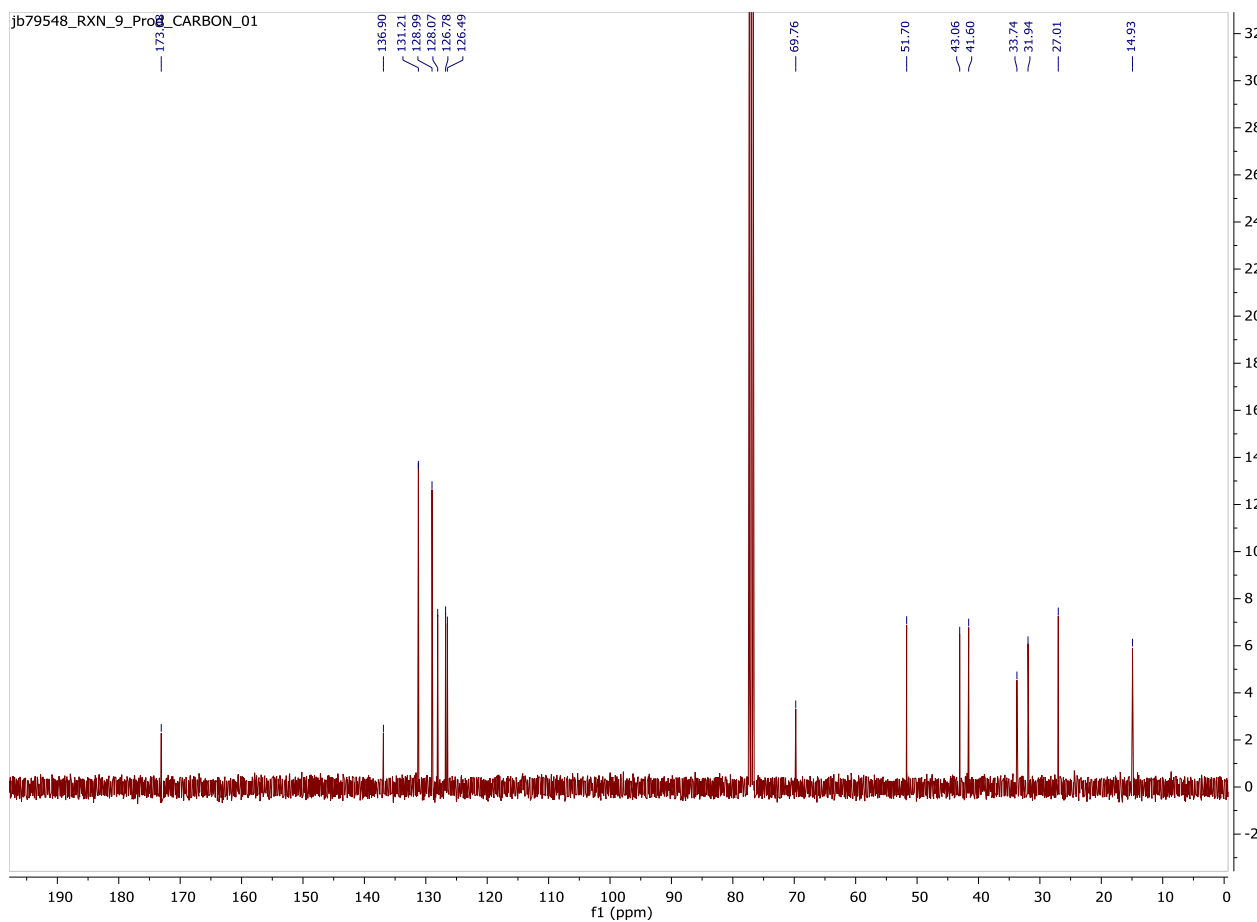
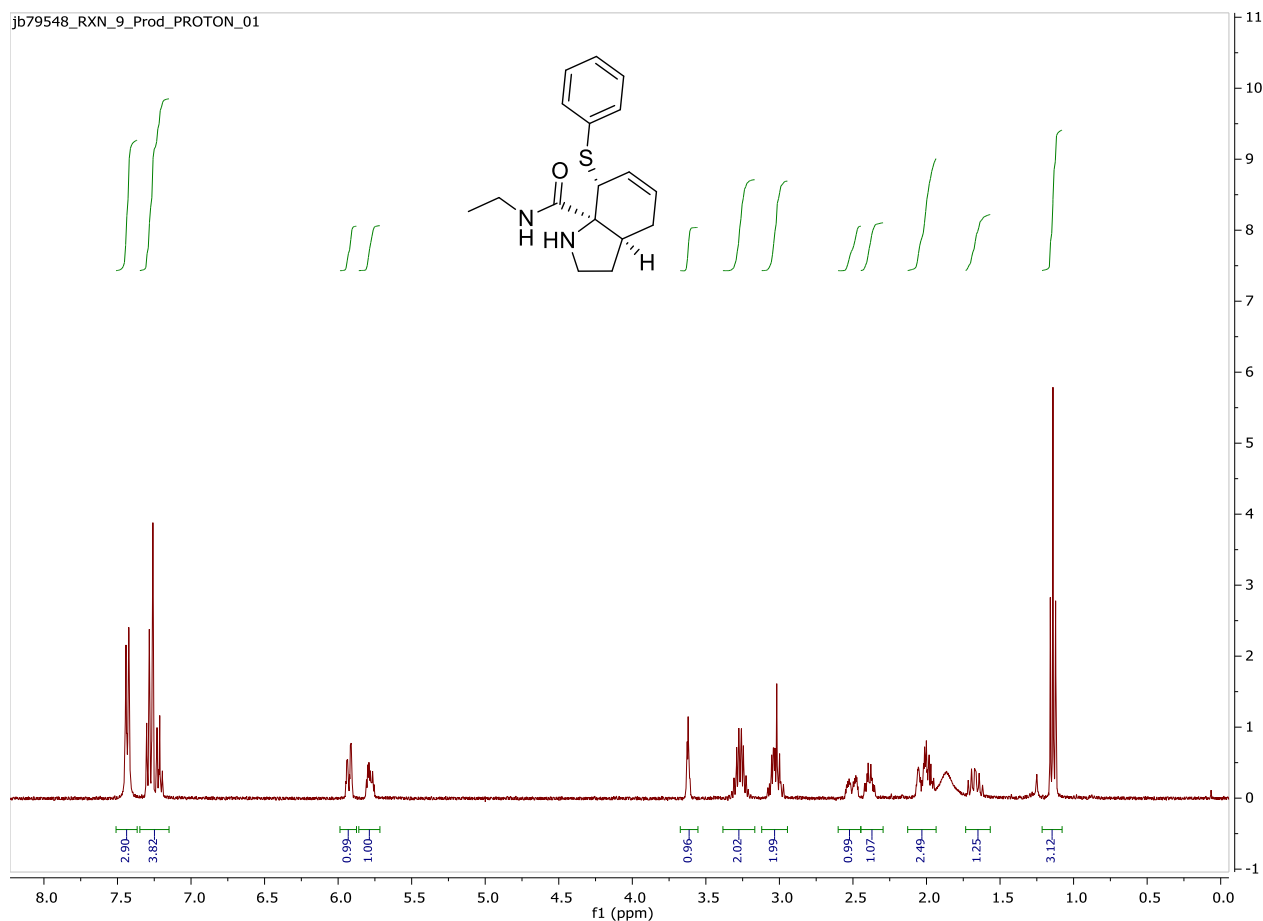
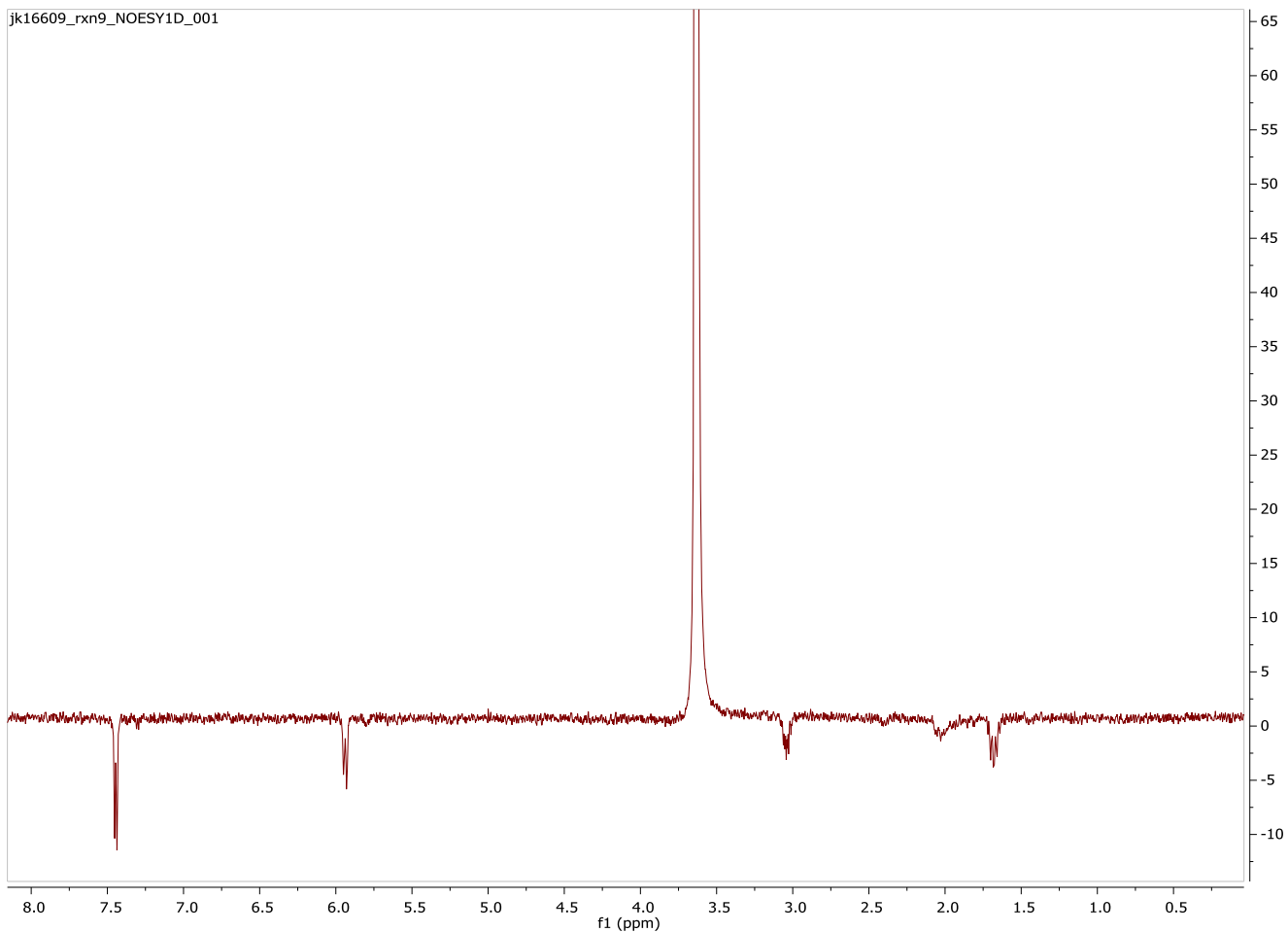


