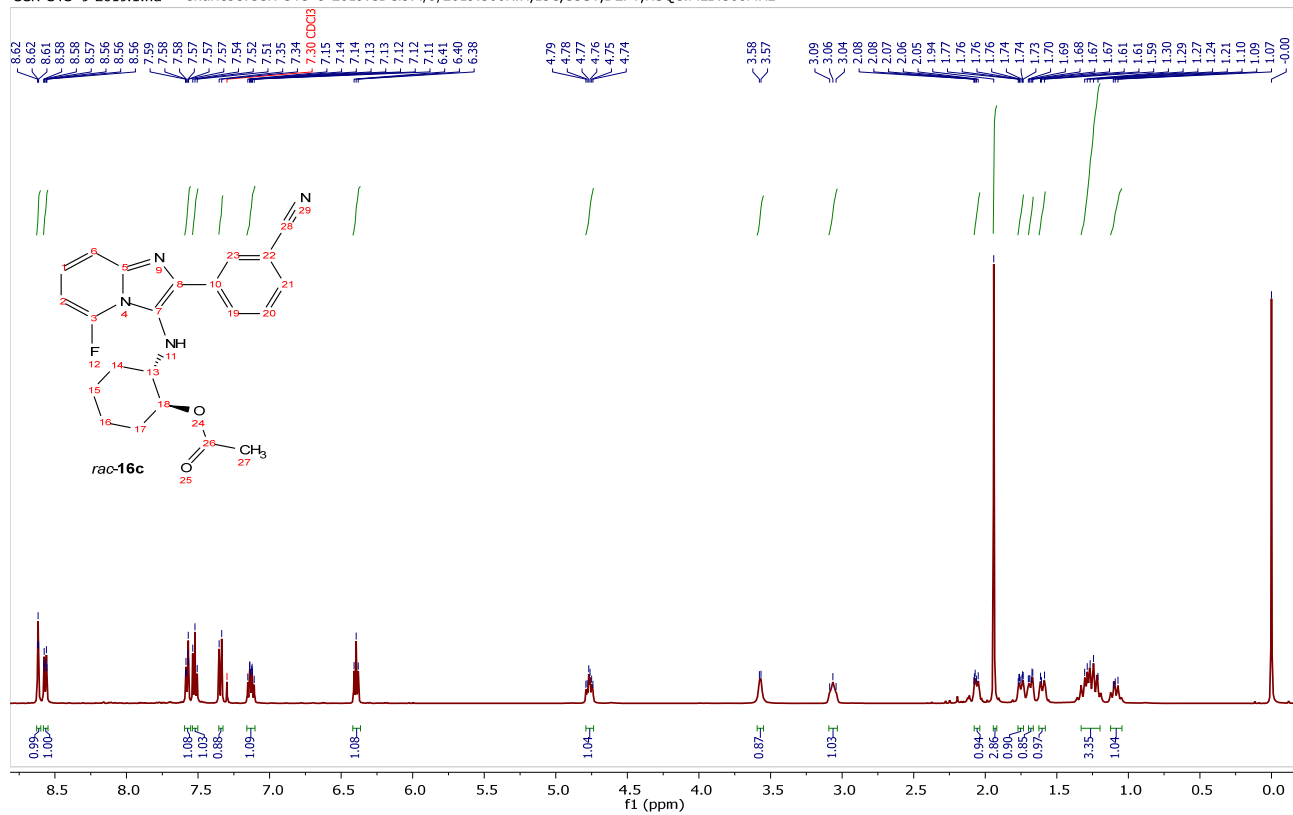


CCK-C2C 9-2019.2.fid — CharlesC:CCK-C2C 9-2019:CDCl3:RT:H,13C,DEPT,COSY,HSQC:MLB:500MHz

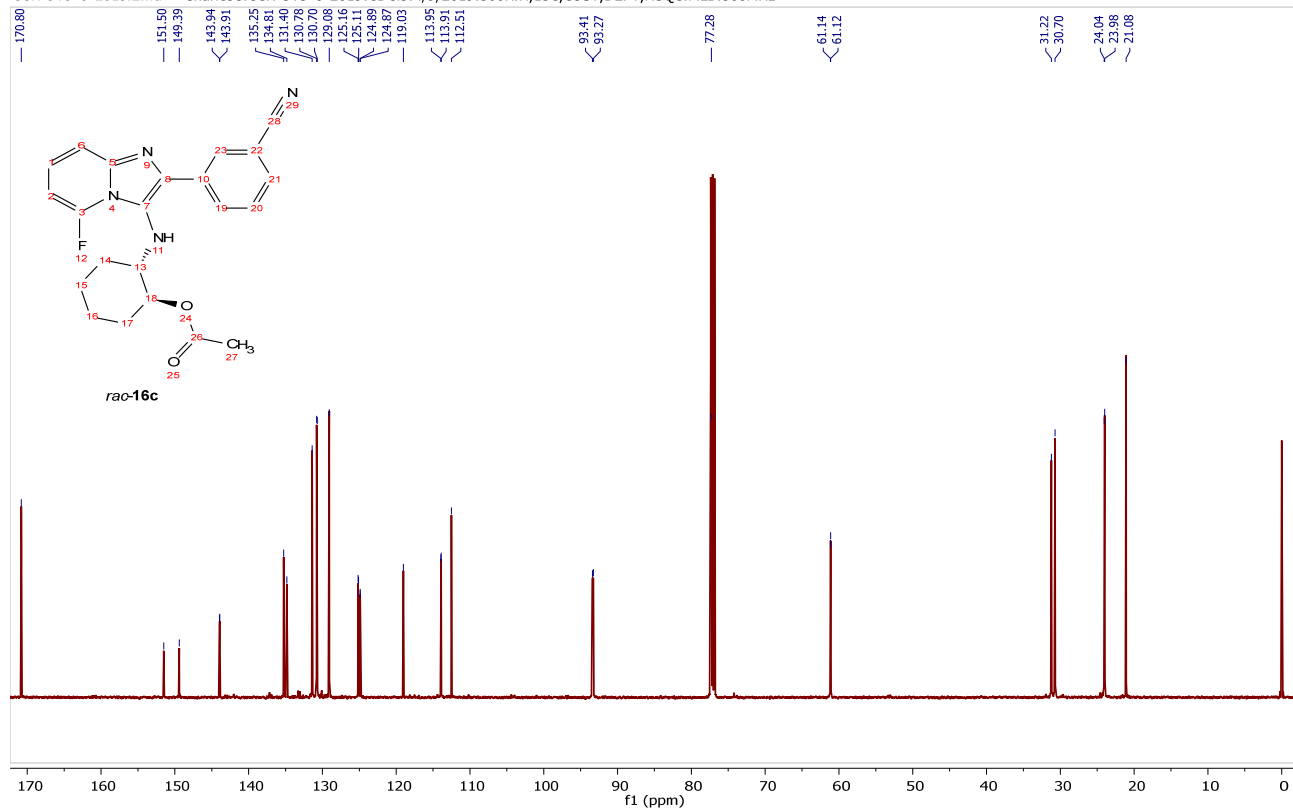


NMR spectra for *rac-16c*

CCK-C4C 9-2019.1.fid — CharlesC:CCK-C4C 9-2019:CDCl3:4/9/2019:300K:H,13C,COSY,DEPT,HSQC:MLB:500MHz

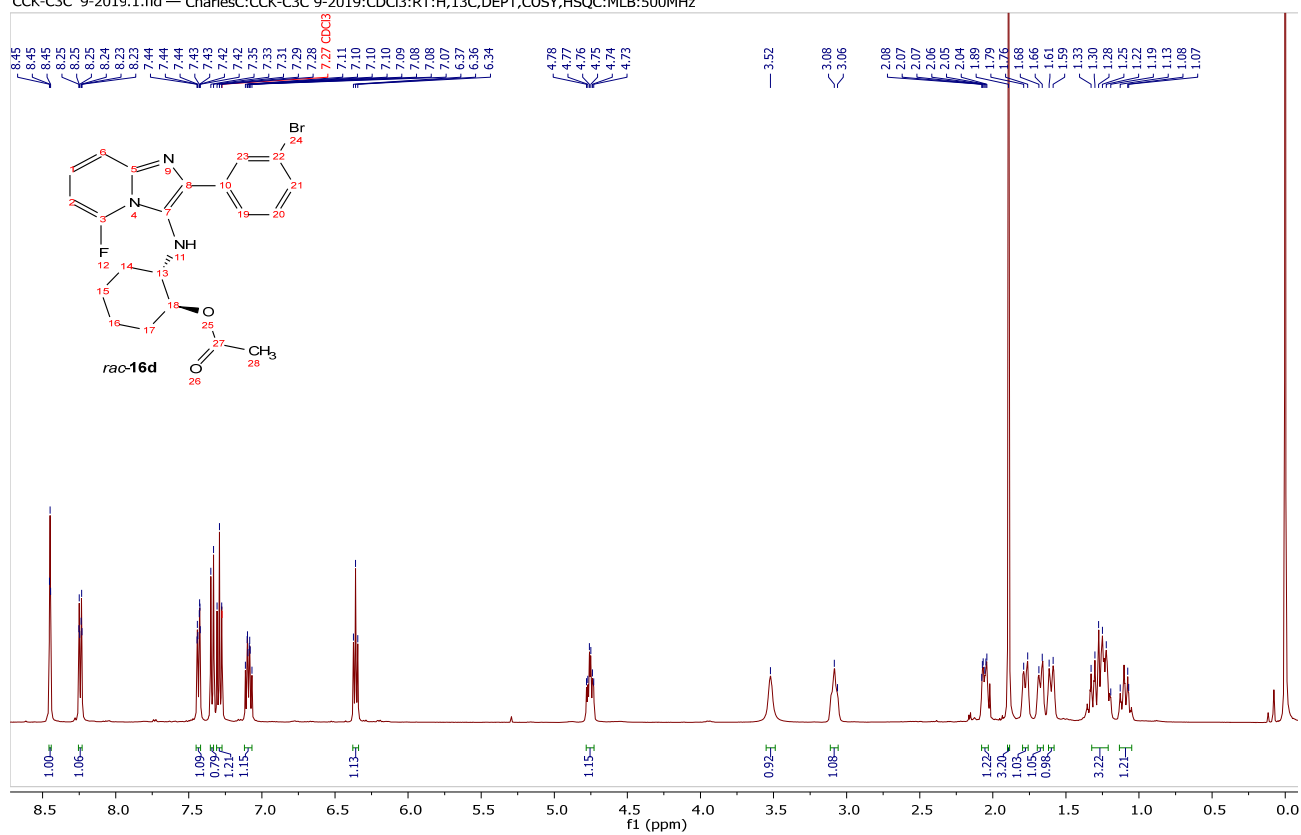


CCK-C4C 9-2019.2.fid — CharlesC:CCK-C4C 9-2019:CDCl3:4/9/2019:300K:H,13C,COSY,DEPT,HSQC:MLB:500MHz