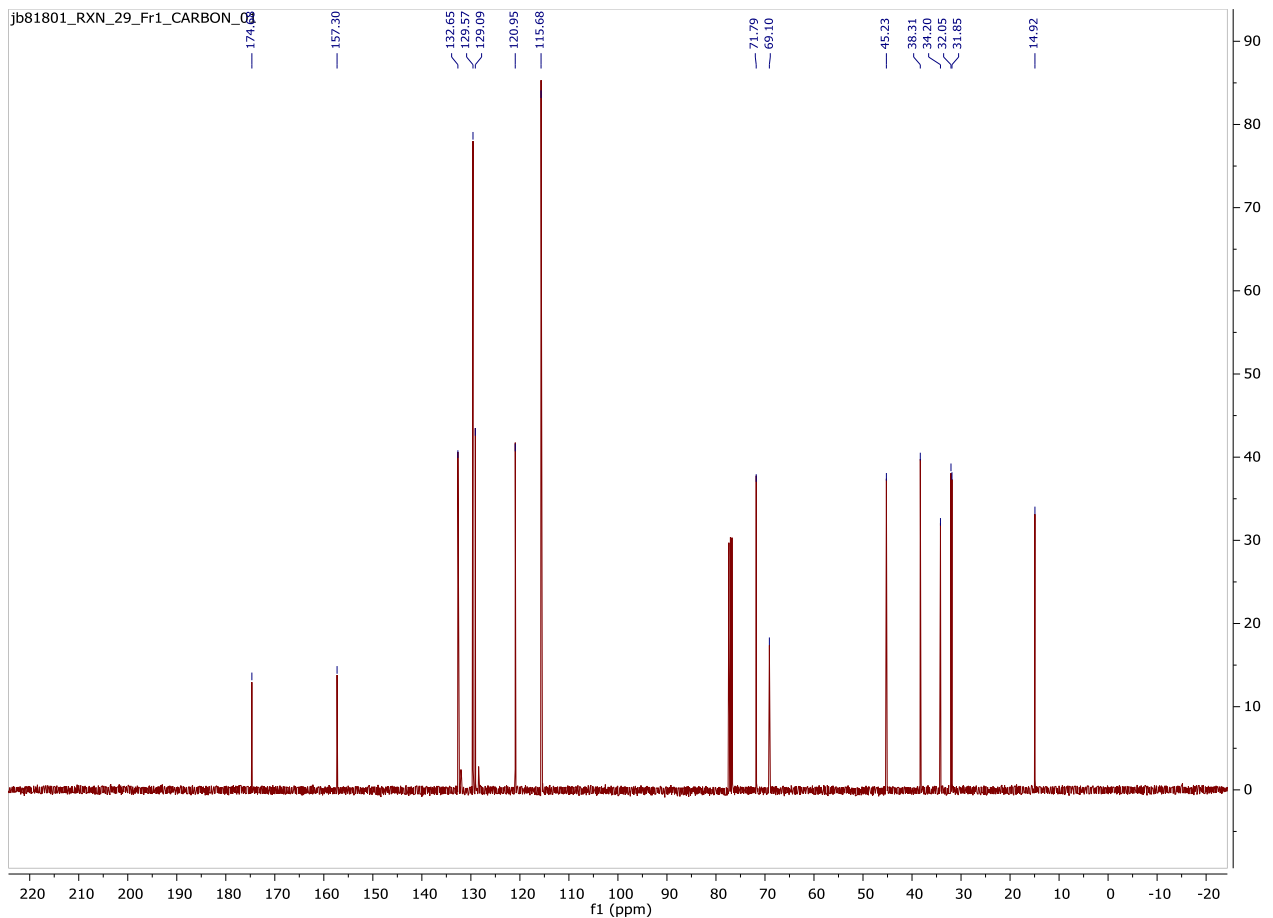
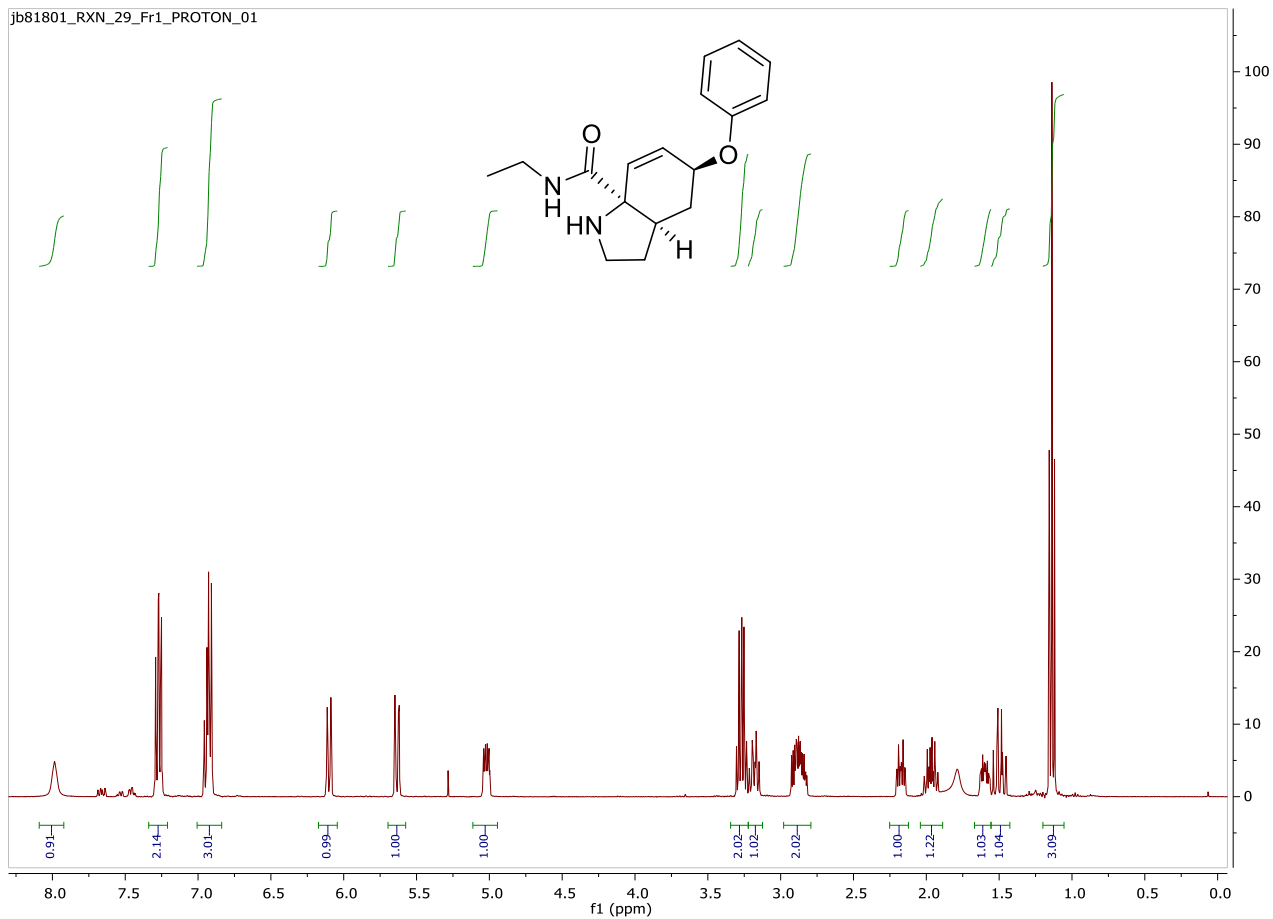
(±)-(3*a*S,7*R*,7*a*S)-N-ethyl-7-(phenylthio)-1,2,3,3*a*,4,7-hexahydro-7*a*H-indole-7*a*-carboxamide



jk16609_rxn9_NOESY1D_001

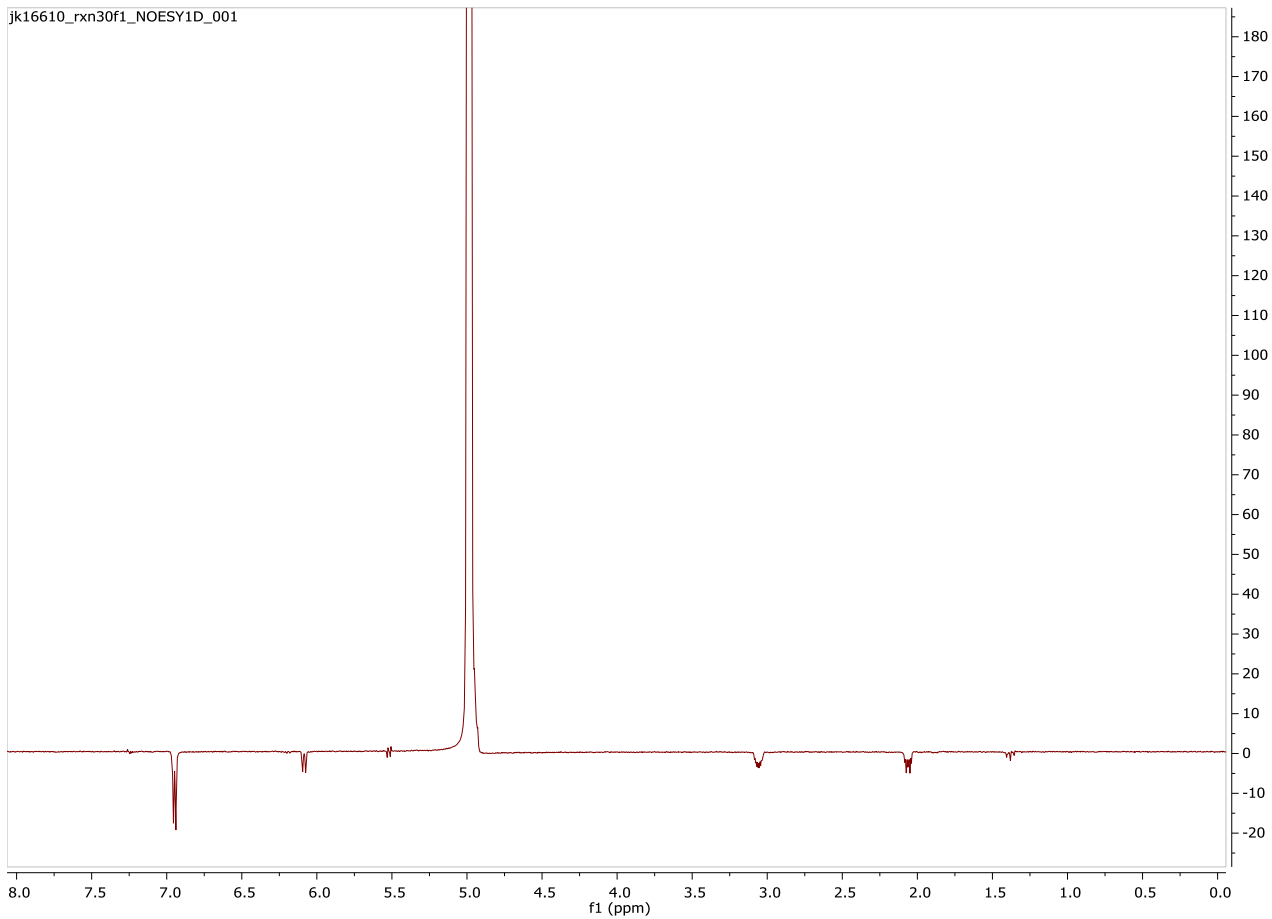


(±)-(3*R*,5*S*,7*R*)-*N*-ethyl-5-phenoxy-1,2,3,3*a*,4,5-hexahydro-7*a*H-indole-7*a*-carboxamide

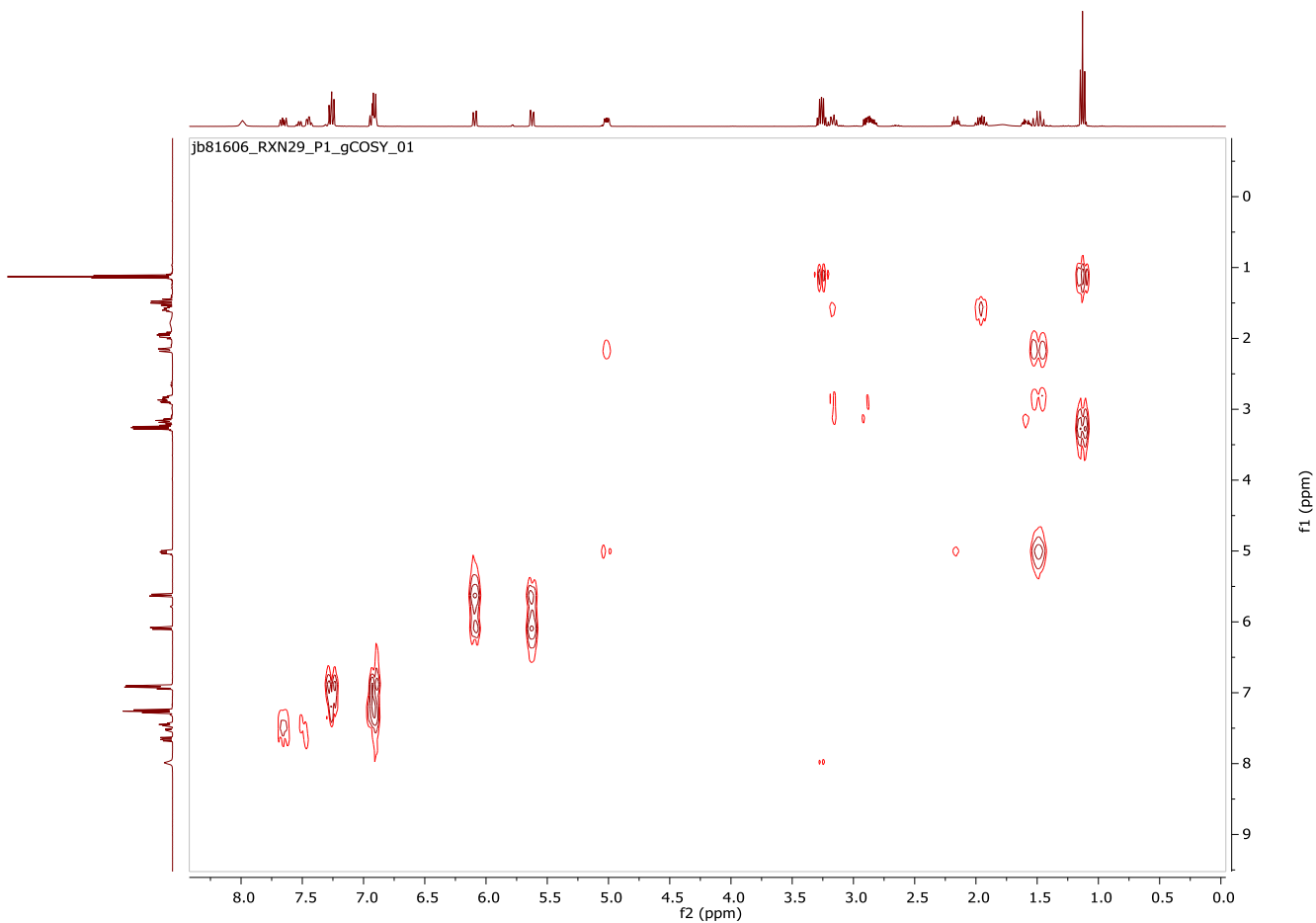


(±)-(3*a*R,5*S*,7*a*R)-*N*-ethyl-5-phenoxy-1,2,3,3*a*,4,5-hexahydro-7*a*H-indole-7*a*-carboxamide

jk16610_rxn30f1_NOESY1D_001

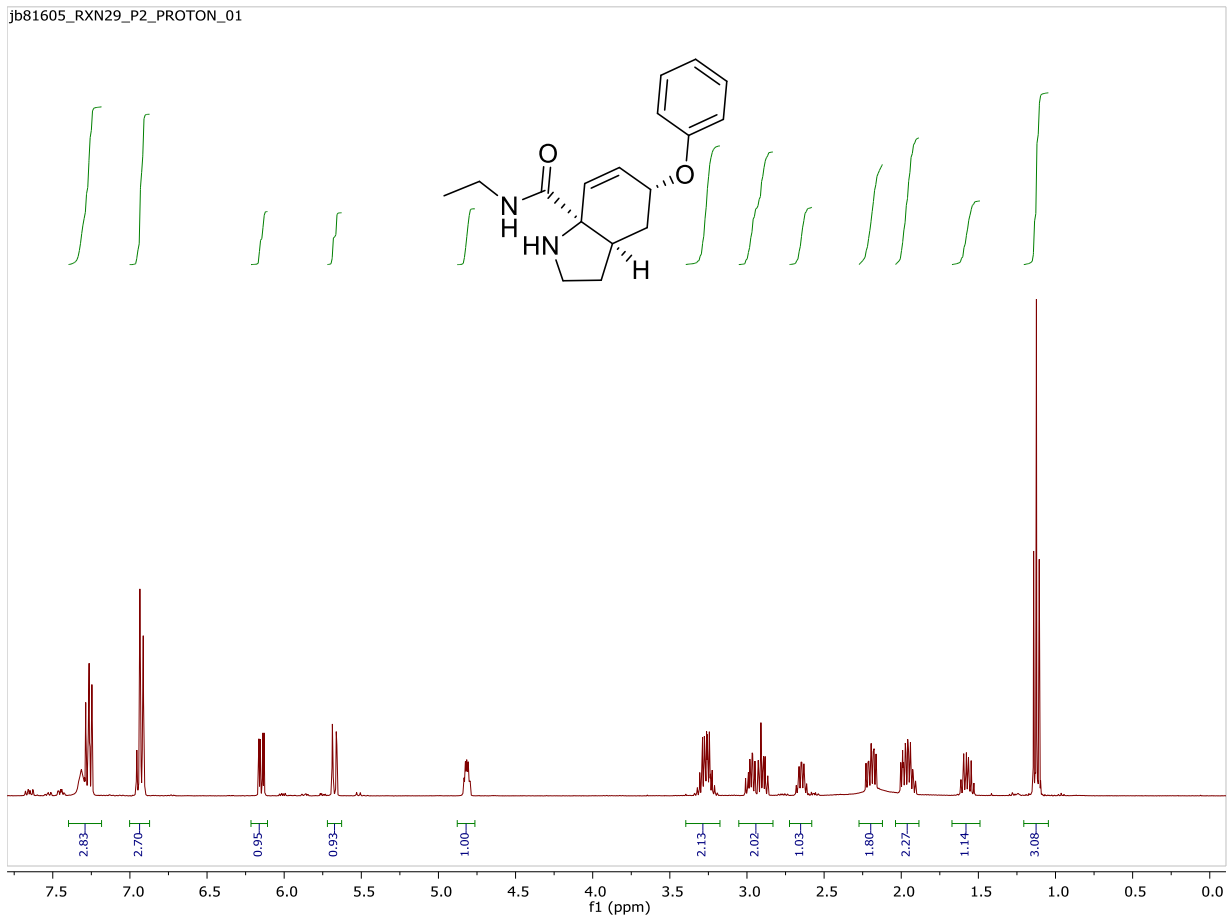


jb81606_RXN29_P1_gCOSY_01

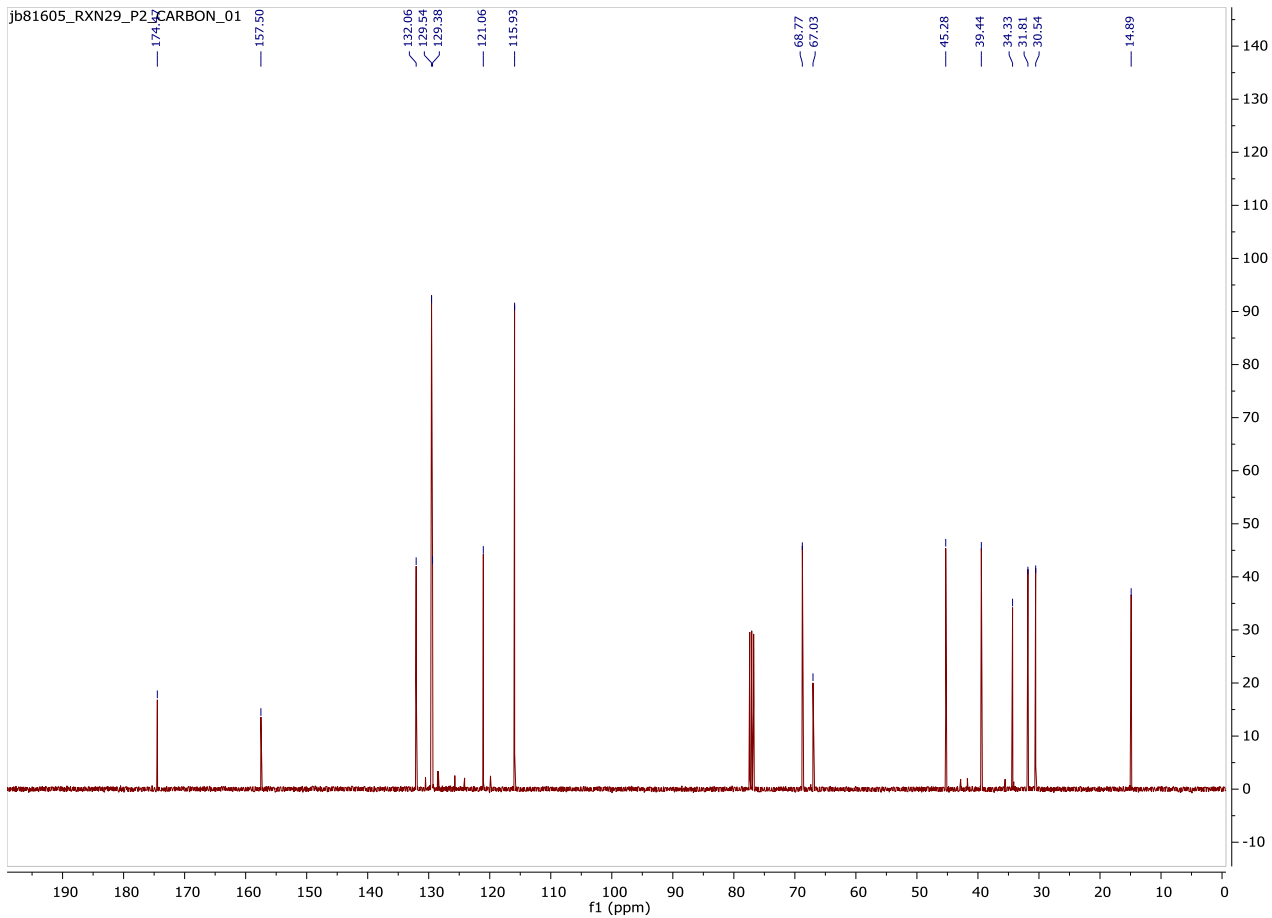


(±) -(3aR,5R,7aR)-N-ethyl-5-phenoxy-1,2,3,3a,4,5-hexahydro-7aH-indole-7a-carboxamide