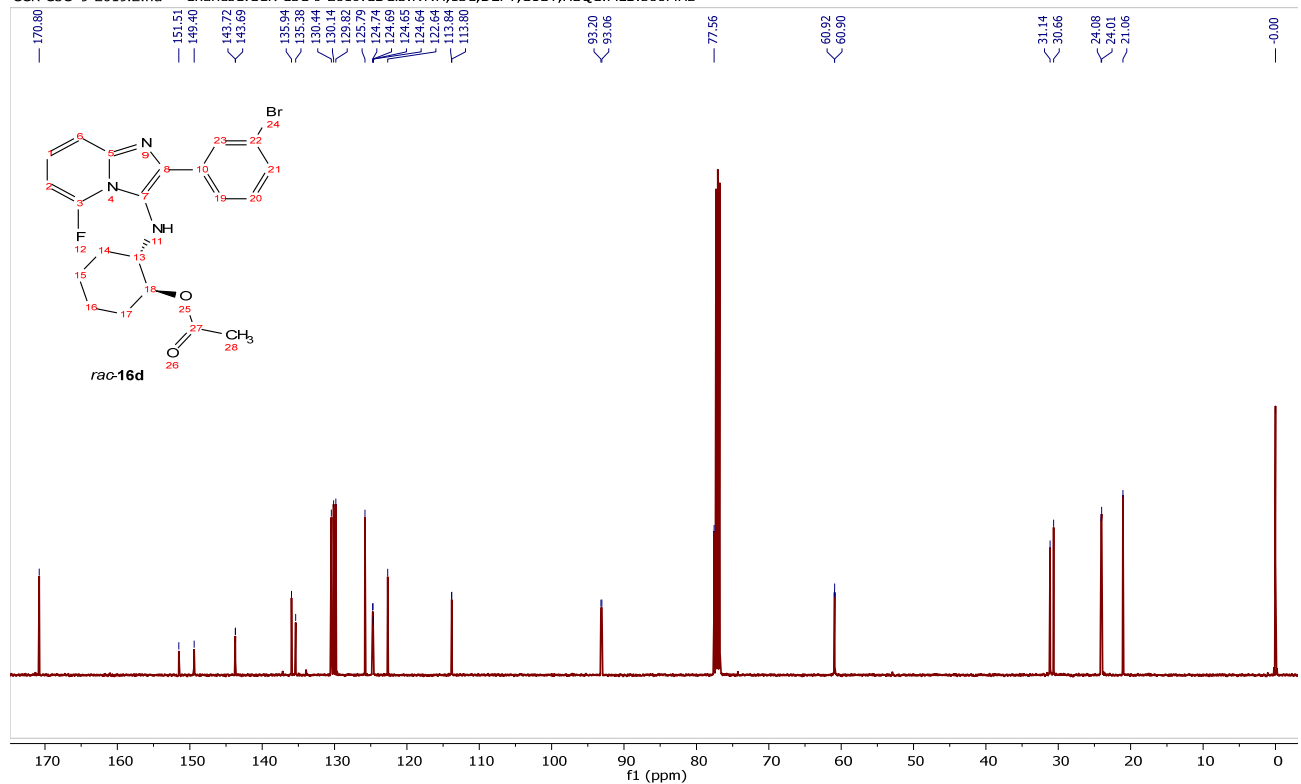


NMR spectra for *rac*-16d

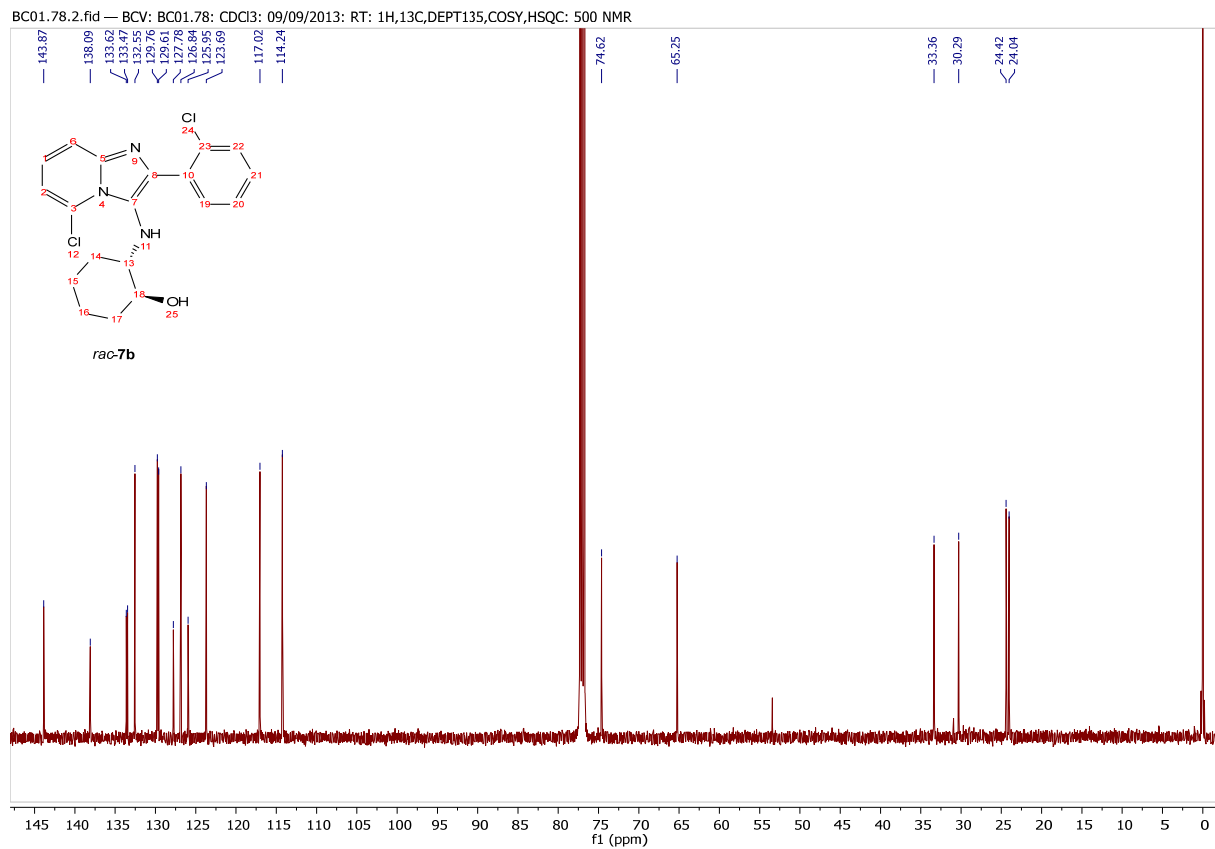
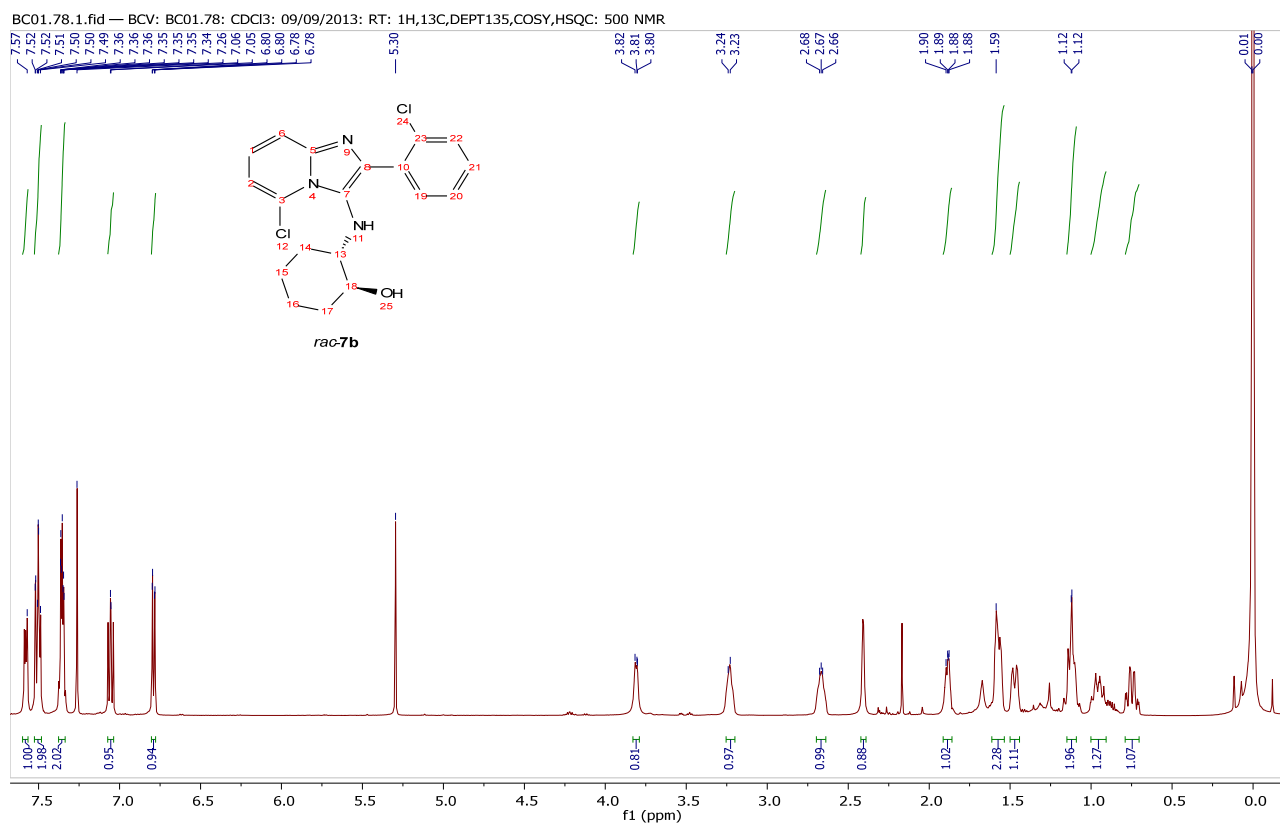
CCK-C3C 9-2019.1.fid — CharlesC:CCK-C3C 9-2019:CDCl3:RT:H,13C,DEPT,COSY,HSQC:MLB:500MHz



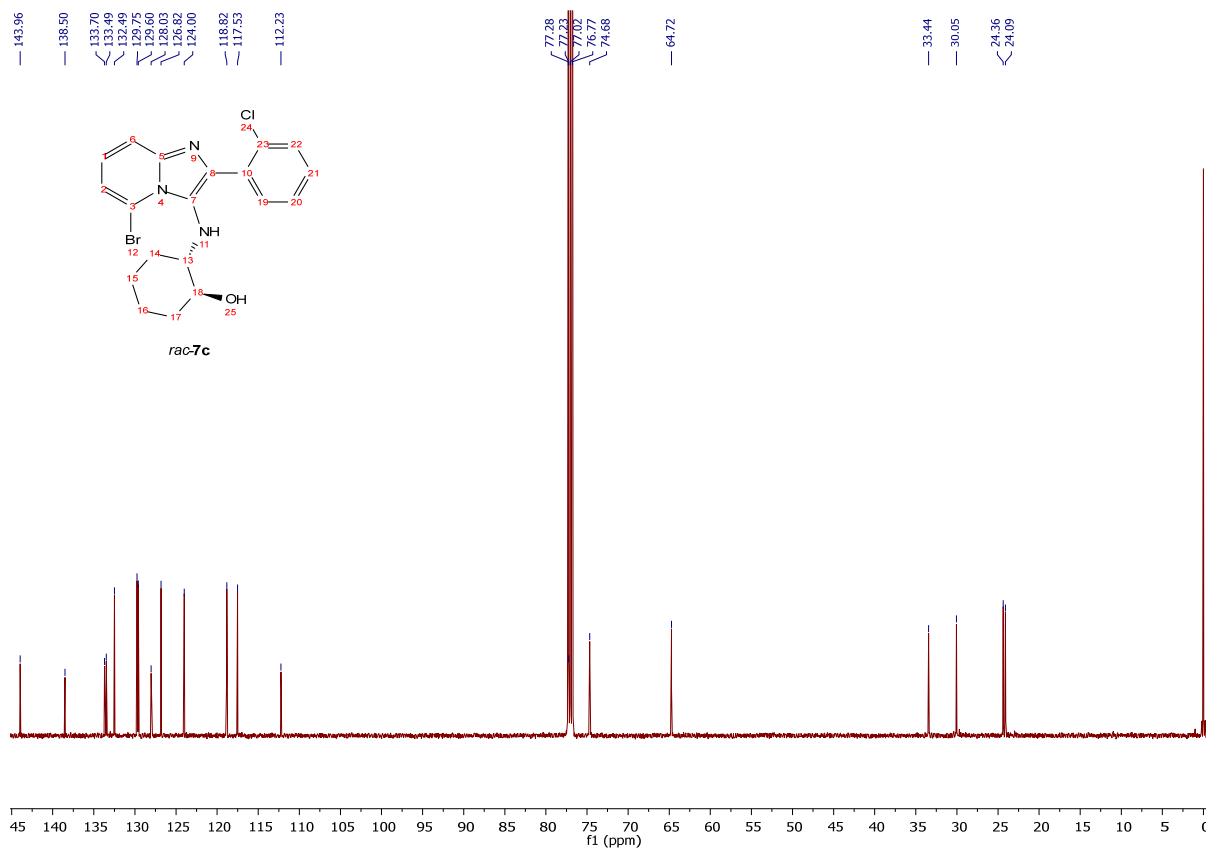
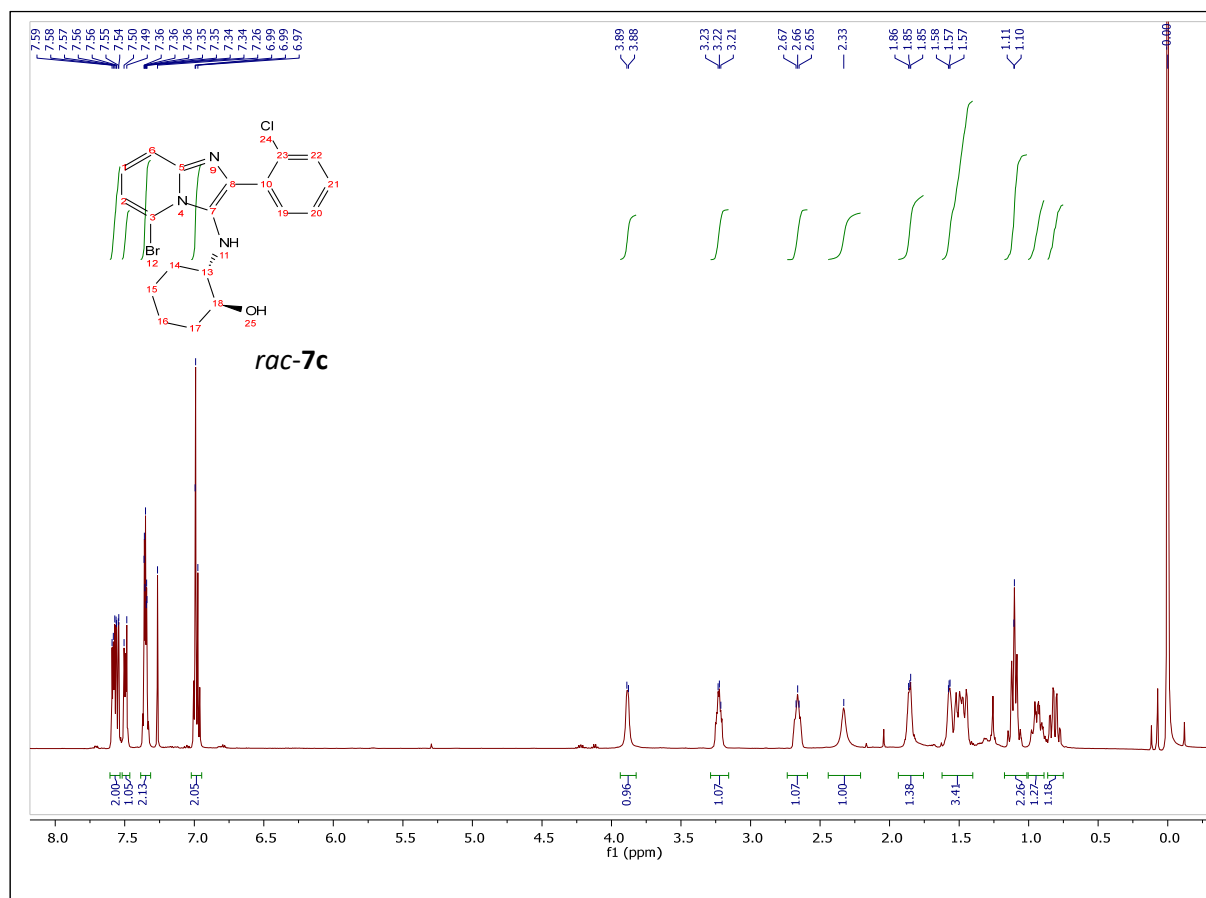
CCK-C3C 9-2019.2.fid — CharlesC:CCK-C3C 9-2019:CDCl3:RT:H,13C,DEPT,COSY,HSQC:MLB:500MHz