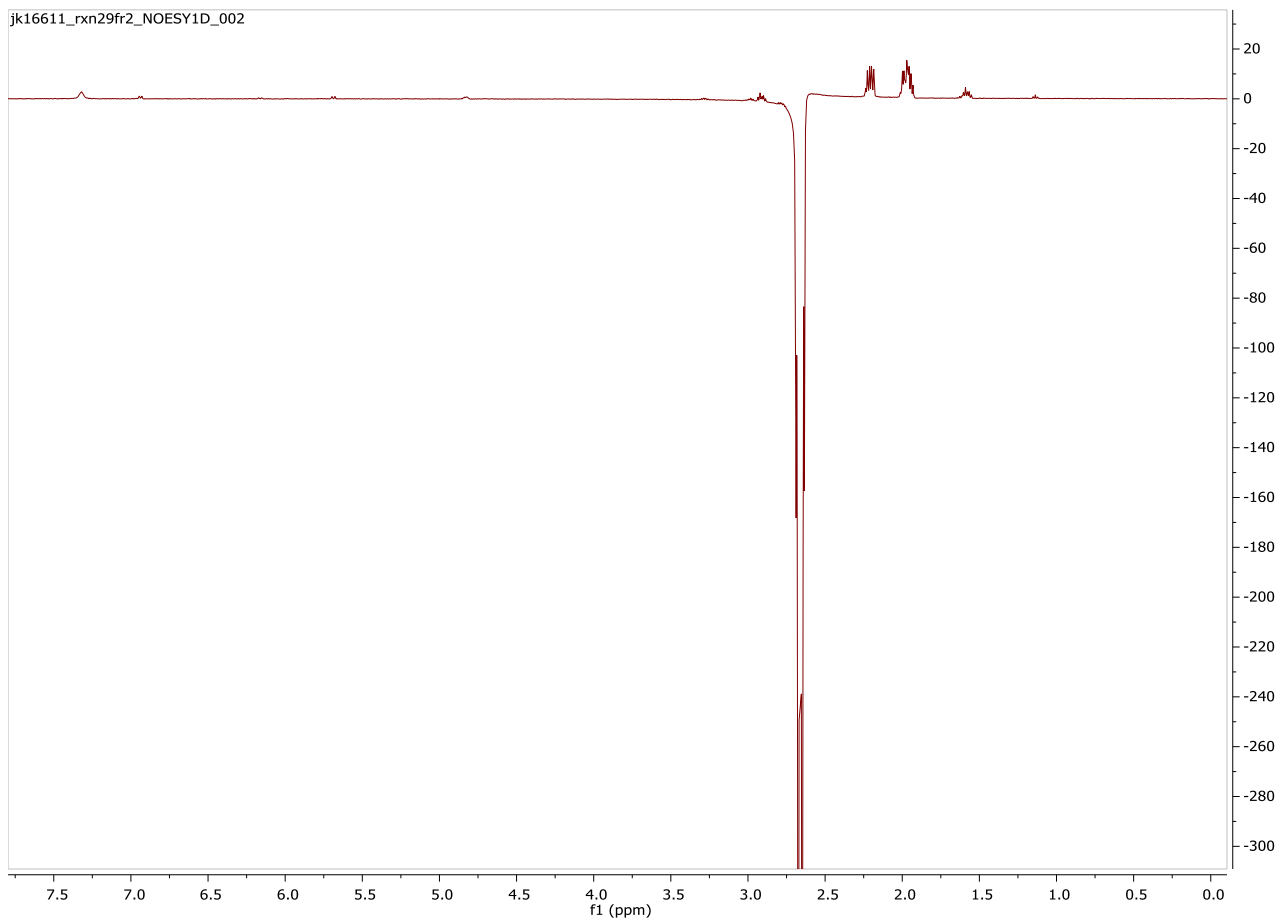
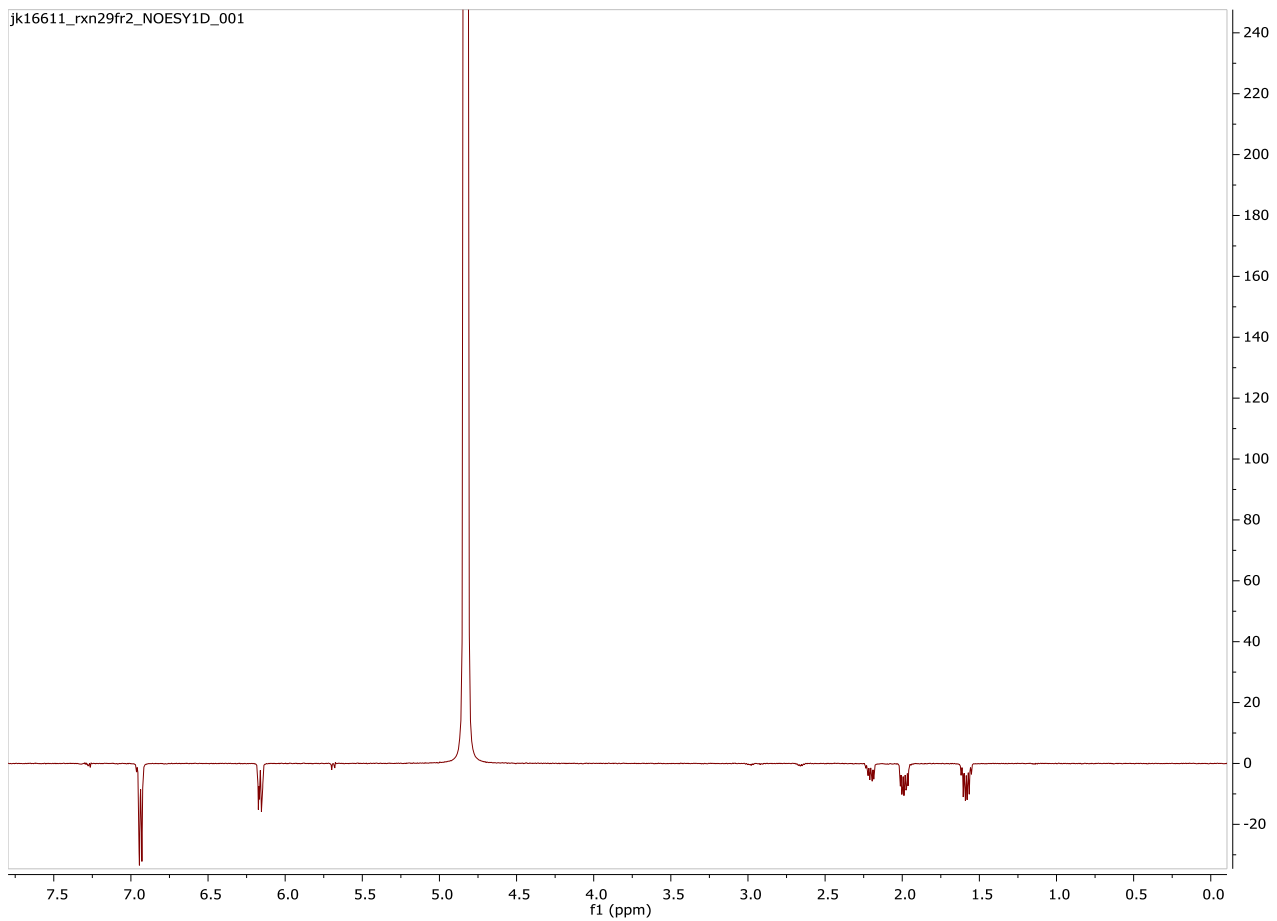
jb81605_RXN29_P2_PROTON_01



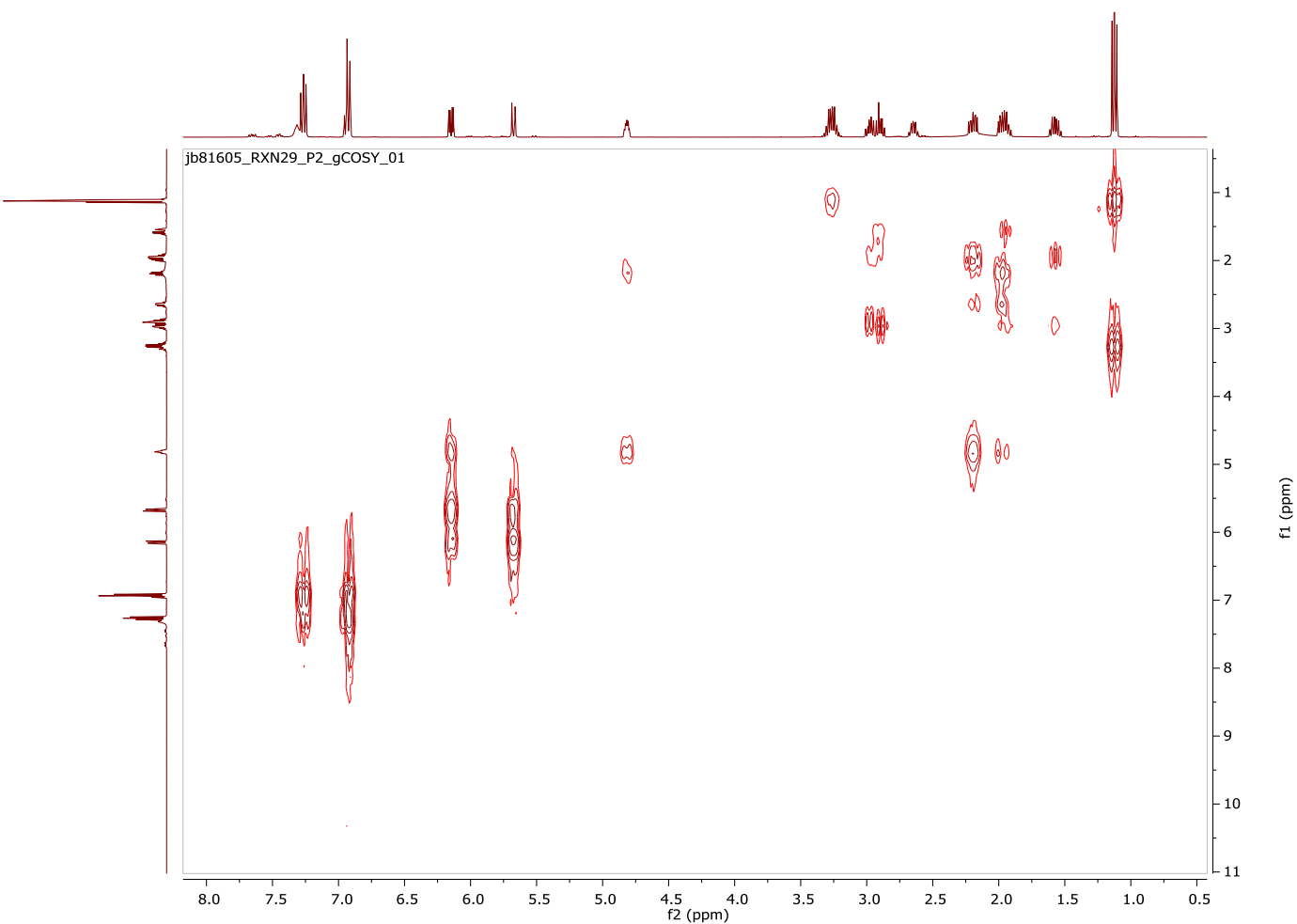
jb81605_RXN29_P2_CARBON_01



(±) -(3aR,5R,7aR)-N-ethyl-5-phenoxy-1,2,3,3a,4,5-hexahydro-7aH-indole-7a-carboxamide

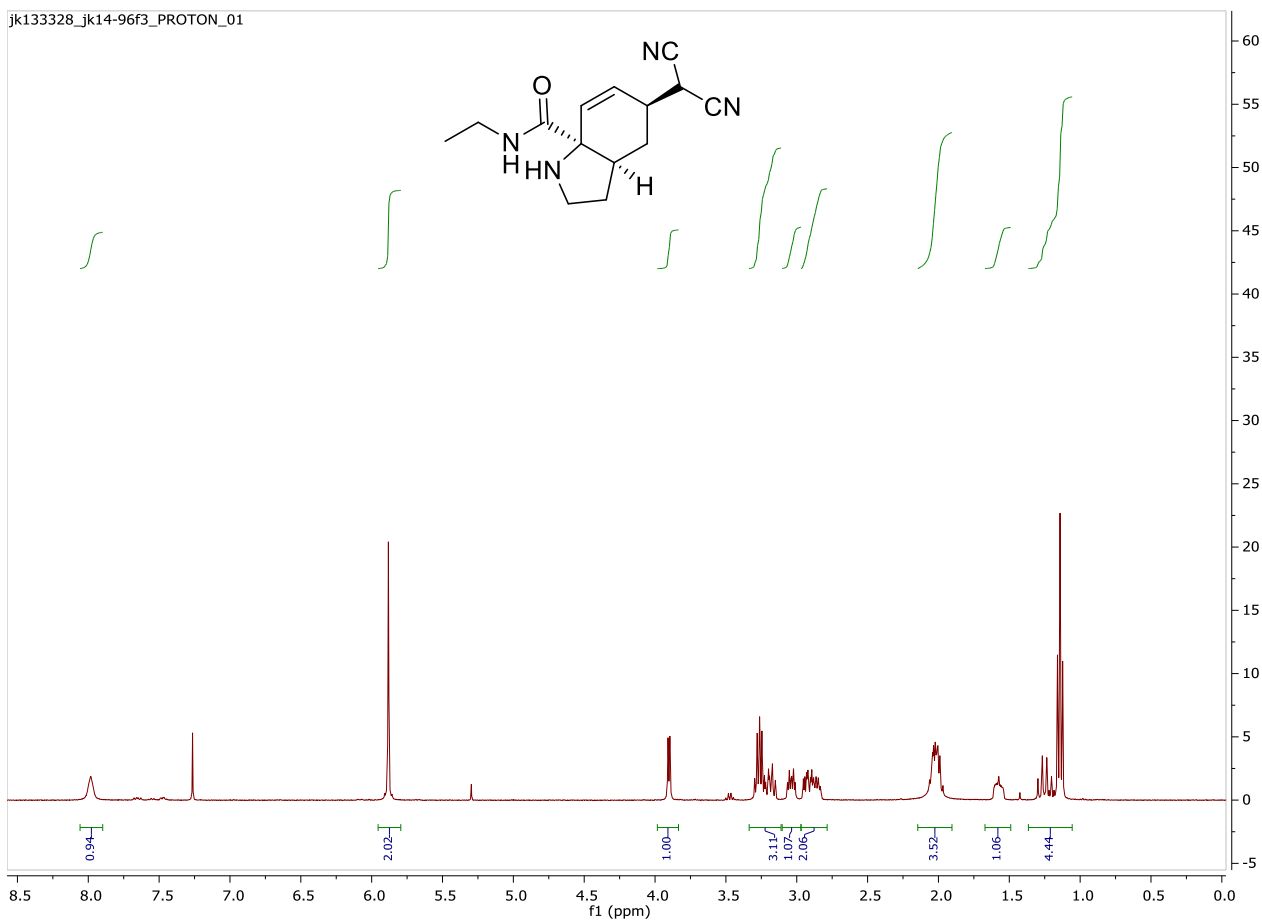


(±) -(3aR,5R,7aR)-N-ethyl-5-phenoxy-1,2,3,3a,4,5-hexahydro-7aH-indole-7a-carboxamide

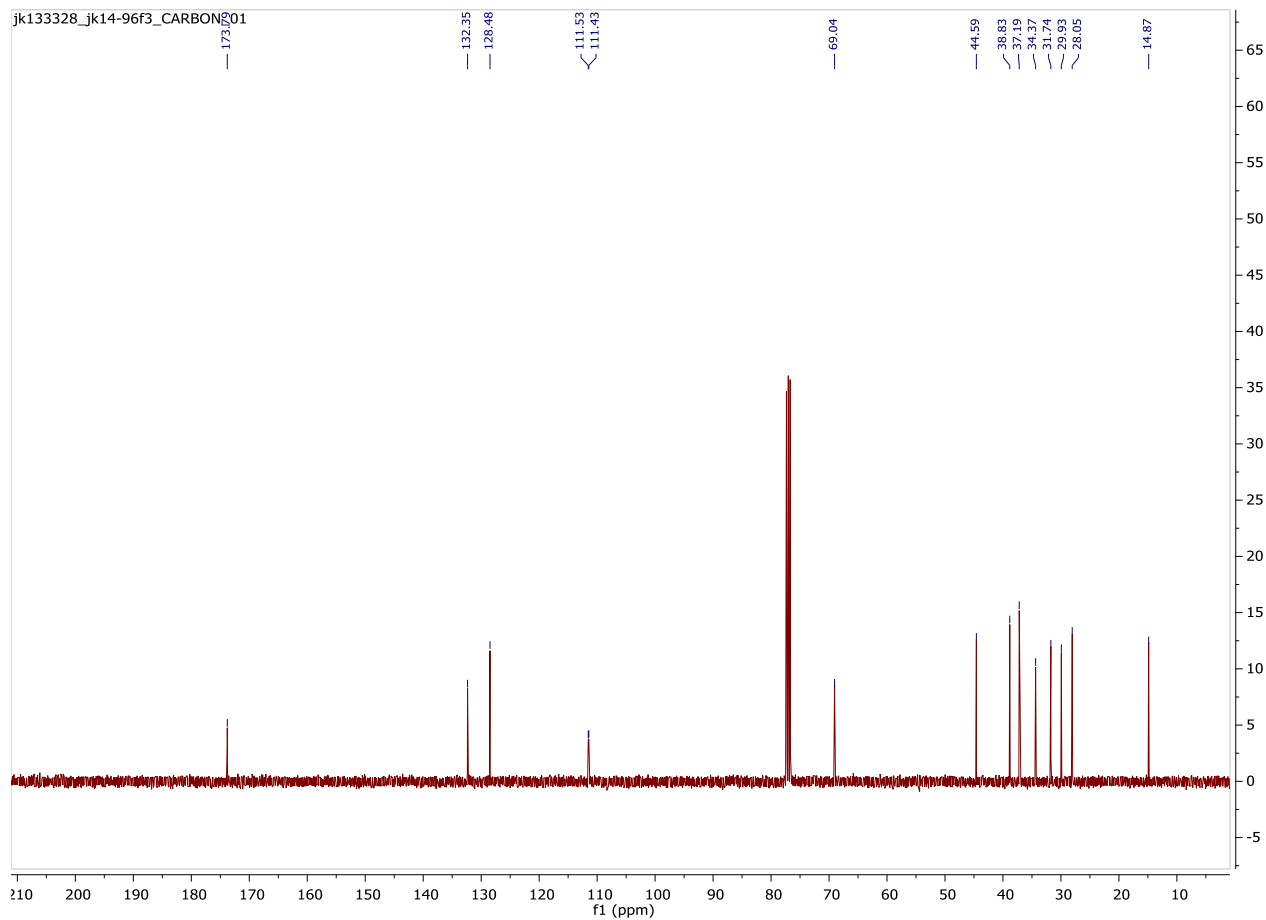


(±)-(3*S*,5*S*,7*aR*)-5-(dicyanomethyl)-*N*-ethyl-1,2,3,3*a*,4,5-hexahydro-7*aH*-indole-7*a*-carboxamide

jk133328_jk14-96f3_PROTON_01

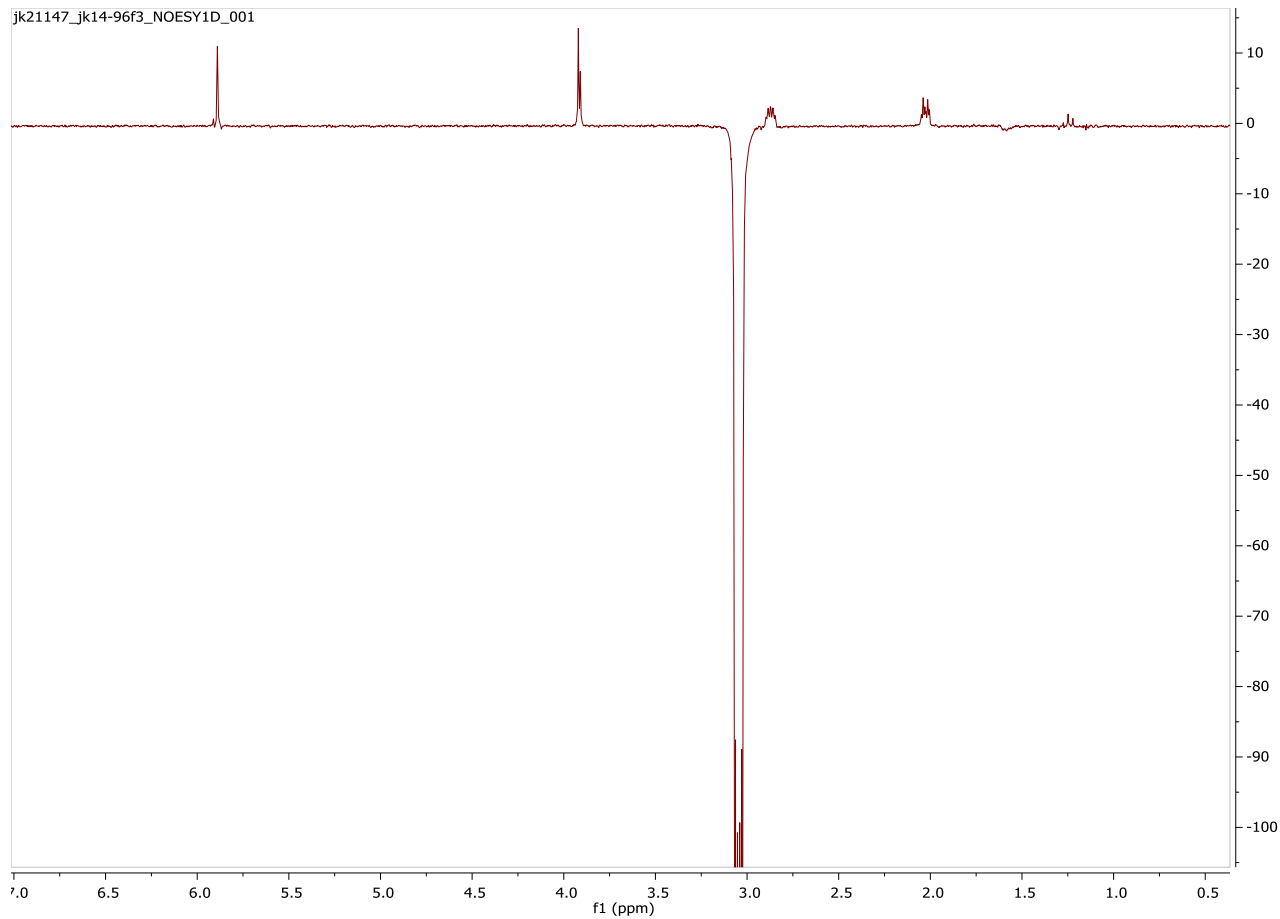


jk133328_jk14-96f3_CARBON_01

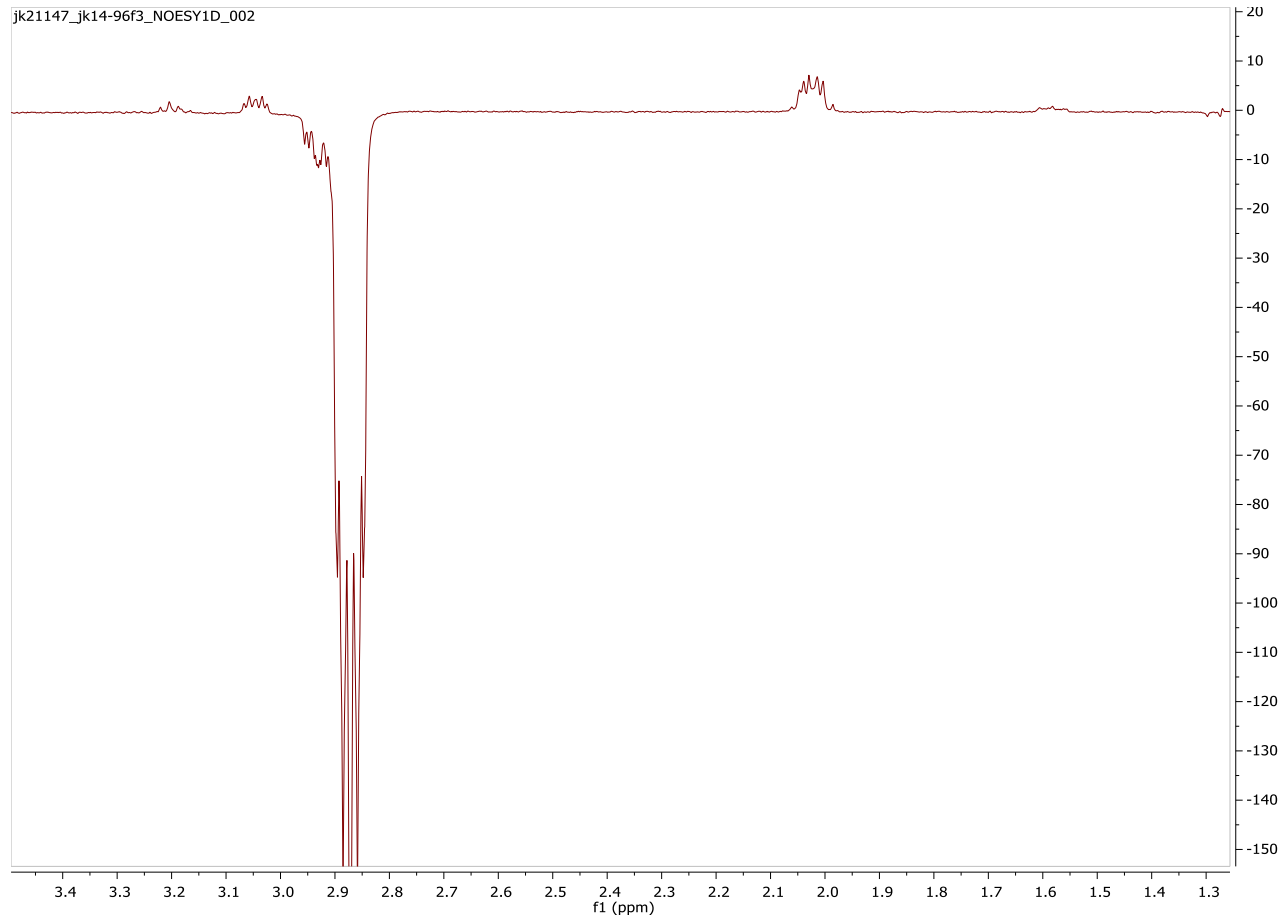


(±)-(3*a*S,5*S*,7*a*R)-5-(dicyanomethyl)-N-ethyl-1,2,3,3*a*,4,5-hexahydro-7*a*H-indole-7*a*-carboxamide