NMR spectra for *rac-7b*

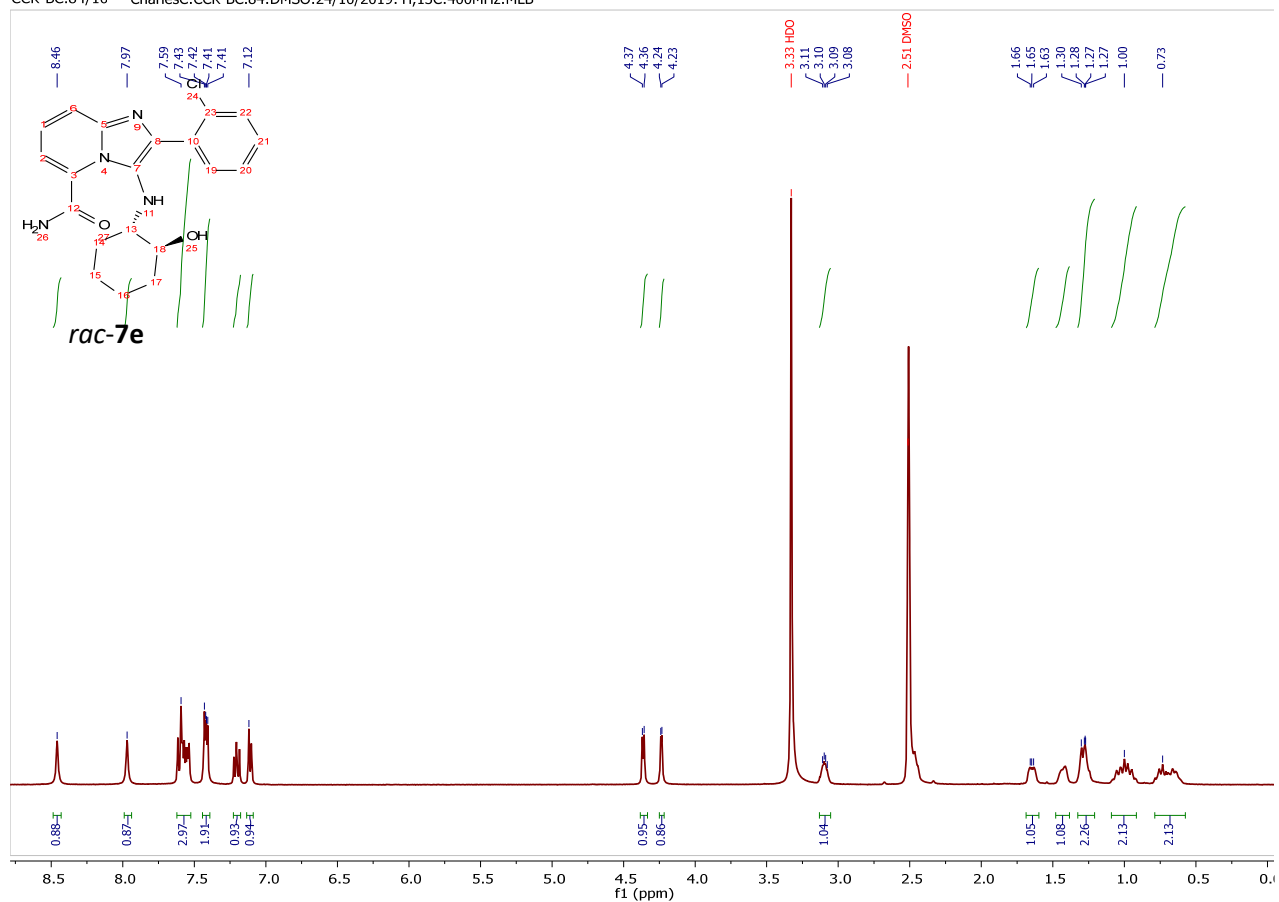


NMR spectra for *rac-7c*

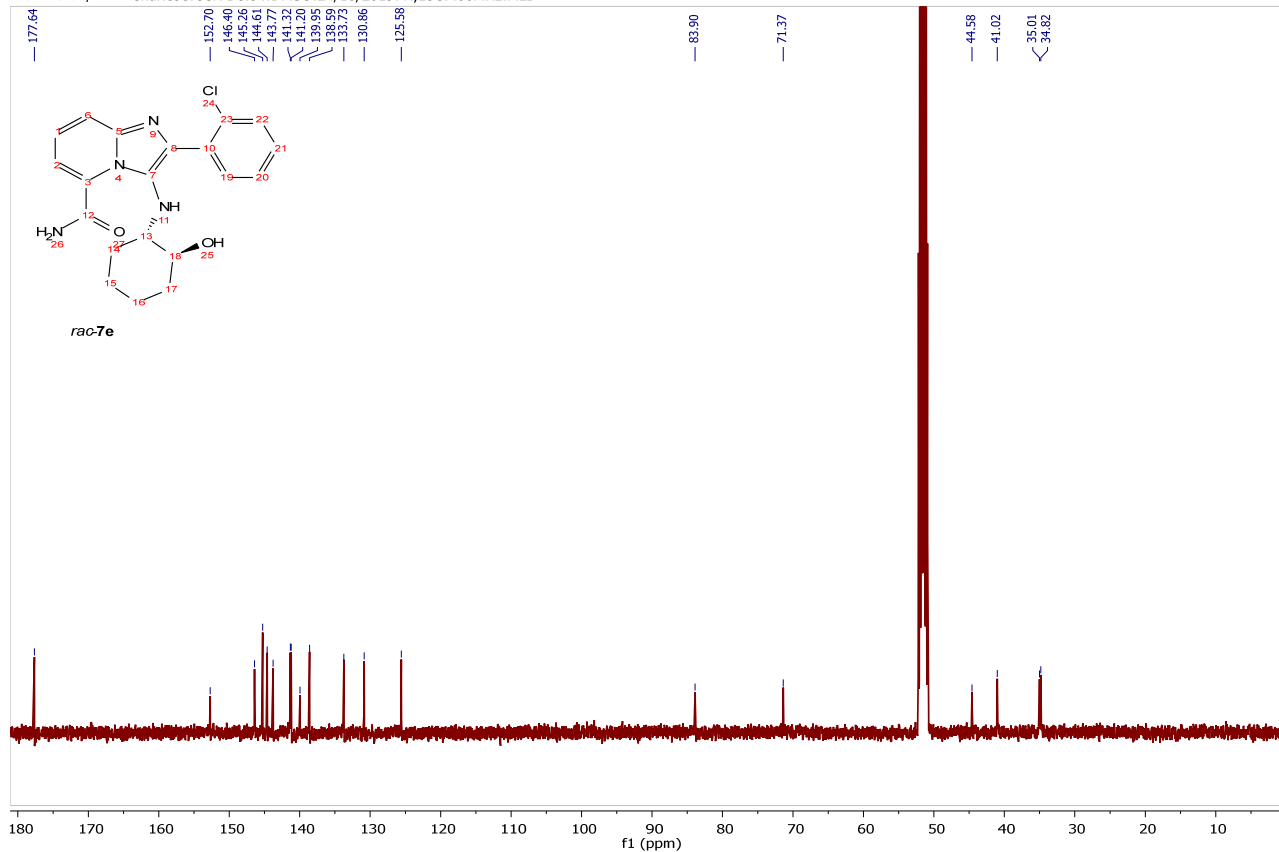


NMR spectra for *rac-7e*

CCK-BC.84/10 — CharlesC:CCK-BC.84:DMSO:24/10/2019: H,13C:400MHz:MLB

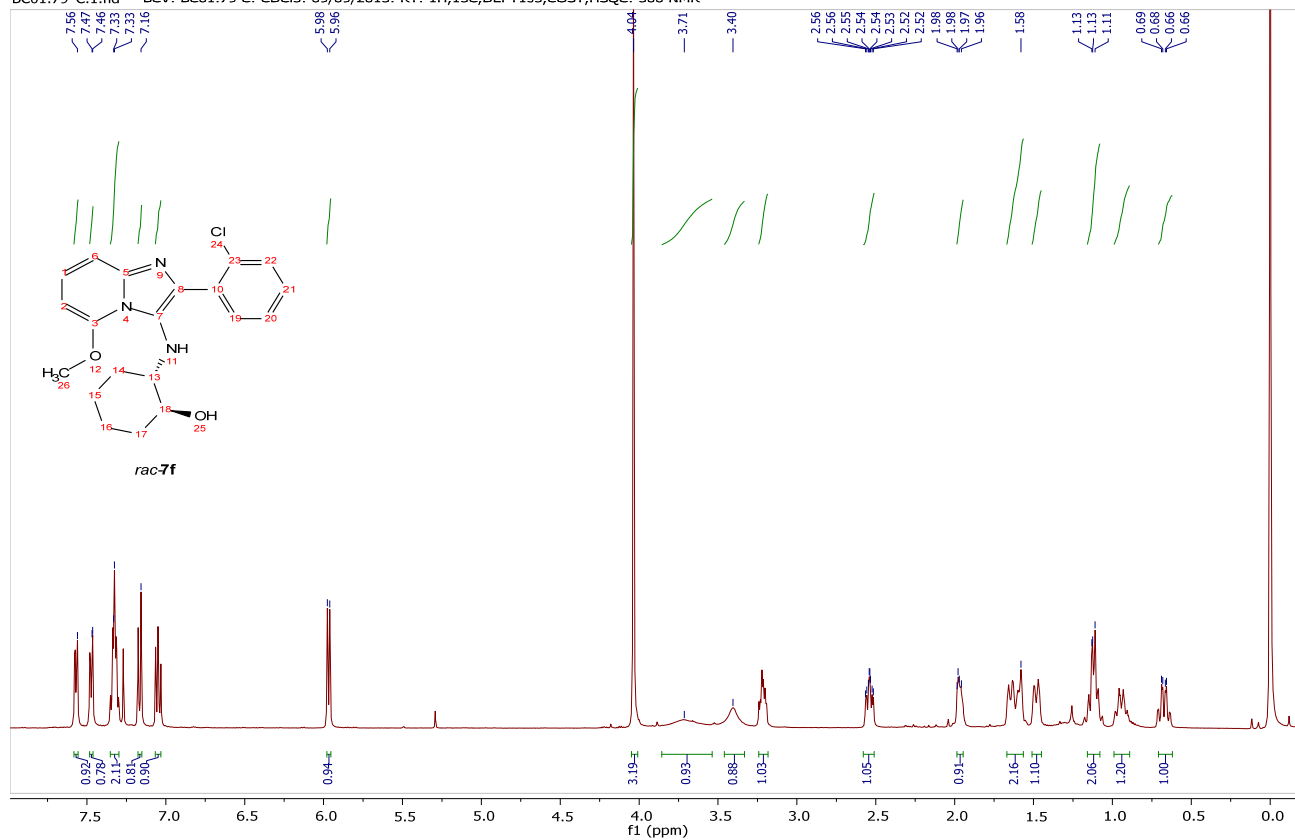


CCK-BC.84/11 — CharlesC:CCK-BC.84:DMSO:24/10/2019: H,13C:400MHz:MLB

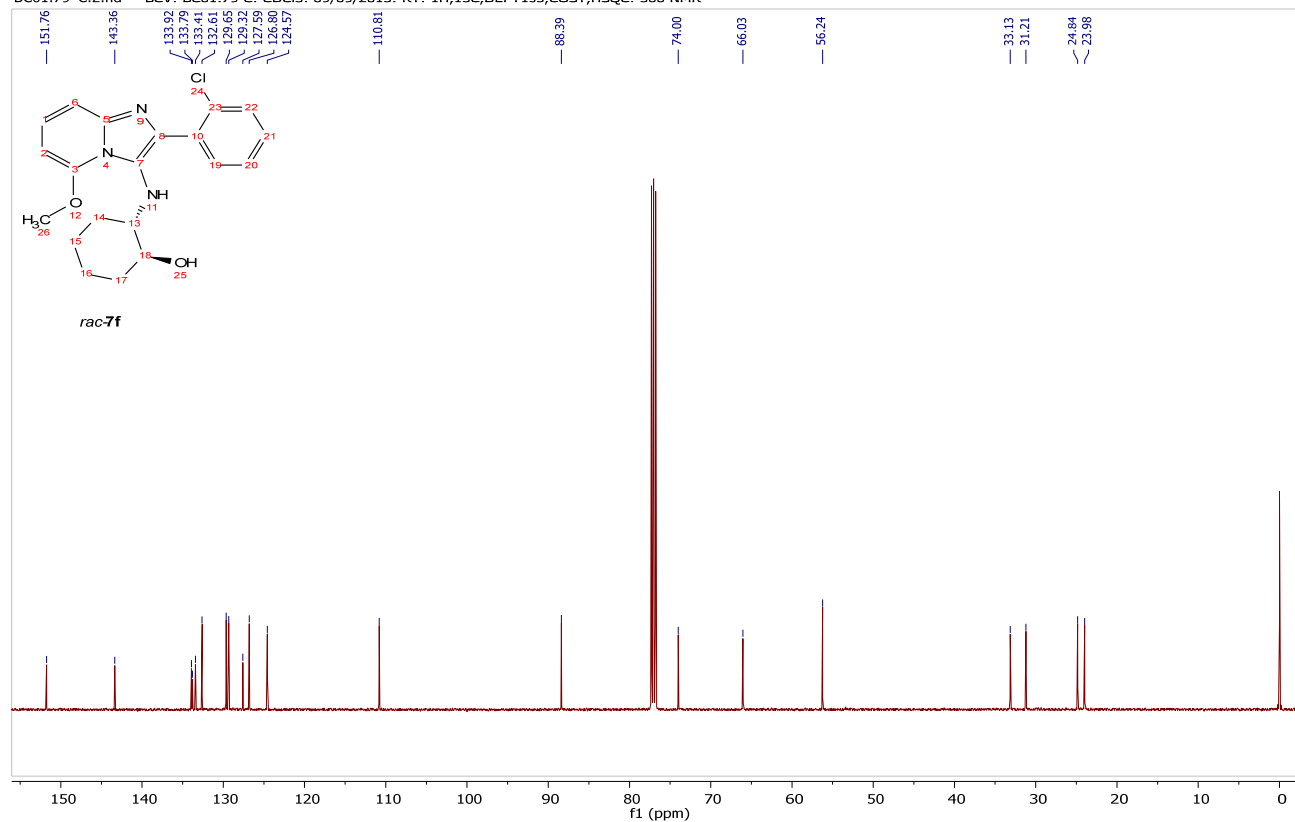


NMR spectra for *rac-7f*

BC01.79 C.1.fid — BCV: BC01.79 C: CDCl₃: 09/09/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500 NMR

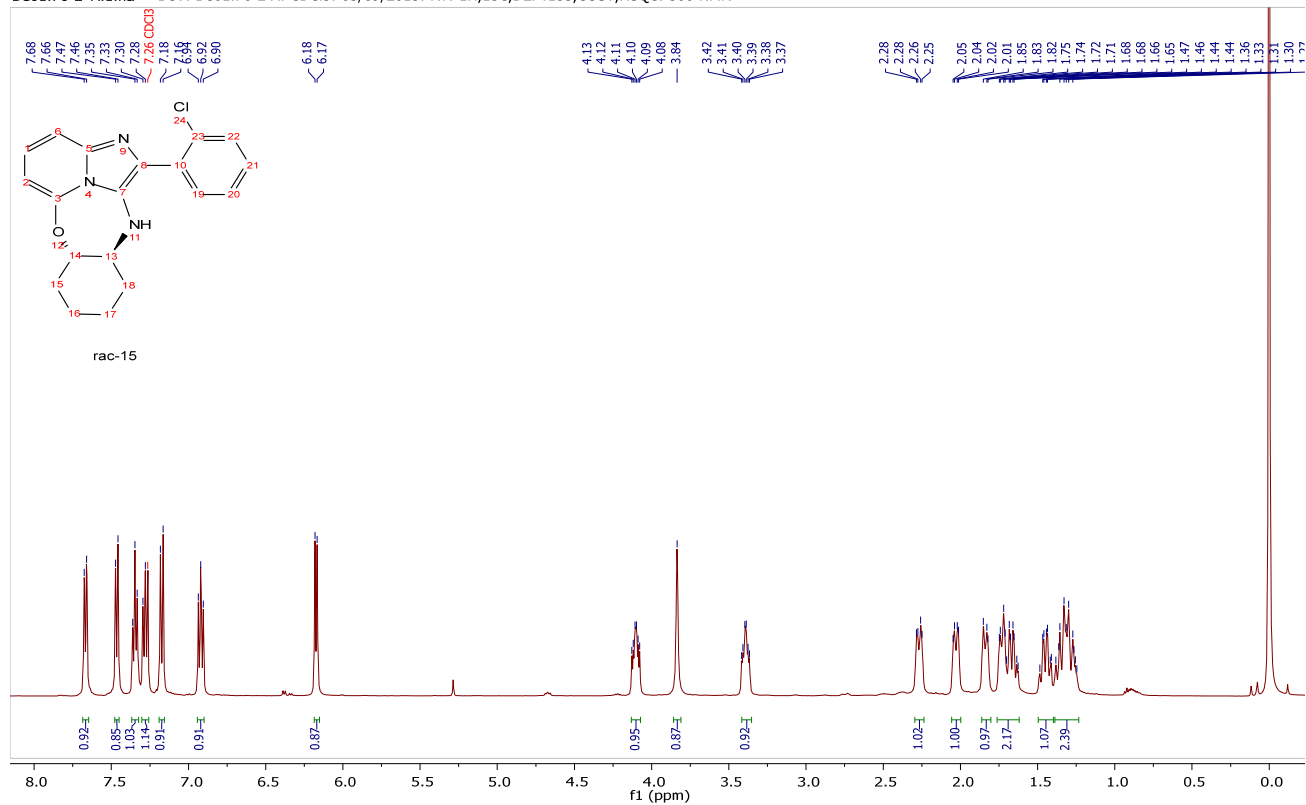


BC01.79 C.2.fid — BCV: BC01.79 C: CDCl₃: 09/09/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500 NMR

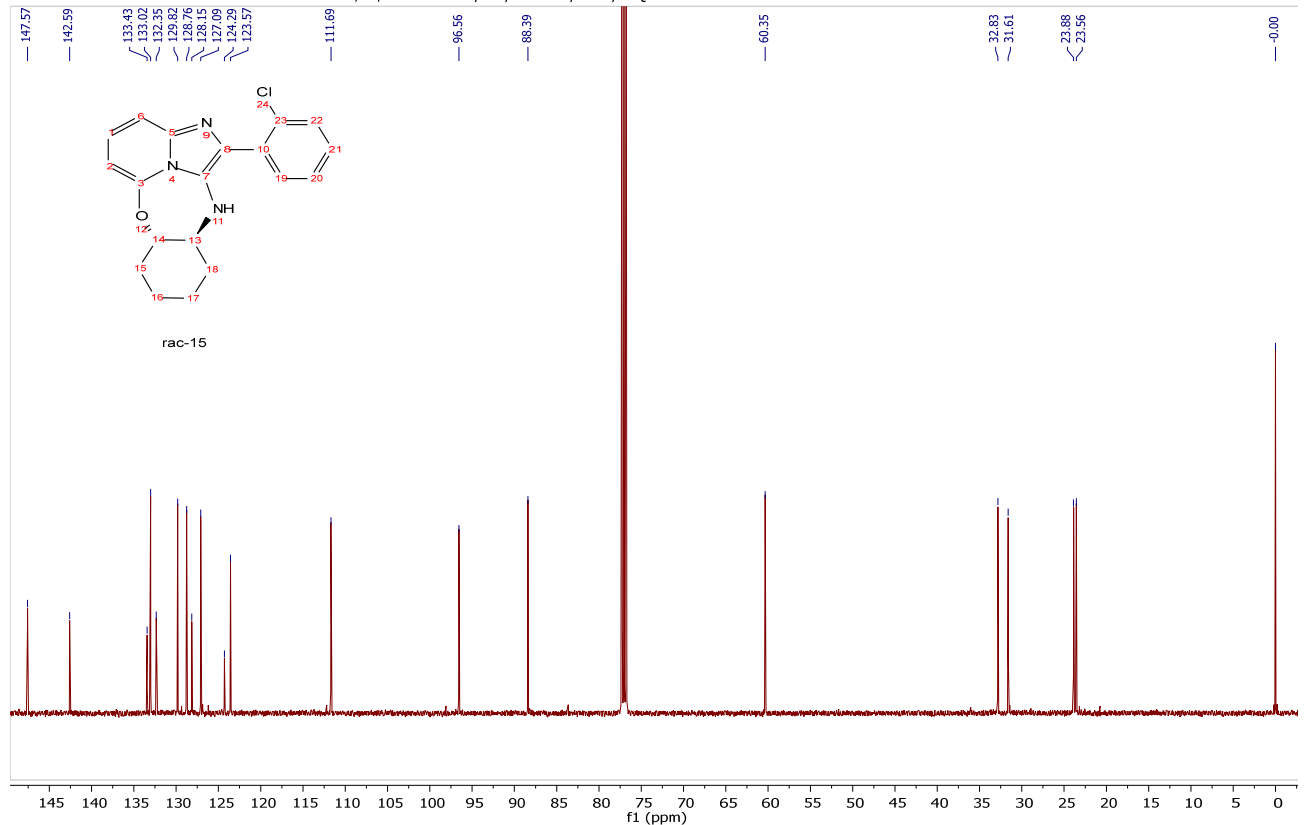


NMR spectra for rac-15

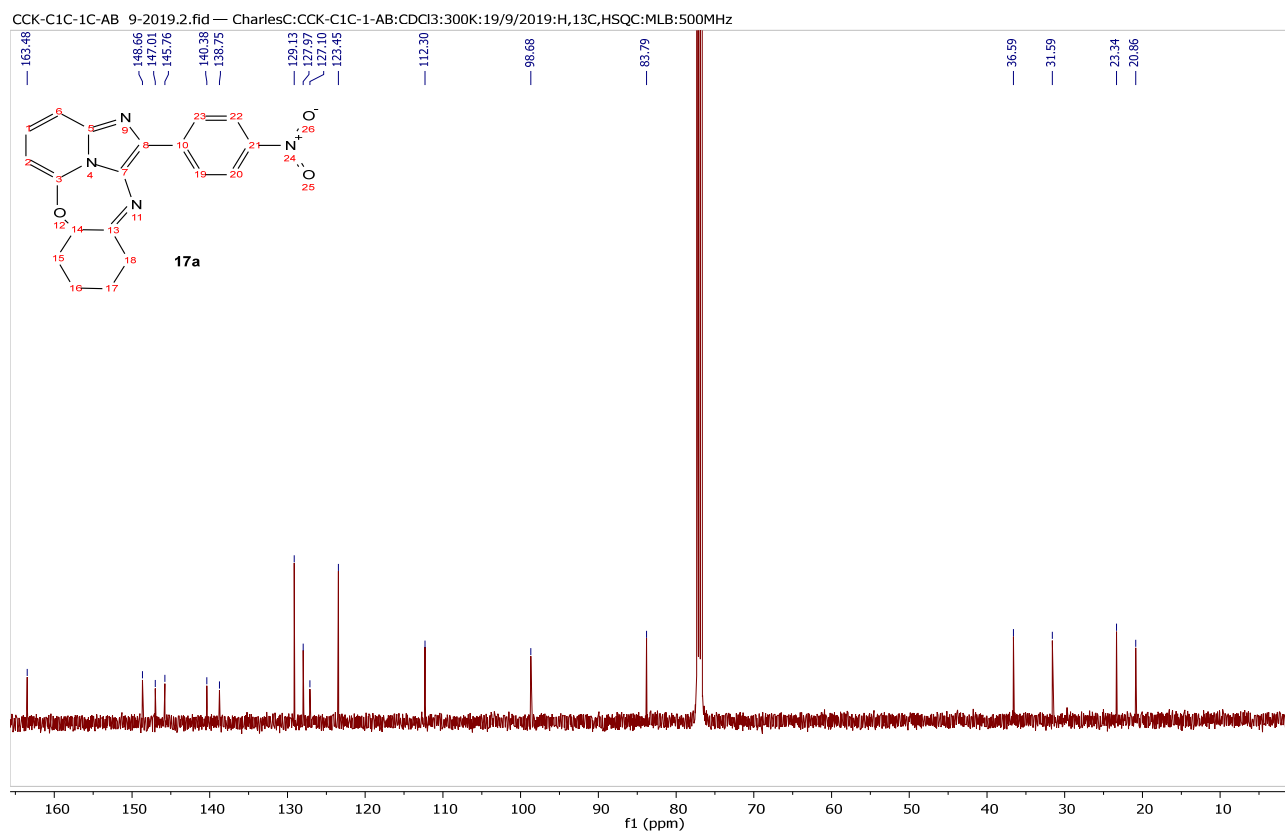
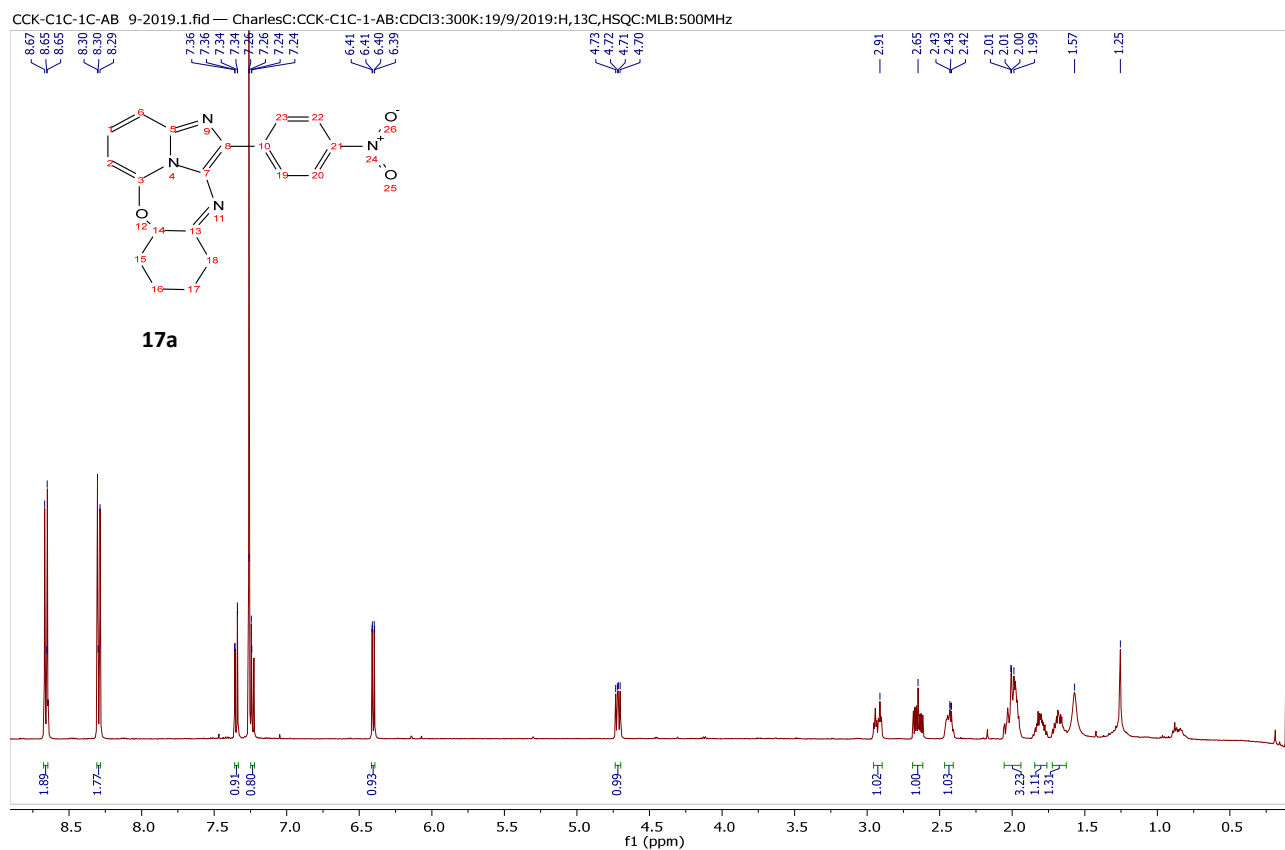
BC01.76-2 A.1.fid — BCV: BC01.76-2 A: CDCl3: 03/09/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500 NMR