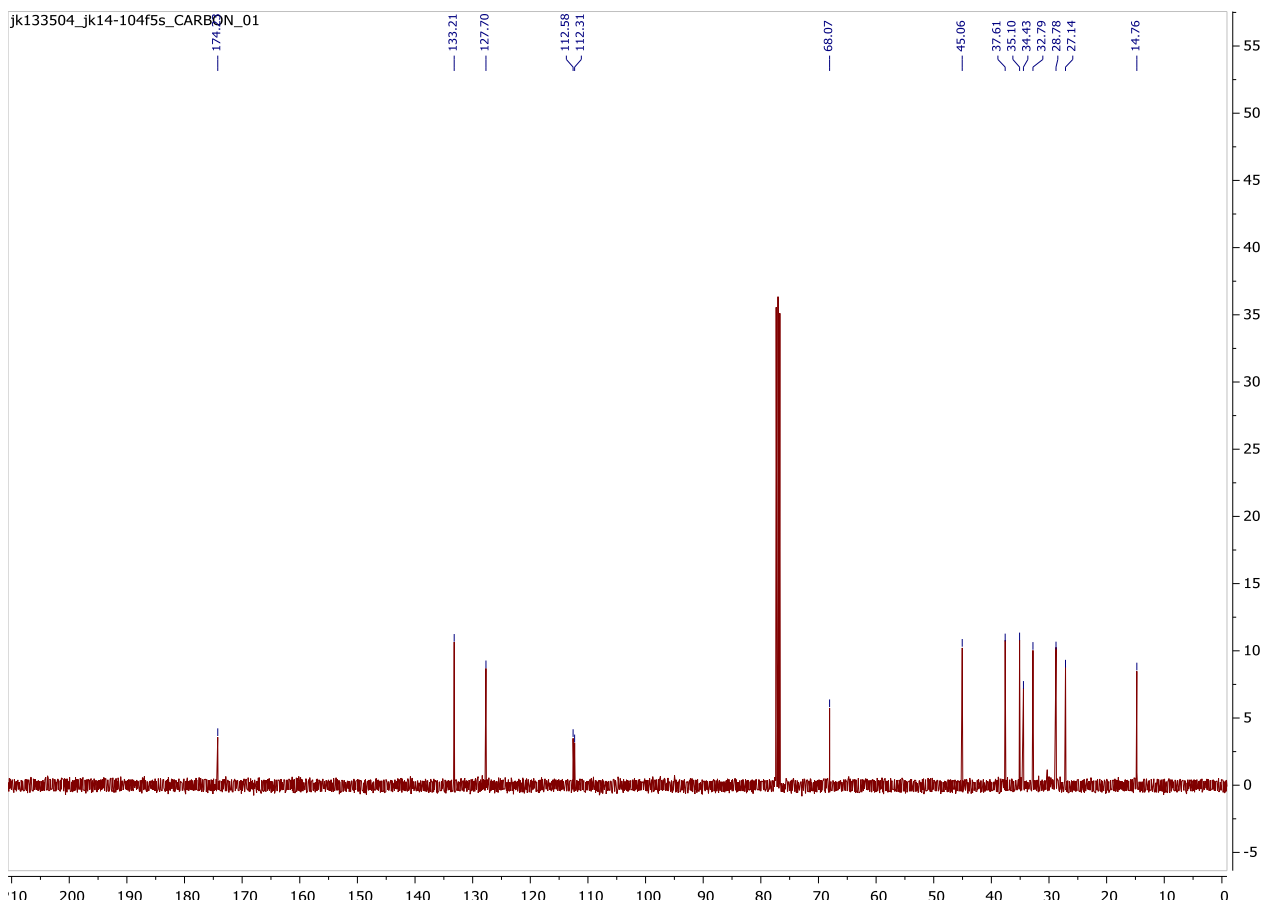
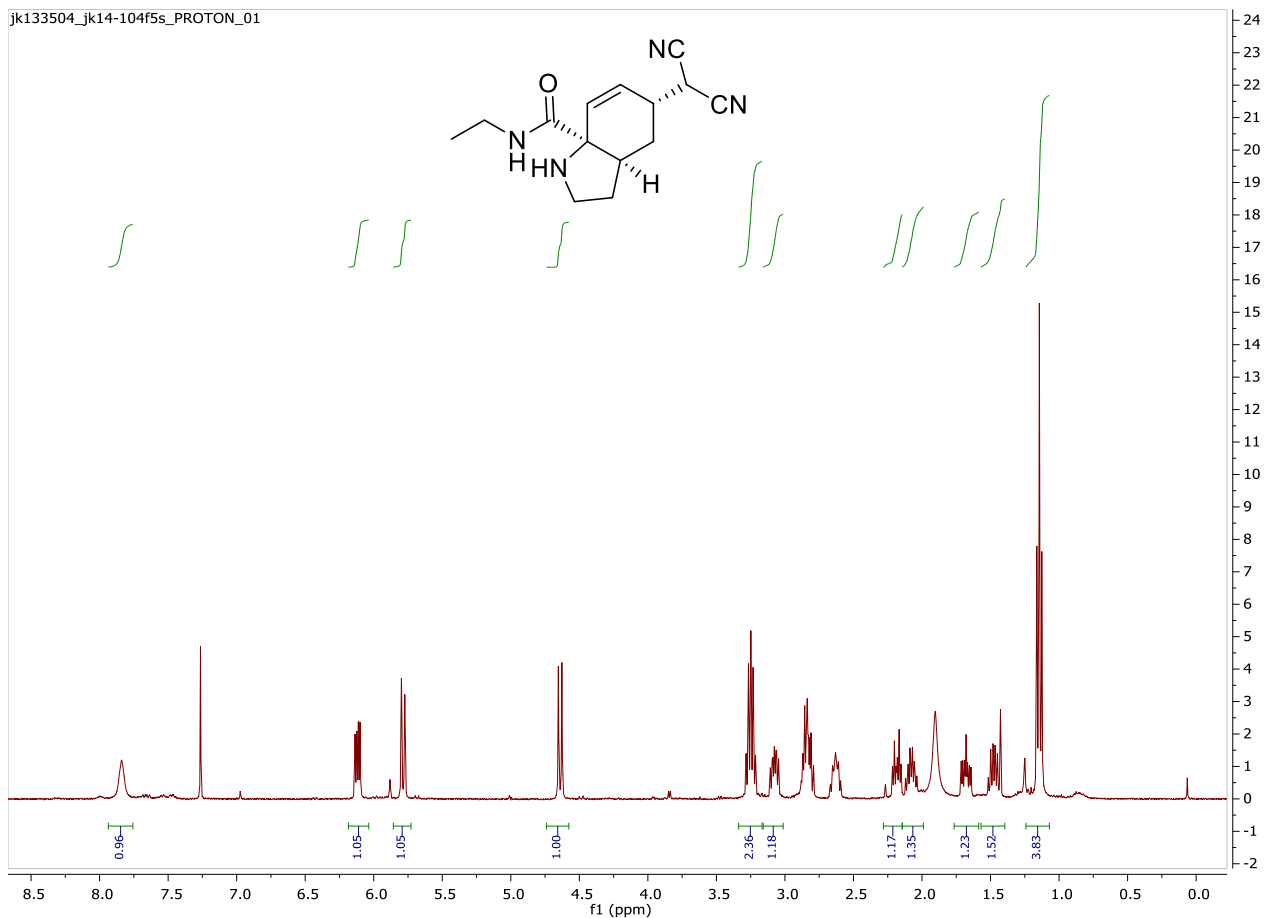
jk21147_jk14-96f3_NOESY1D_001