BC01.76-2 A.3.fid — BCV: BC01.76-2 A: CDCl3: 03/09/2013: RT: 1H,13C,DEPT135,COSY,HSQC: 500 NMR

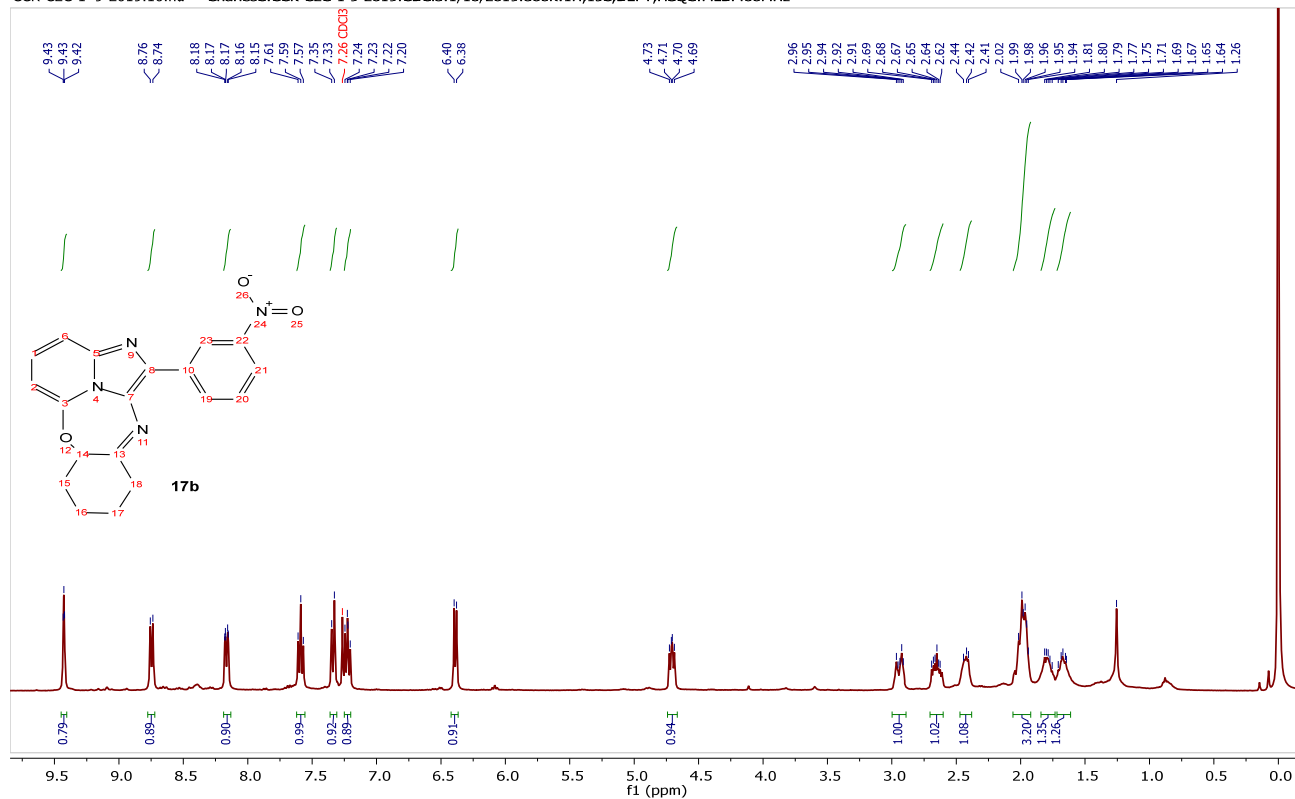


NMR spectra for 17a

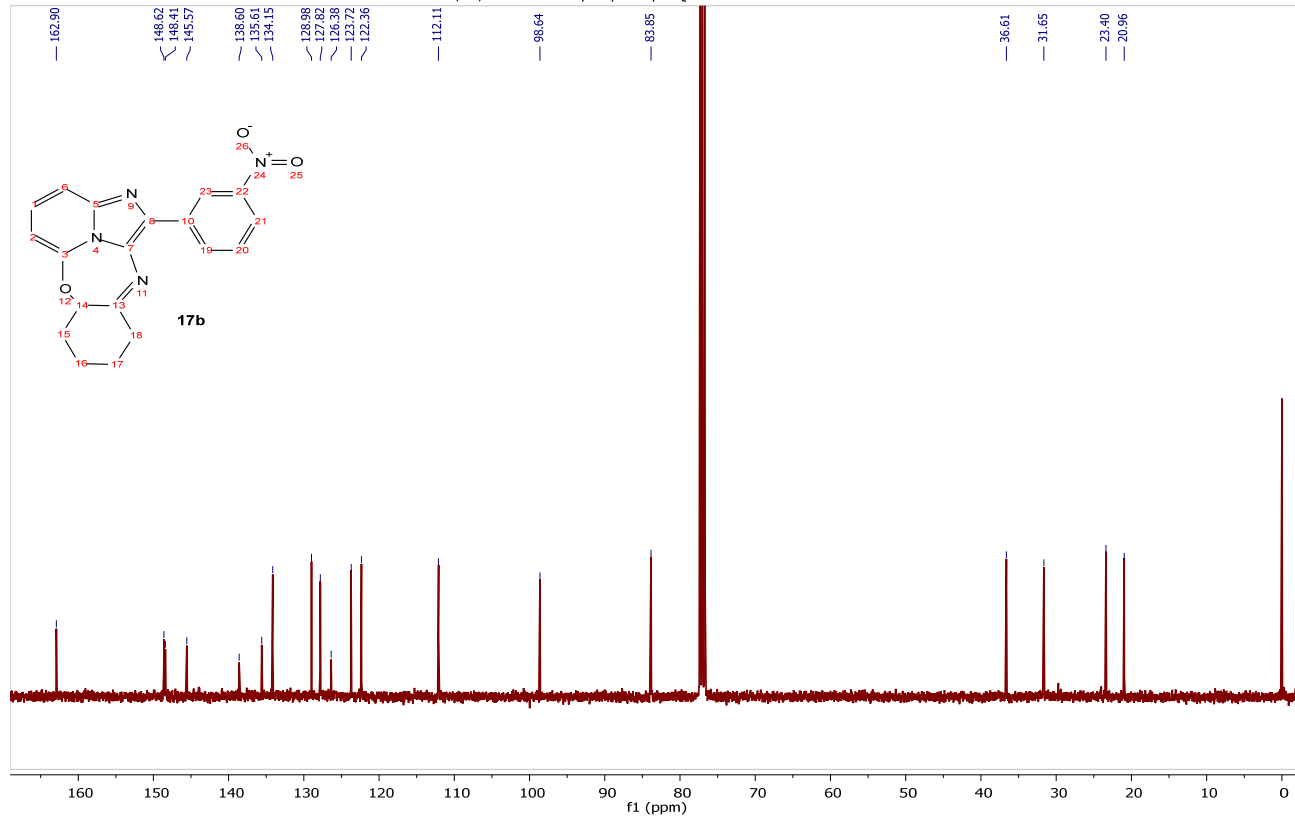


NMR spectra for 17b

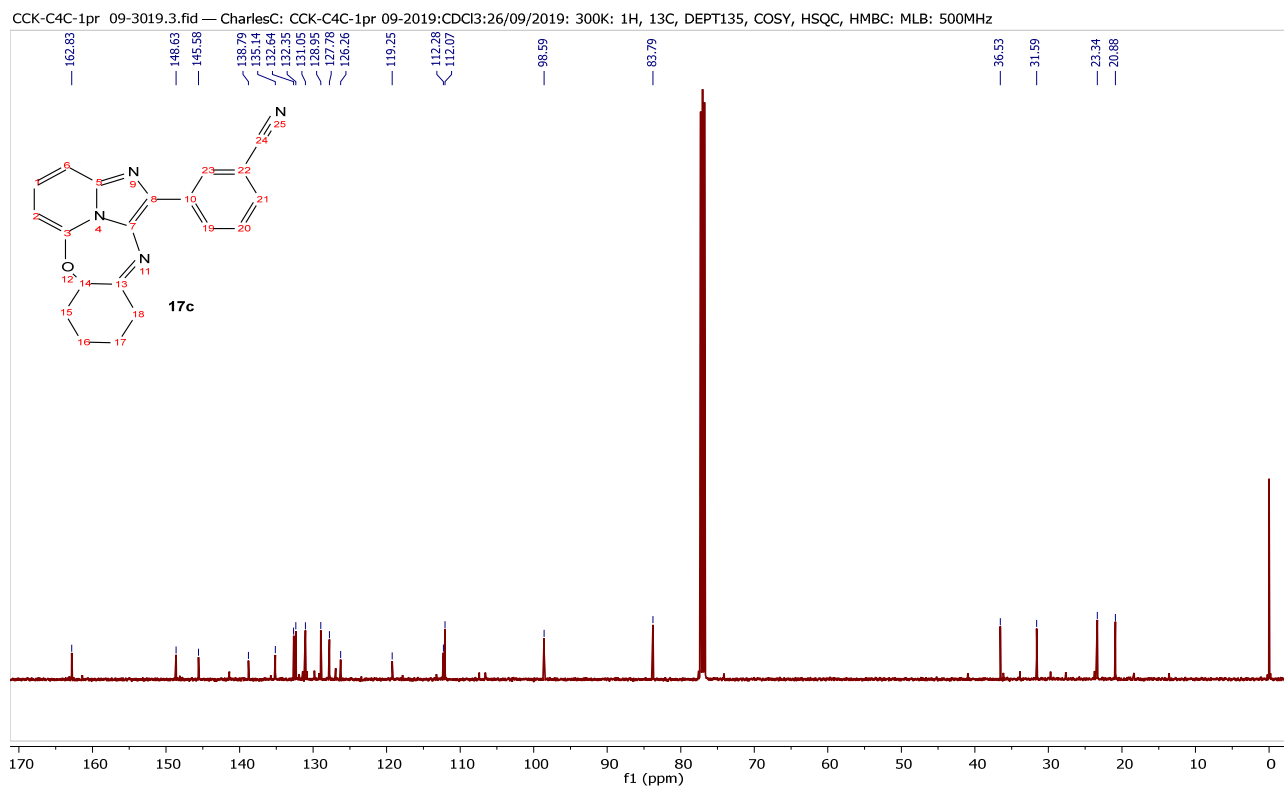
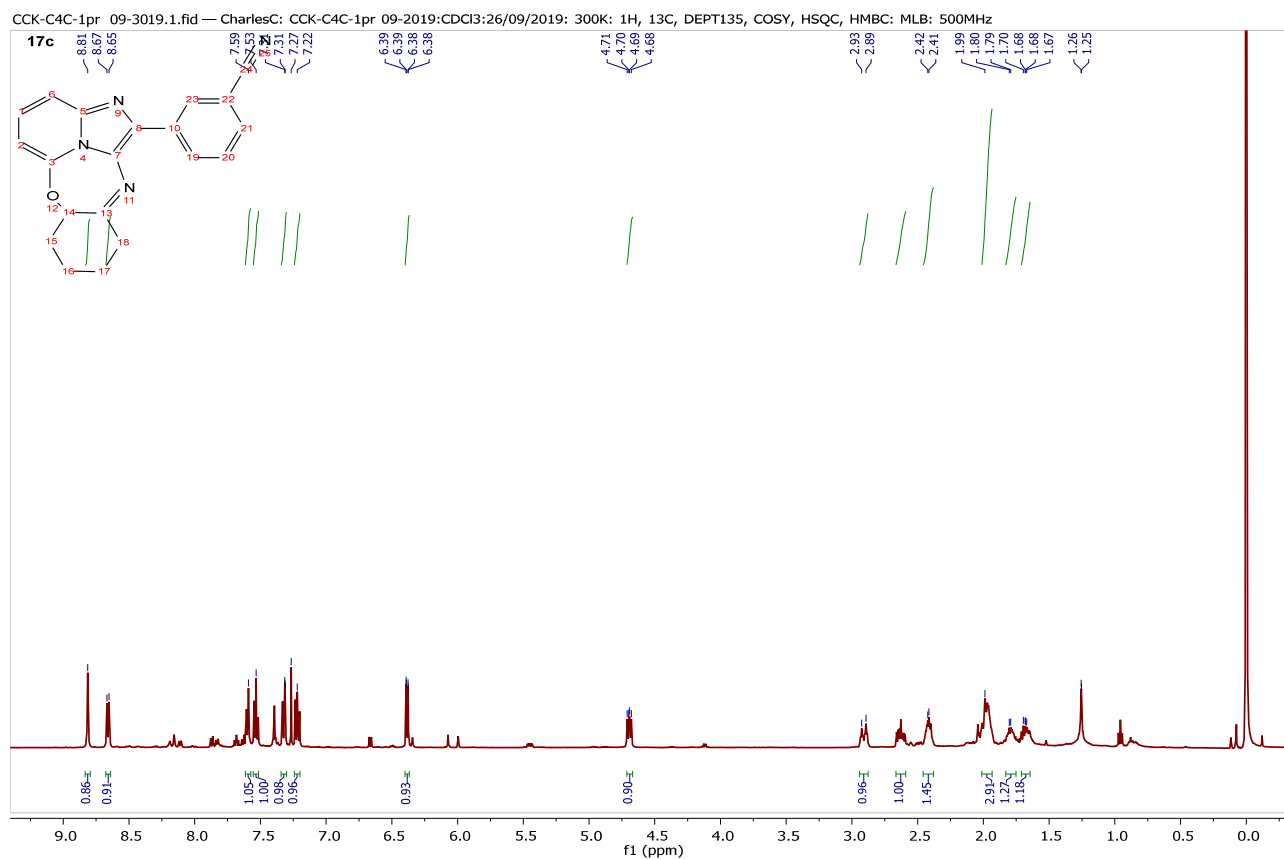
CCK-C2C-1 9-2019.10.fid — CharlesC:CCK-C2C-1 9-2019:CDCl3:1/10/2019:300K:1H,13C,DEPT,HSQC:MLB:400MHz



CCK-C2C-1 9-2019.11.fid — CharlesC:CCK-C2C-1 9-2019:CDCl3:1/10/2019:300K:1H,13C,DEPT,HSQC:MLB:400MHz