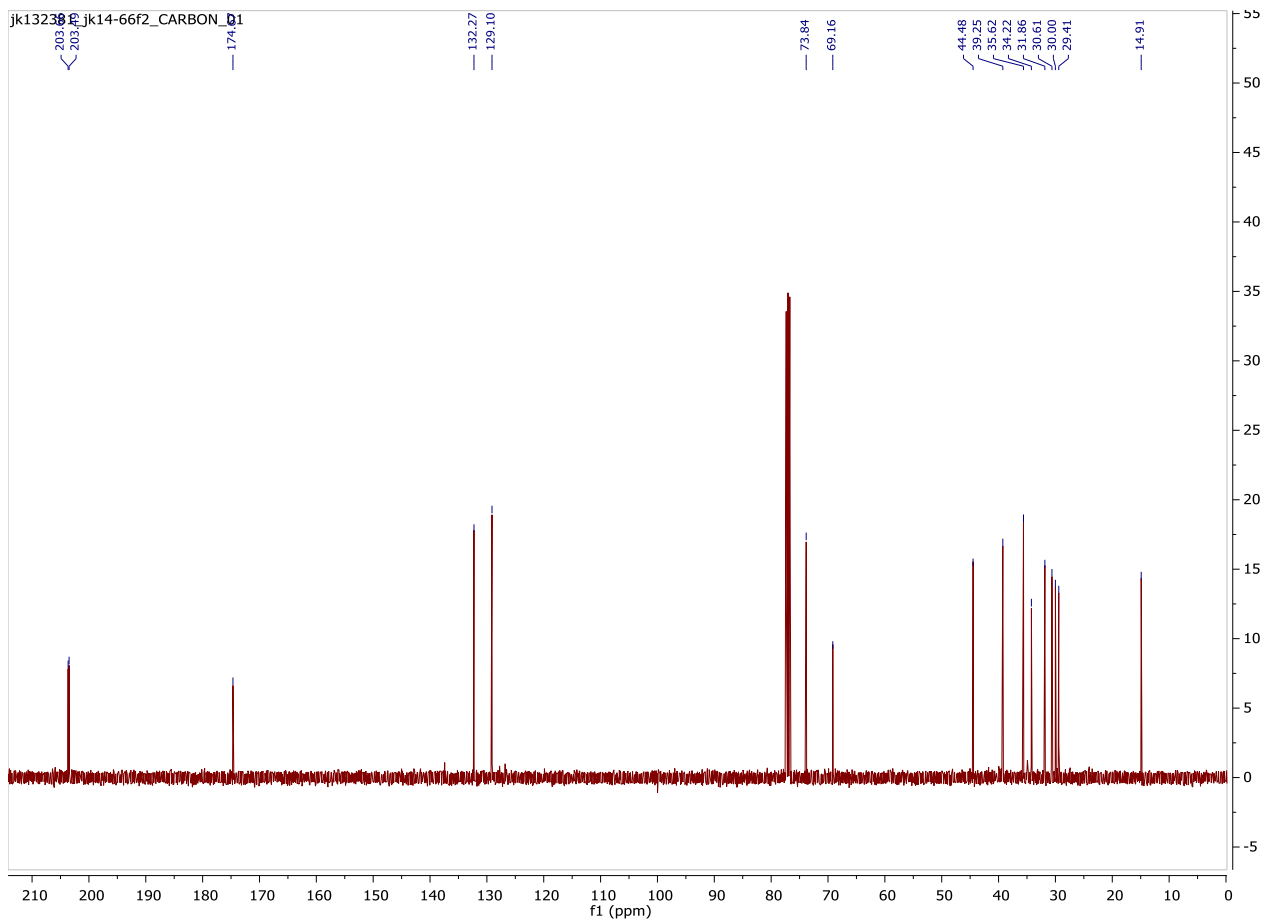
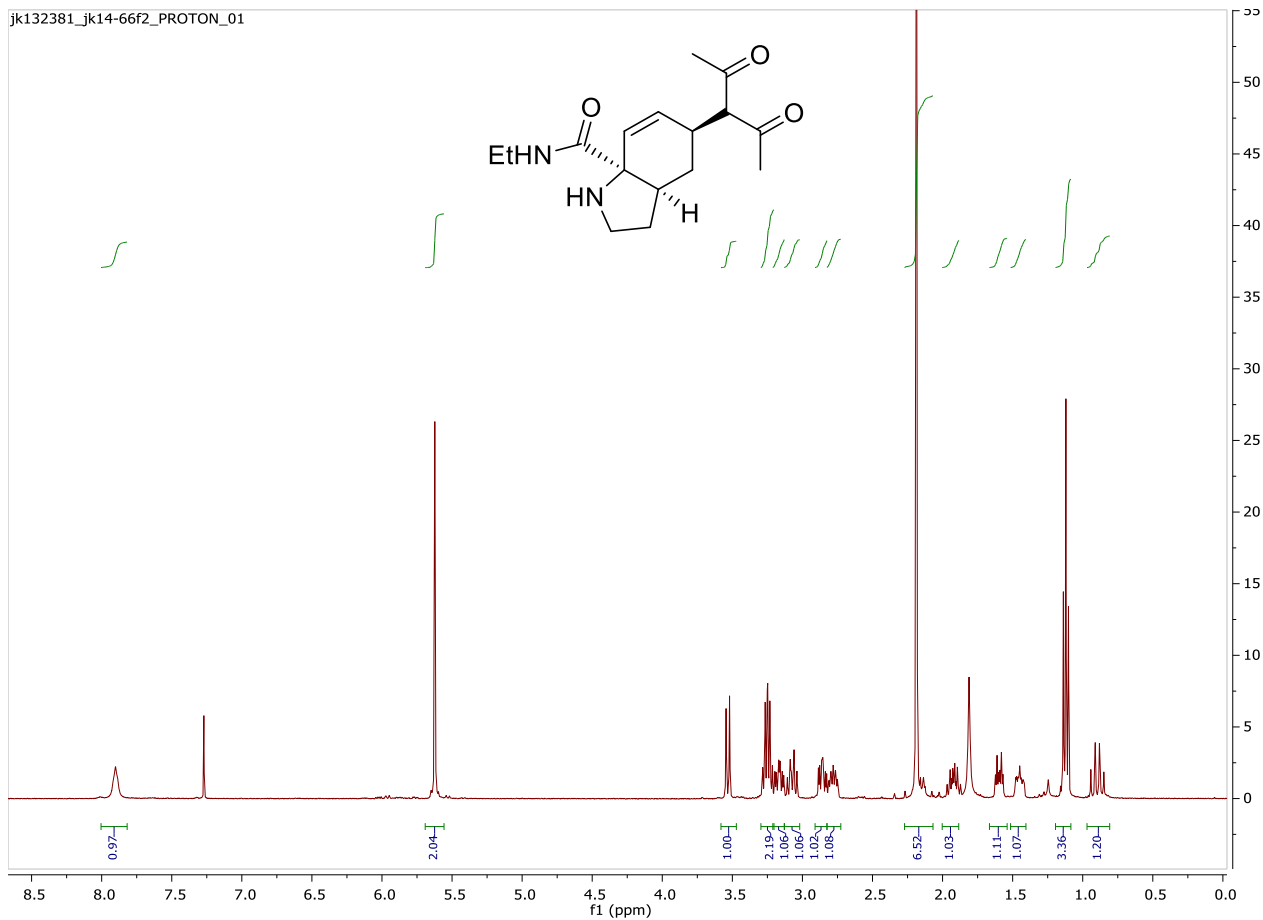
jk21147_jk14-96f3_NOESY1D_002



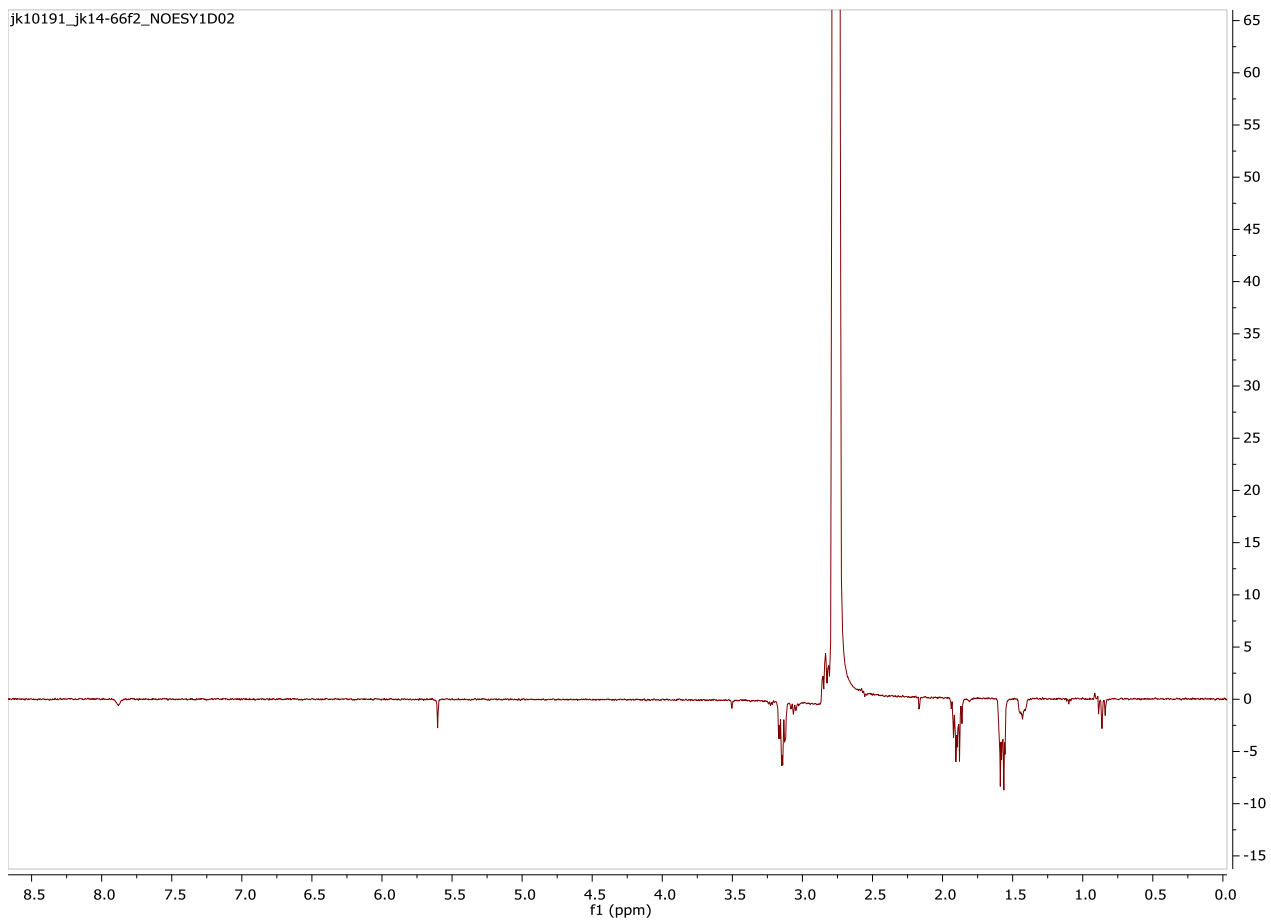
(±)-(3a*S*,5*R*,7a*R*)-5-(dicyanomethyl)-*N*-ethyl-1,2,3,3a,4,5-hexahydro-7a*H*-indole-7a-carboxamide