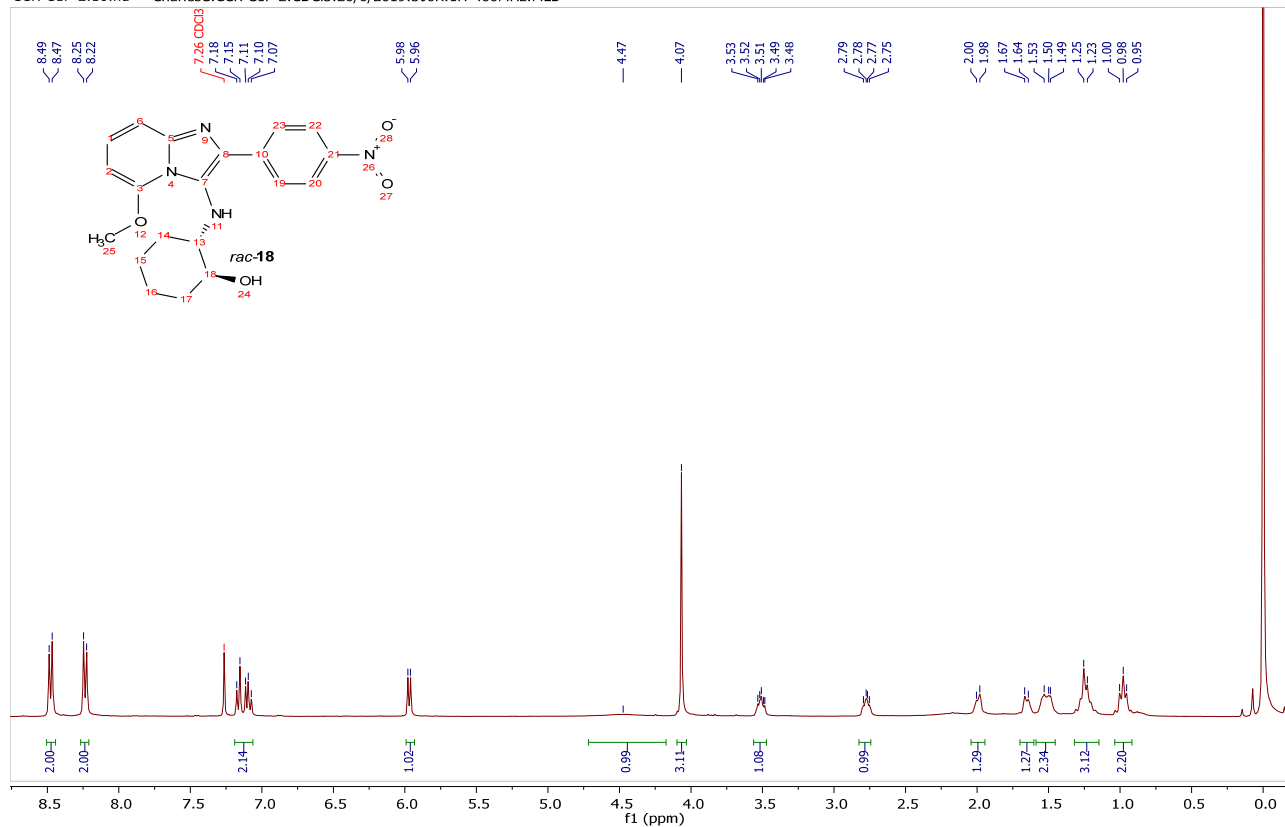


NMR spectra for 17c

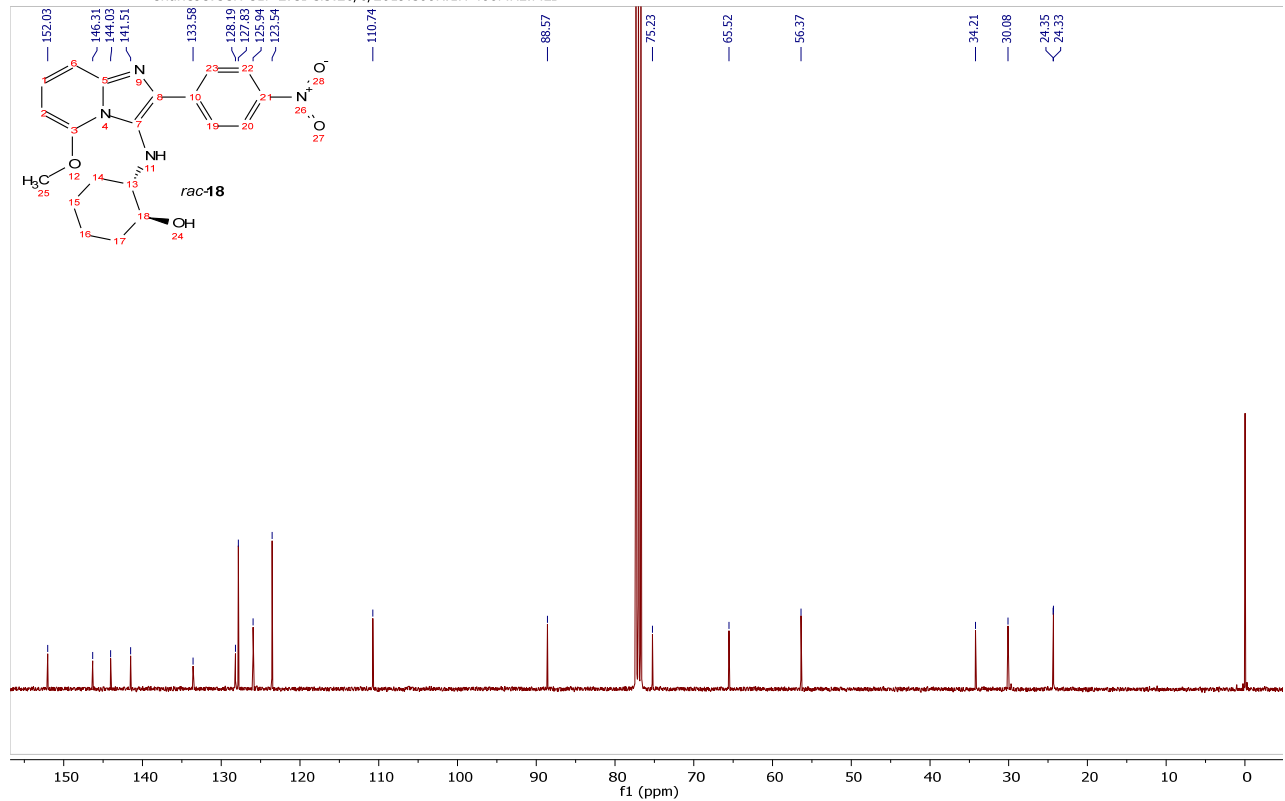


NMR spectra for *rac*-18

CCK-C1F-2.10.fid — CharlesC:CCK-C1F-2:CDCl3:26/6/2019:300K:1H 400MHz:MLB

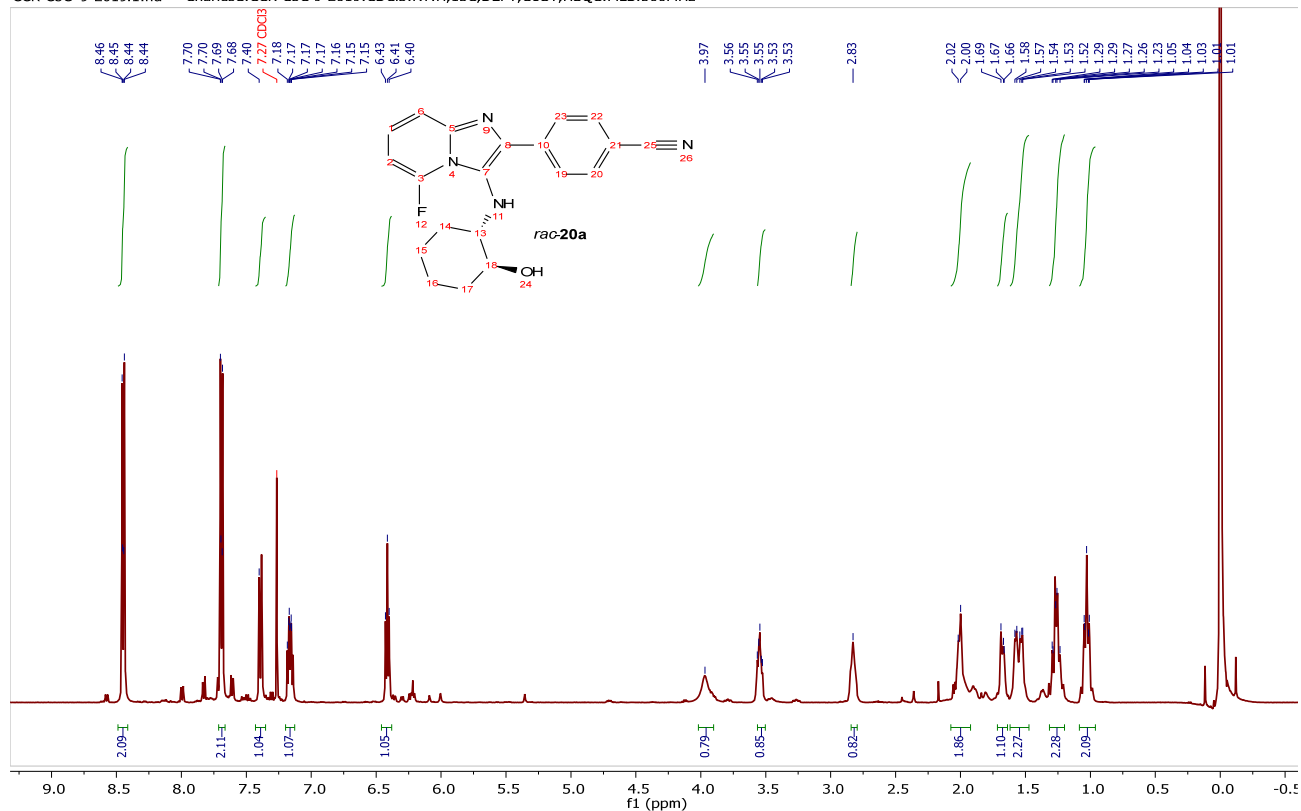


CCK-C1F-2.11.fid — CharlesC:CCK-C1F-2:CDCl3:26/6/2019:300K:1H 400MHz:MLB

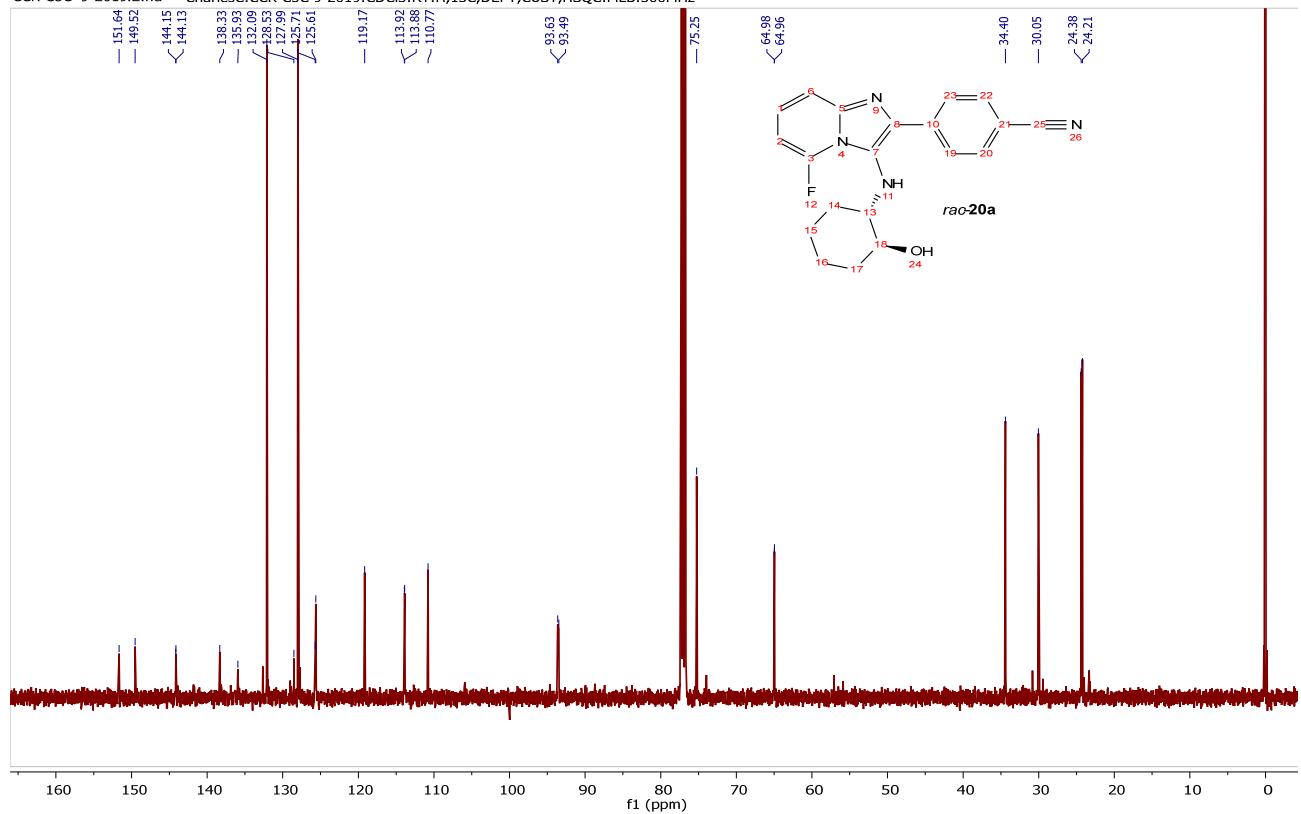


NMR spectra for *rac-20a*

CCK-C5C 9-2019.1.fid — CharlesC:CCK-C5C 9-2019:CDCl3:RT:H,13C,DEPT,COSY,HSQC:MLB:500MHz

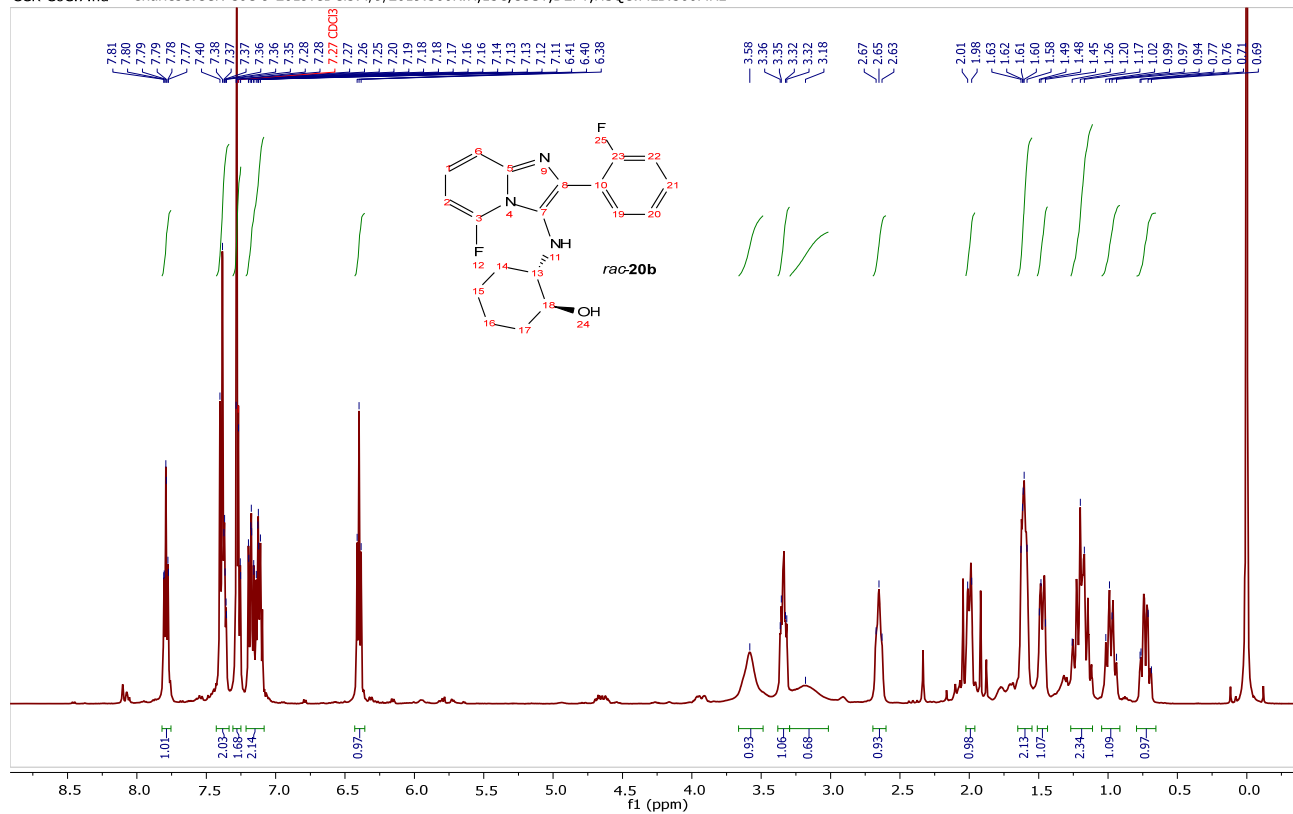


CCK-C5C 9-2019.2.fid — CharlesC:CCK-C5C 9-2019:CDCl3:RT:H,13C,DEPT,COSY,HSQC:MLB:500MHz

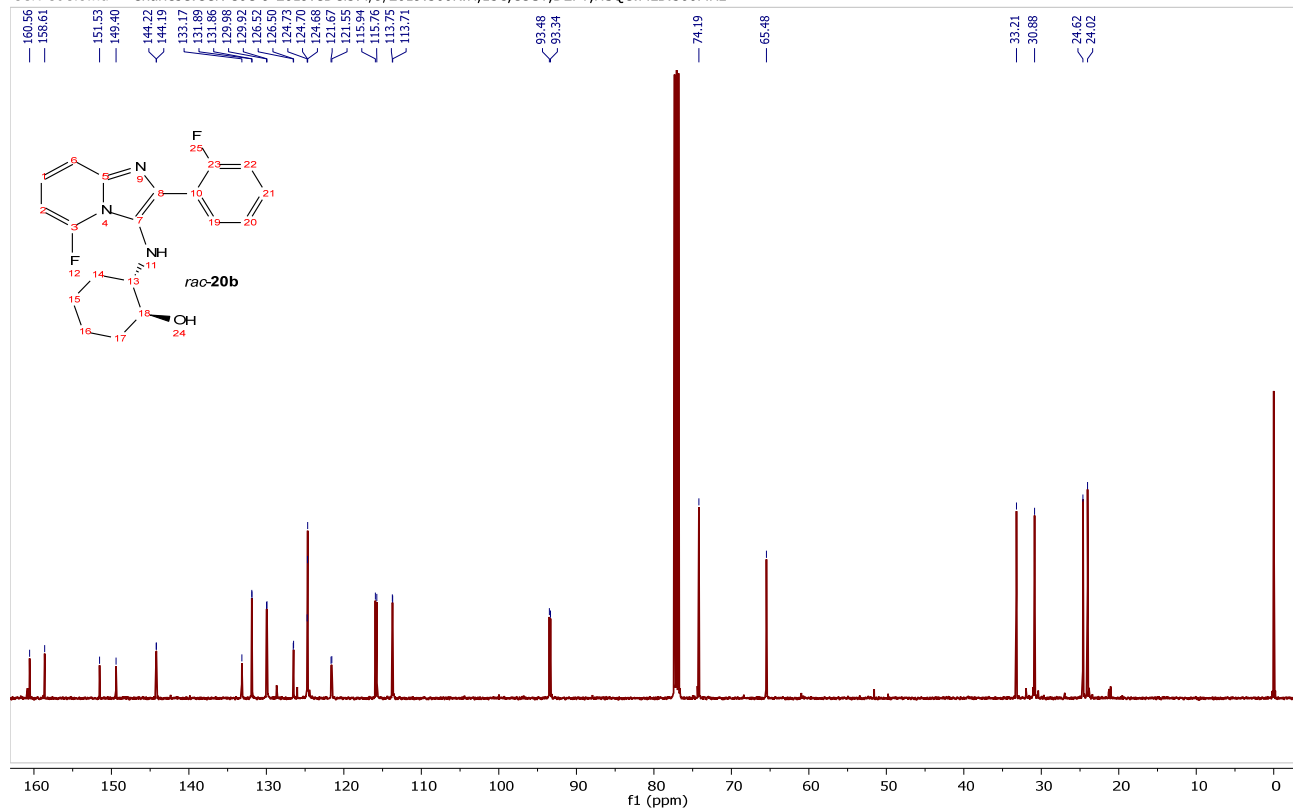


NMR spectra for *rac*-20b

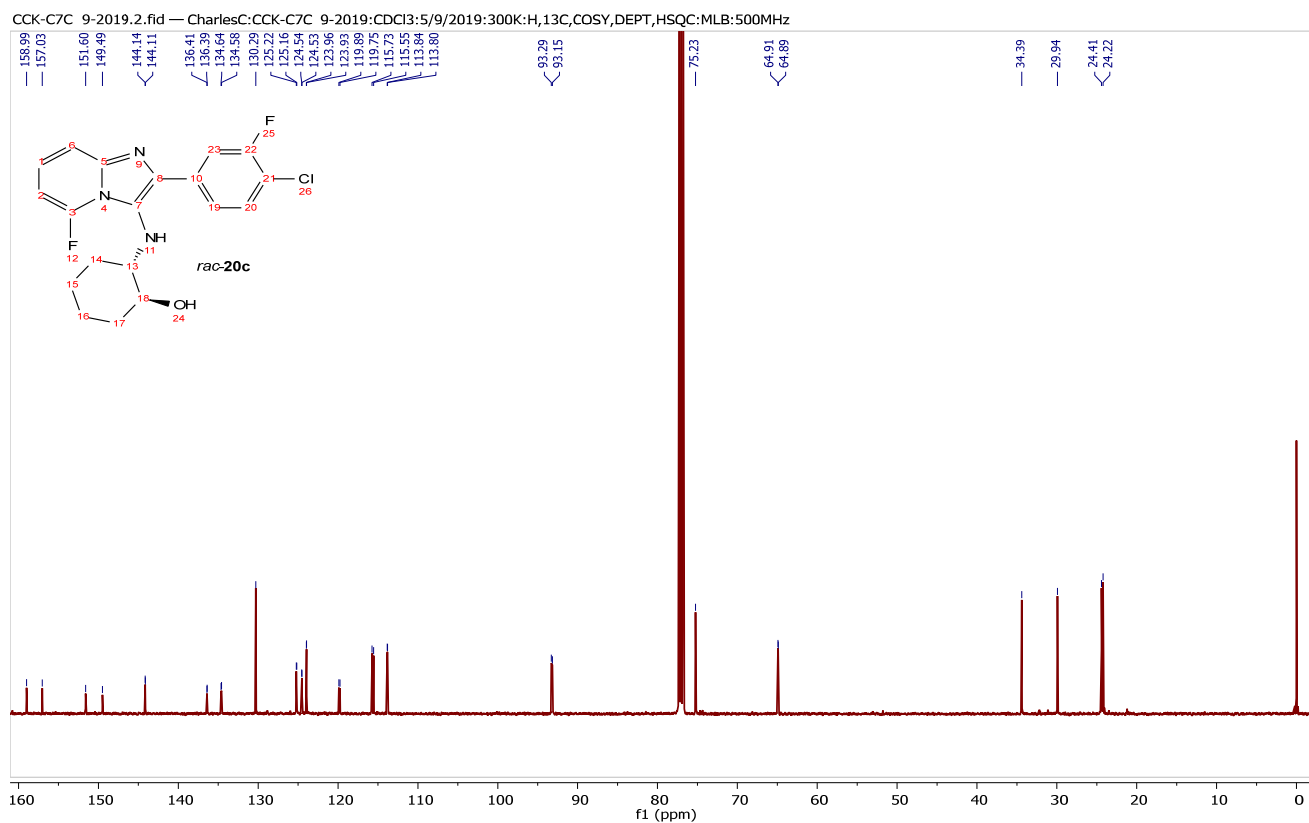
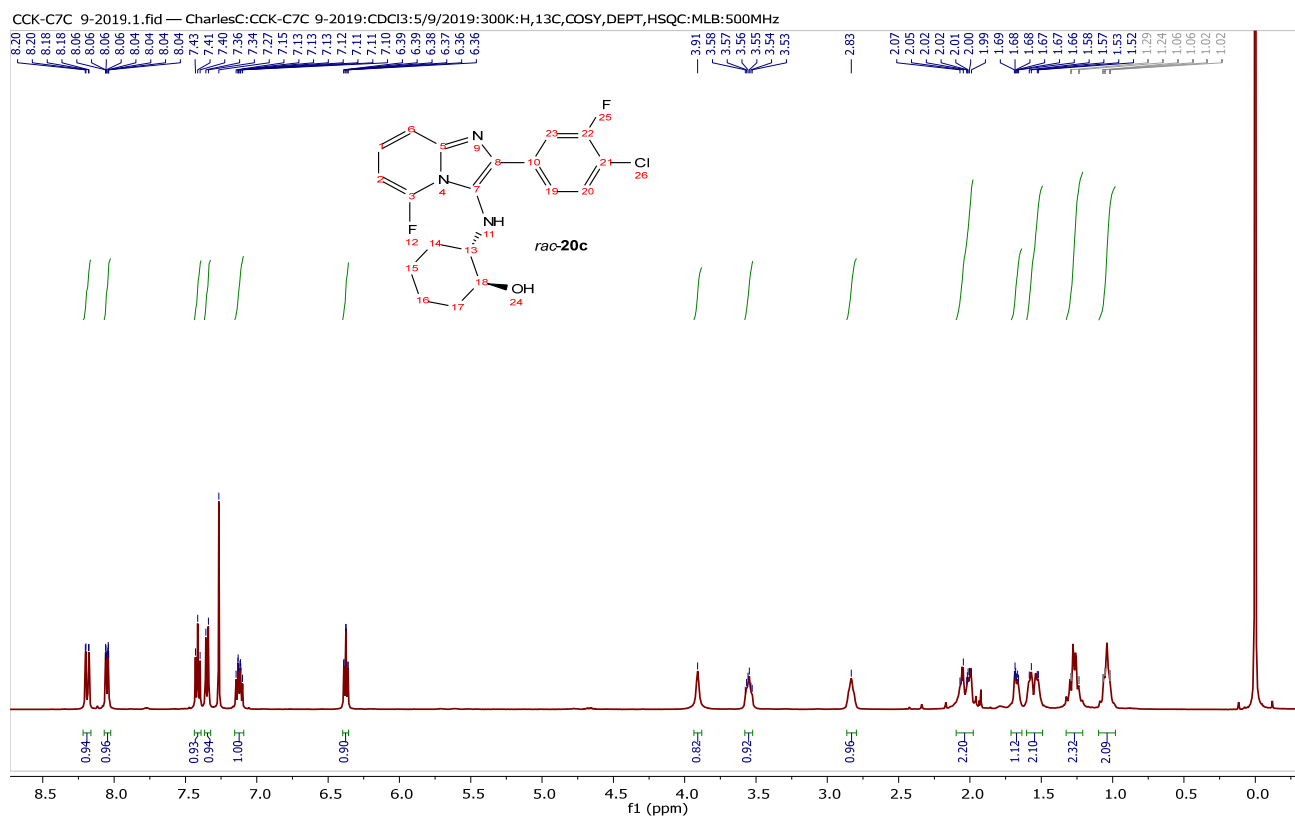
CCK-C6C.7.fid — CharlesC:CCK-C6C 9-2019:CDCl3:4/9/2019:300K:H,13C,COSY,DEPT,HSQC:MLB:500MHz



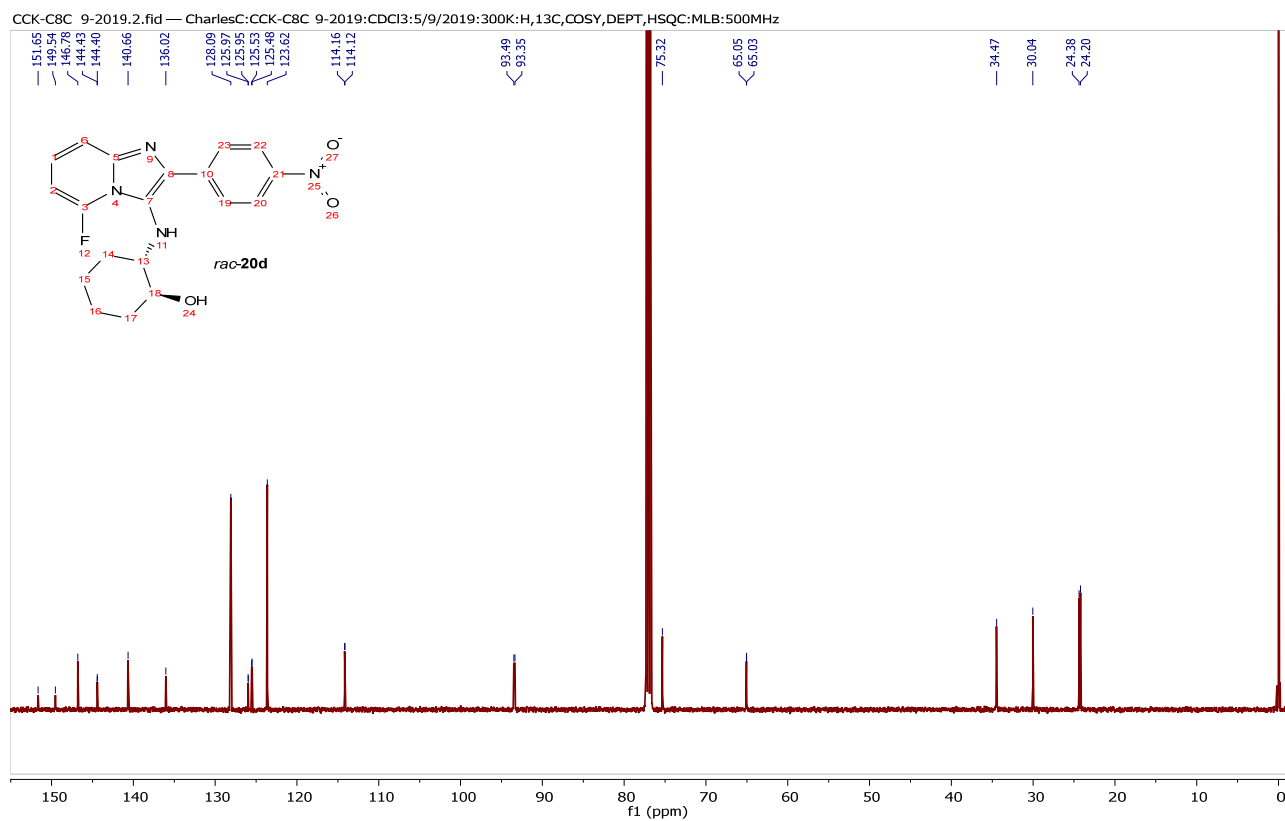
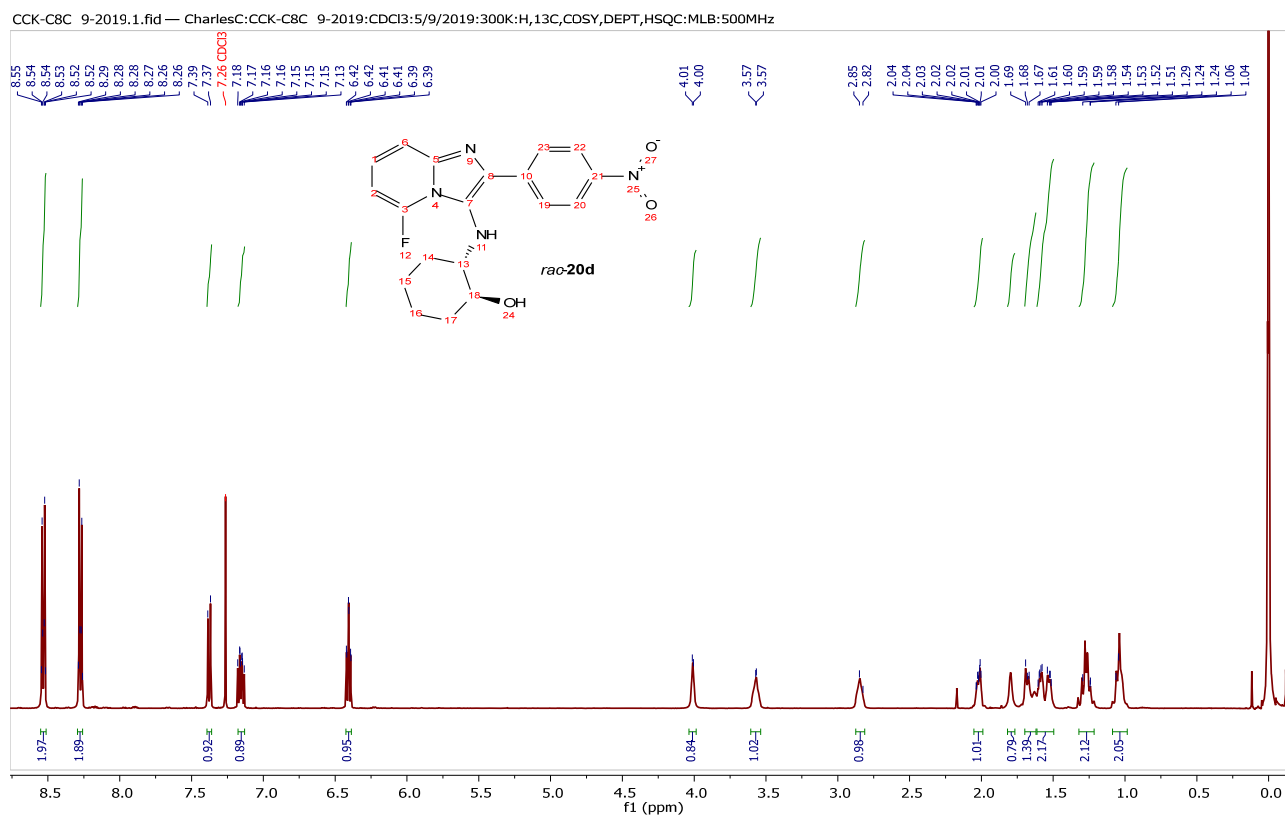
CCK-C6C.8.fid — CharlesC:CCK-C6C 9-2019:CDCl3:4/9/2019:300K:H,13C,COSY,DEPT,HSQC:MLB:500MHz



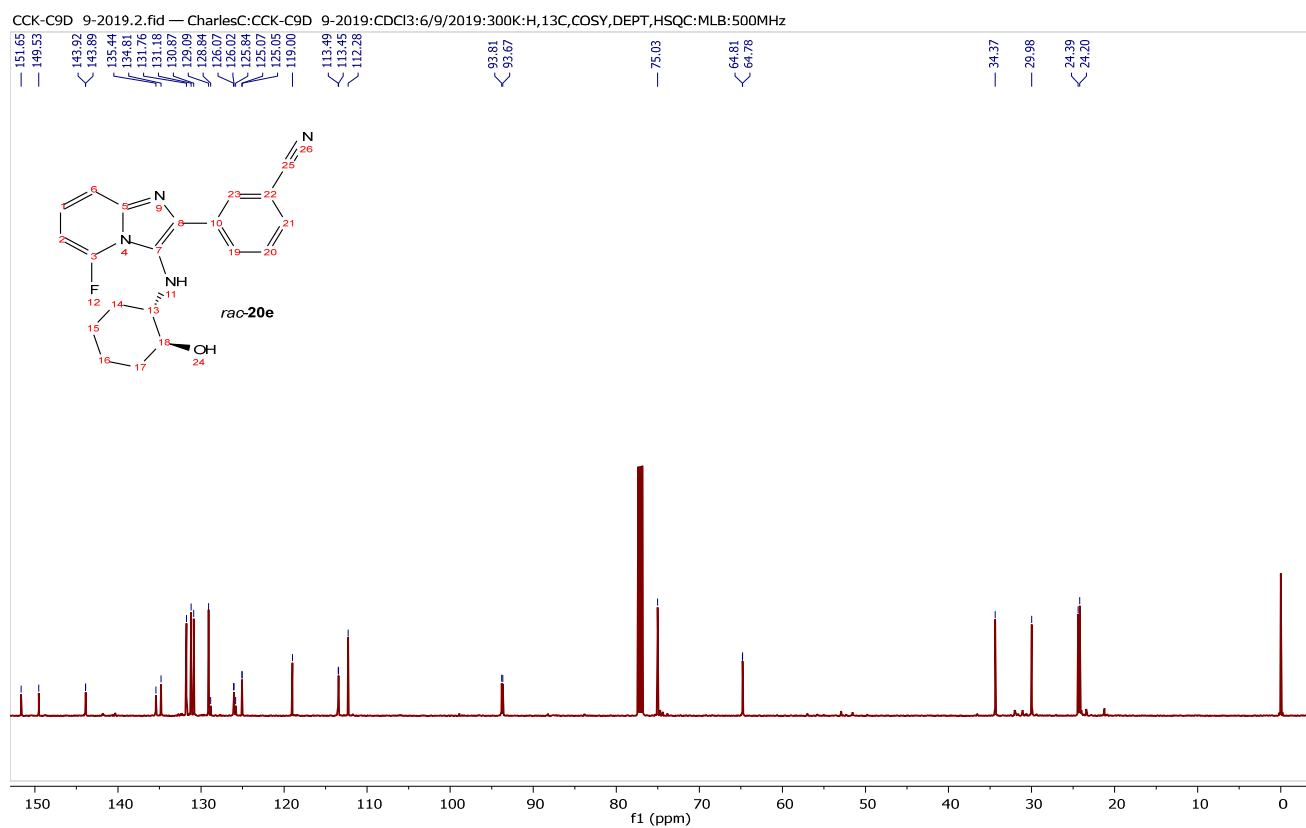
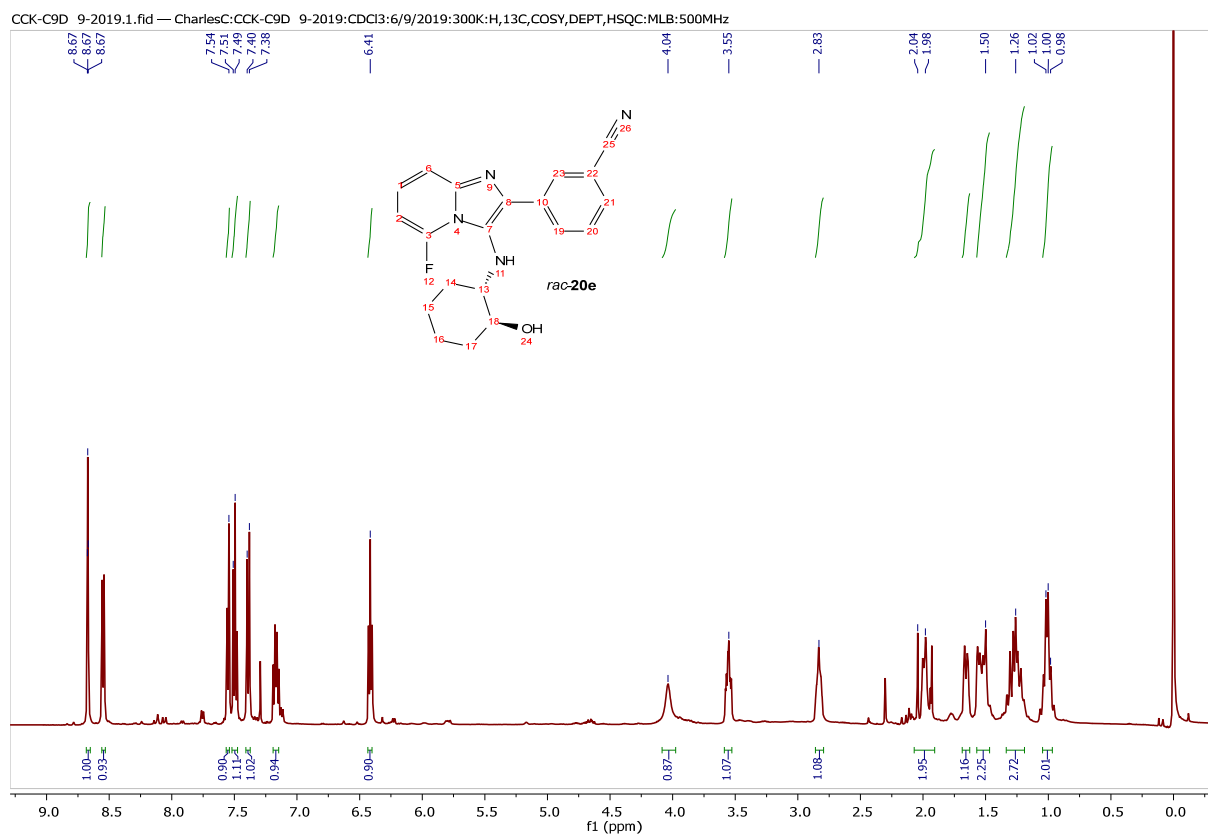
NMR spectra for *rac*-20c



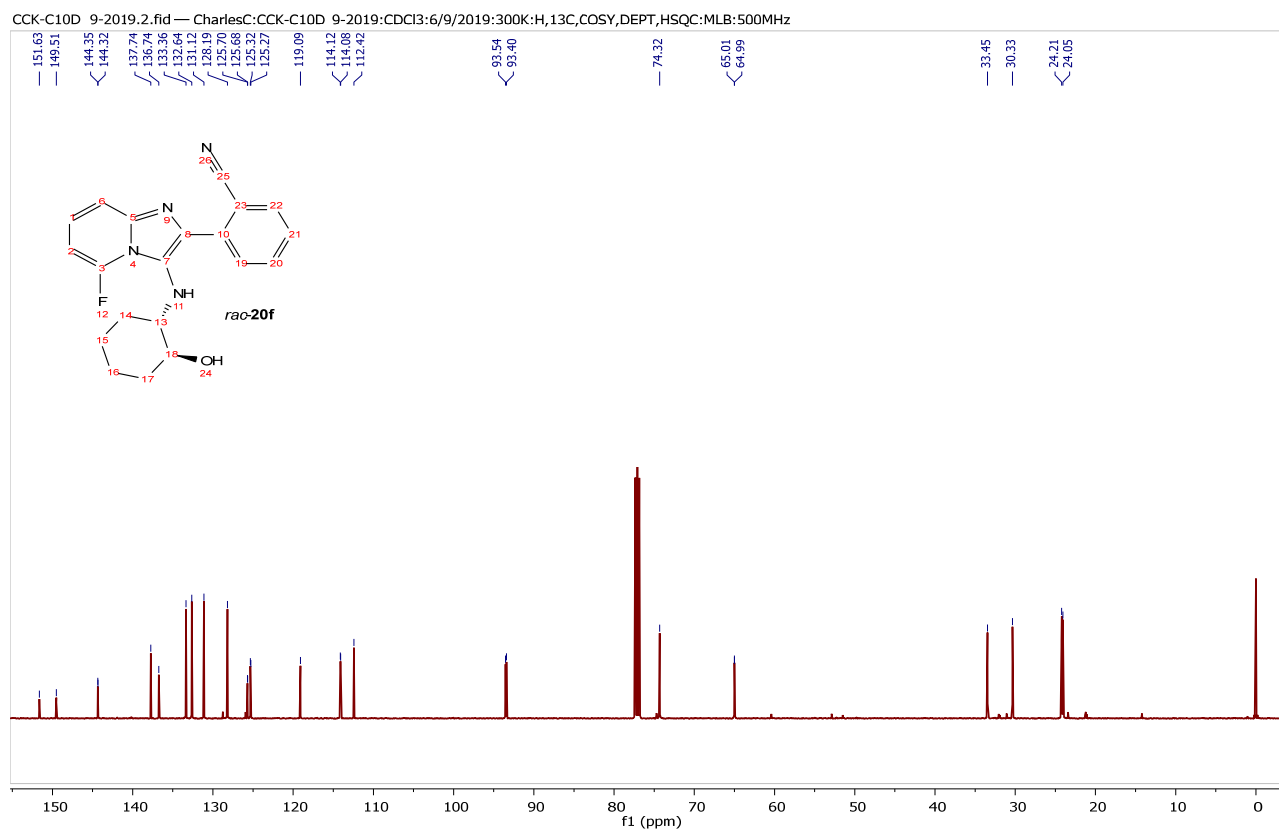
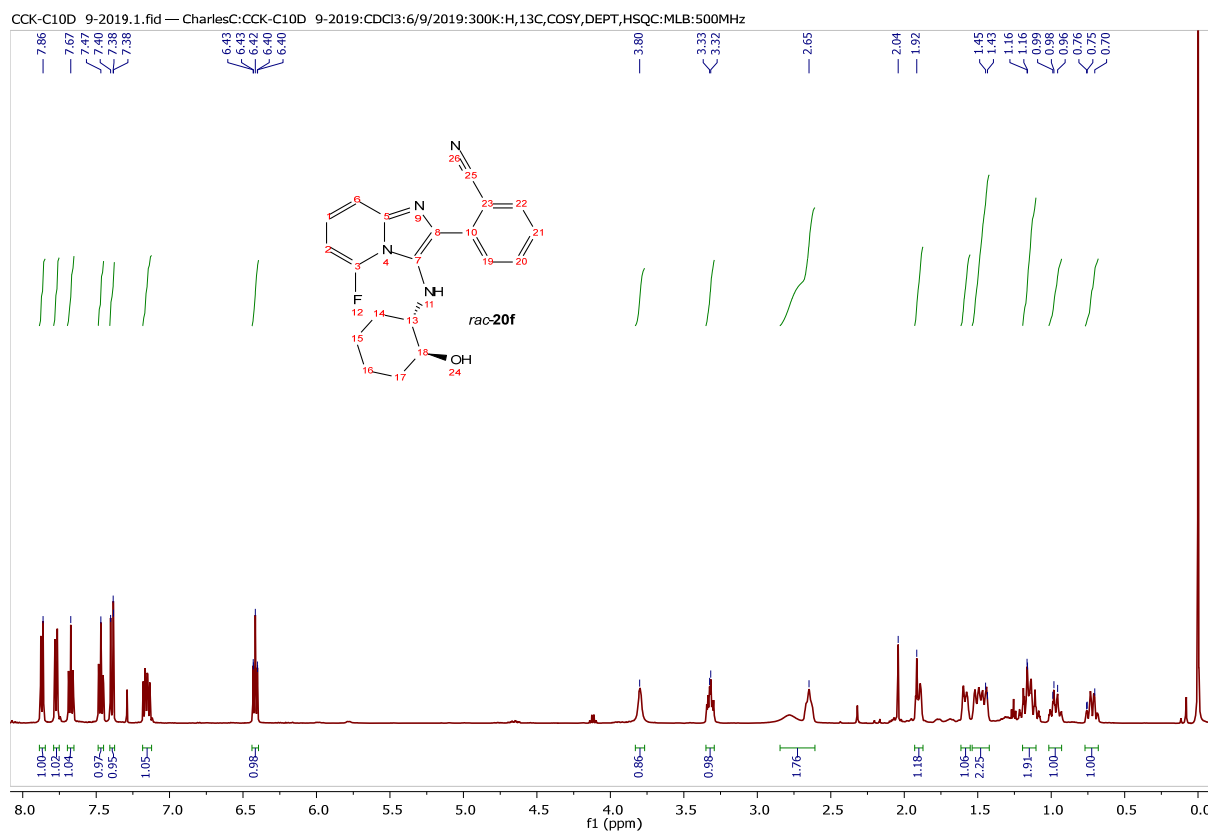
NMR spectra for *rac*-20d



NMR spectra for *rac*-20e



NMR spectra for *rac*-20f



NMR spectra for *rac*-20g