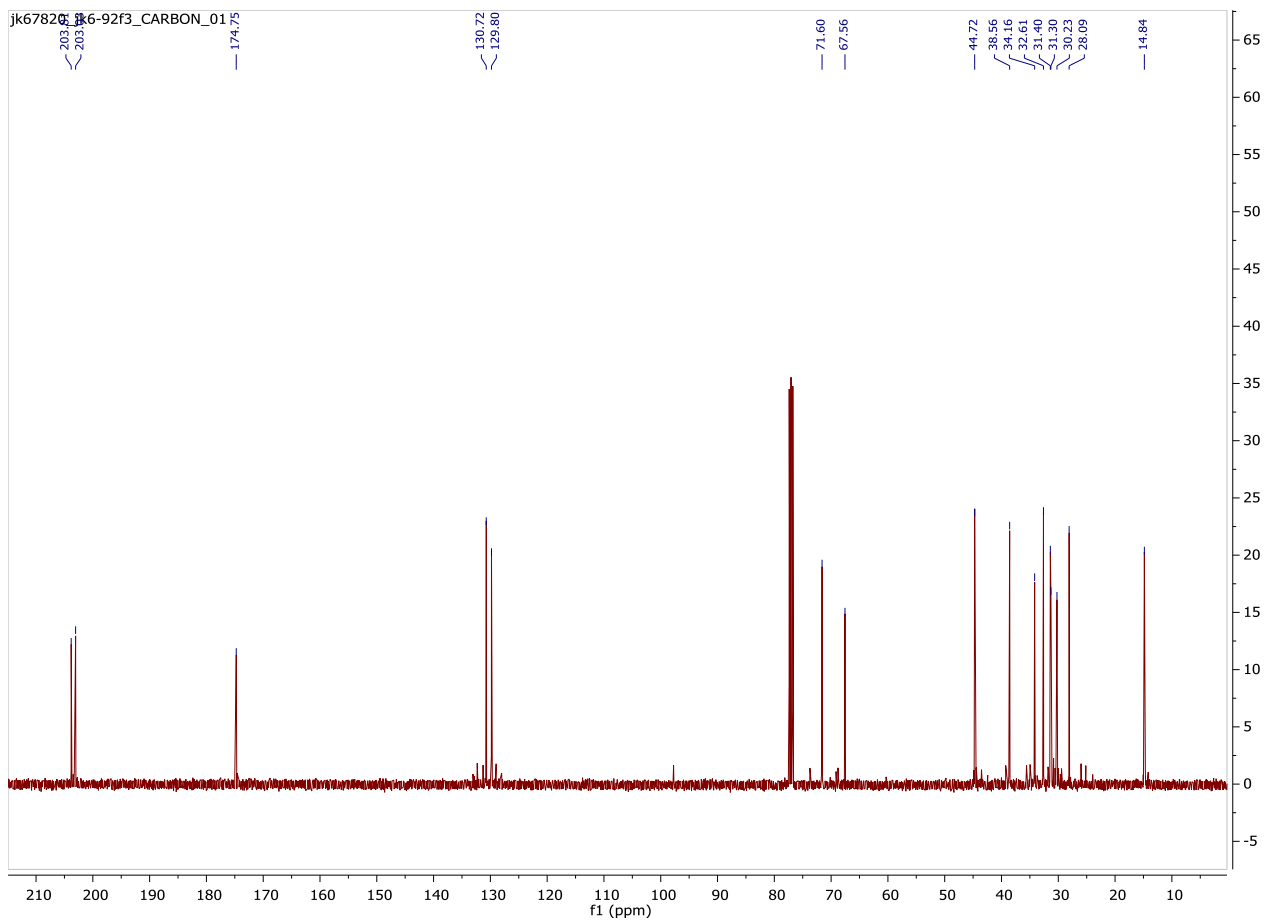
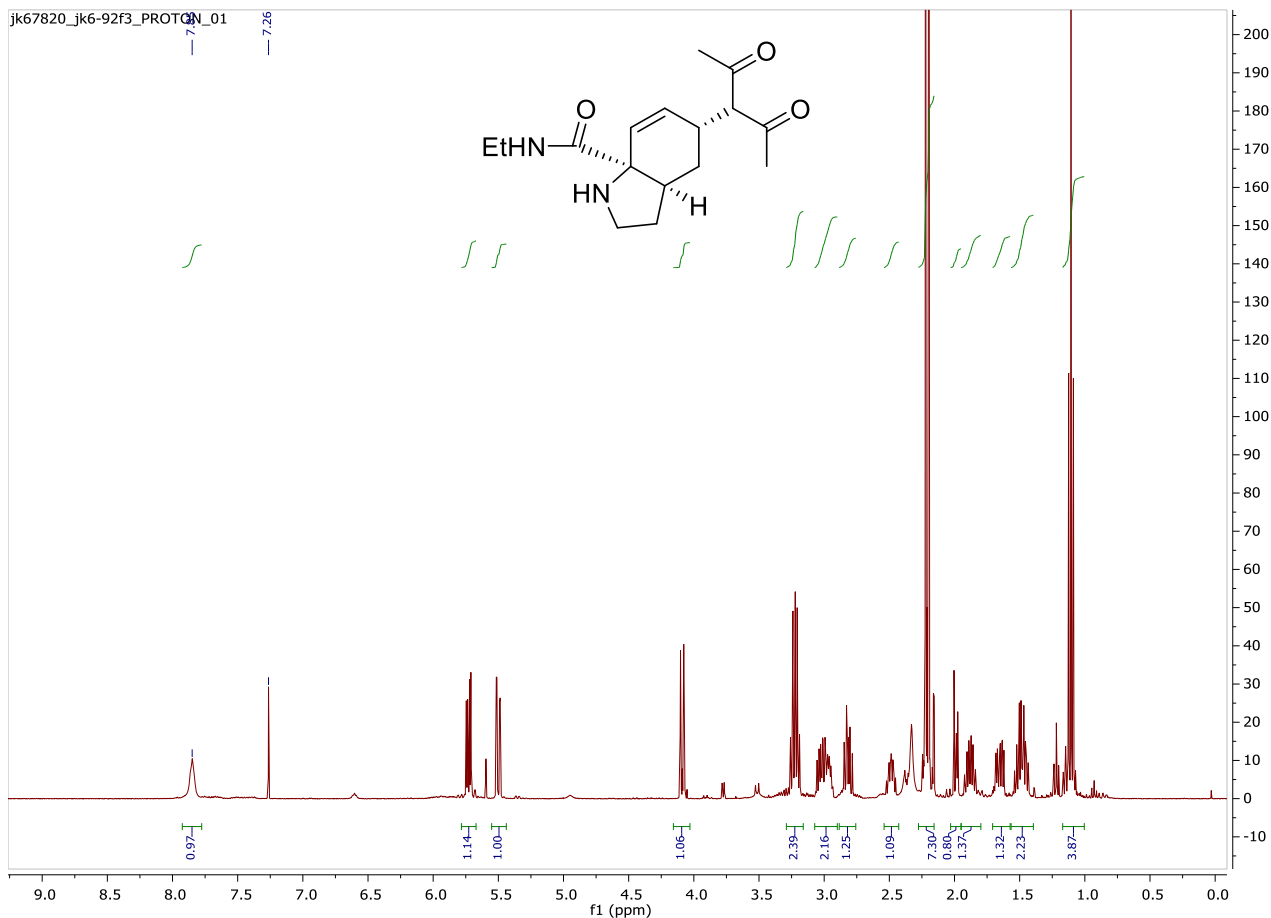
(±)-(3a*S*,5*S*,7a*R*)-5-(2,4-dioxopentan-3-yl)-*N*-ethyl-1,2,3,3a,4,5-hexahydro-7a*H*-indole-7a-carboxamide



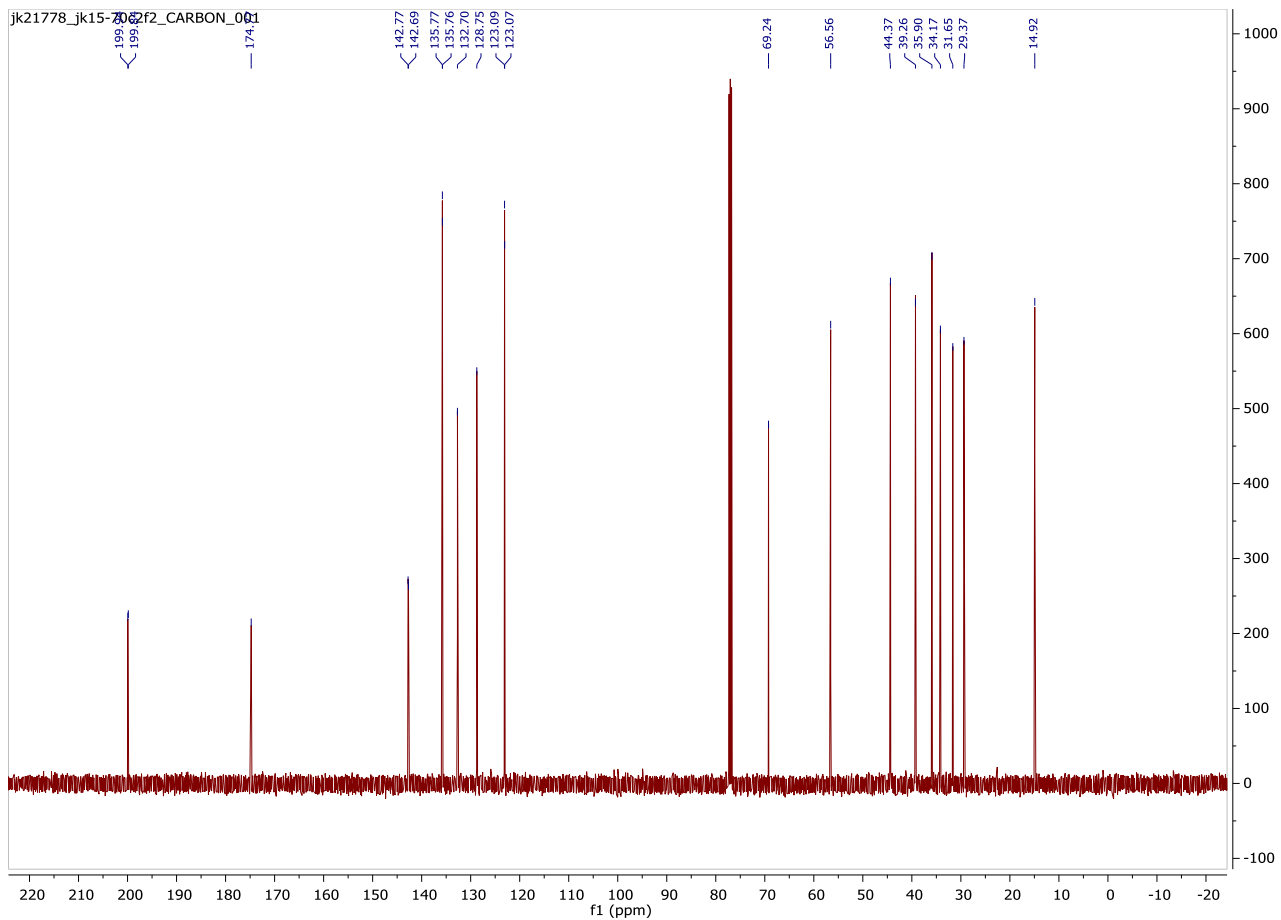
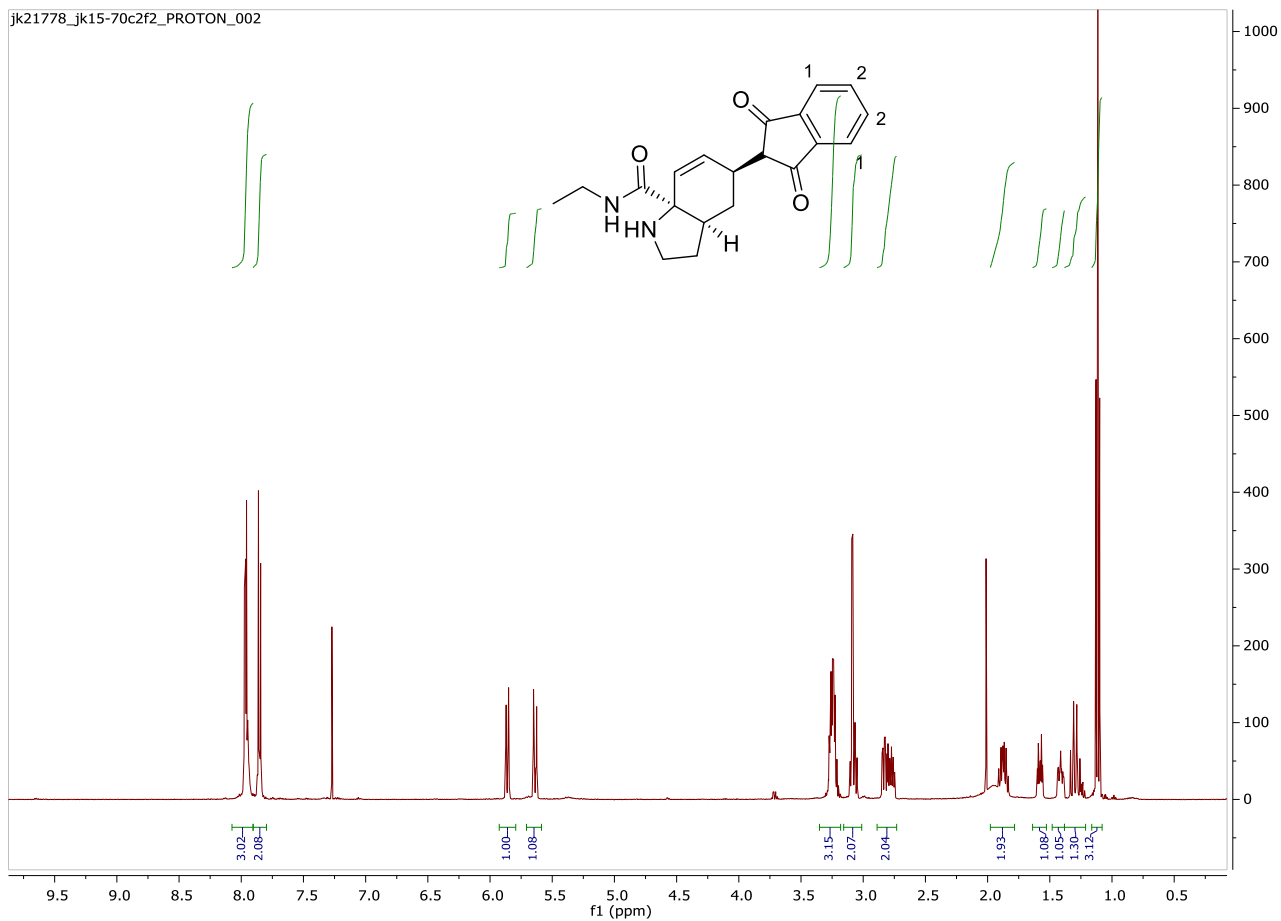
(±)-(3*aS*,5*S*,7*aR*)-5-(2,4-dioxopentan-3-yl)-N-ethyl-1,2,3,3*a*,4,5-hexahydro-7*aH*-indole-7*a*-carboxamide



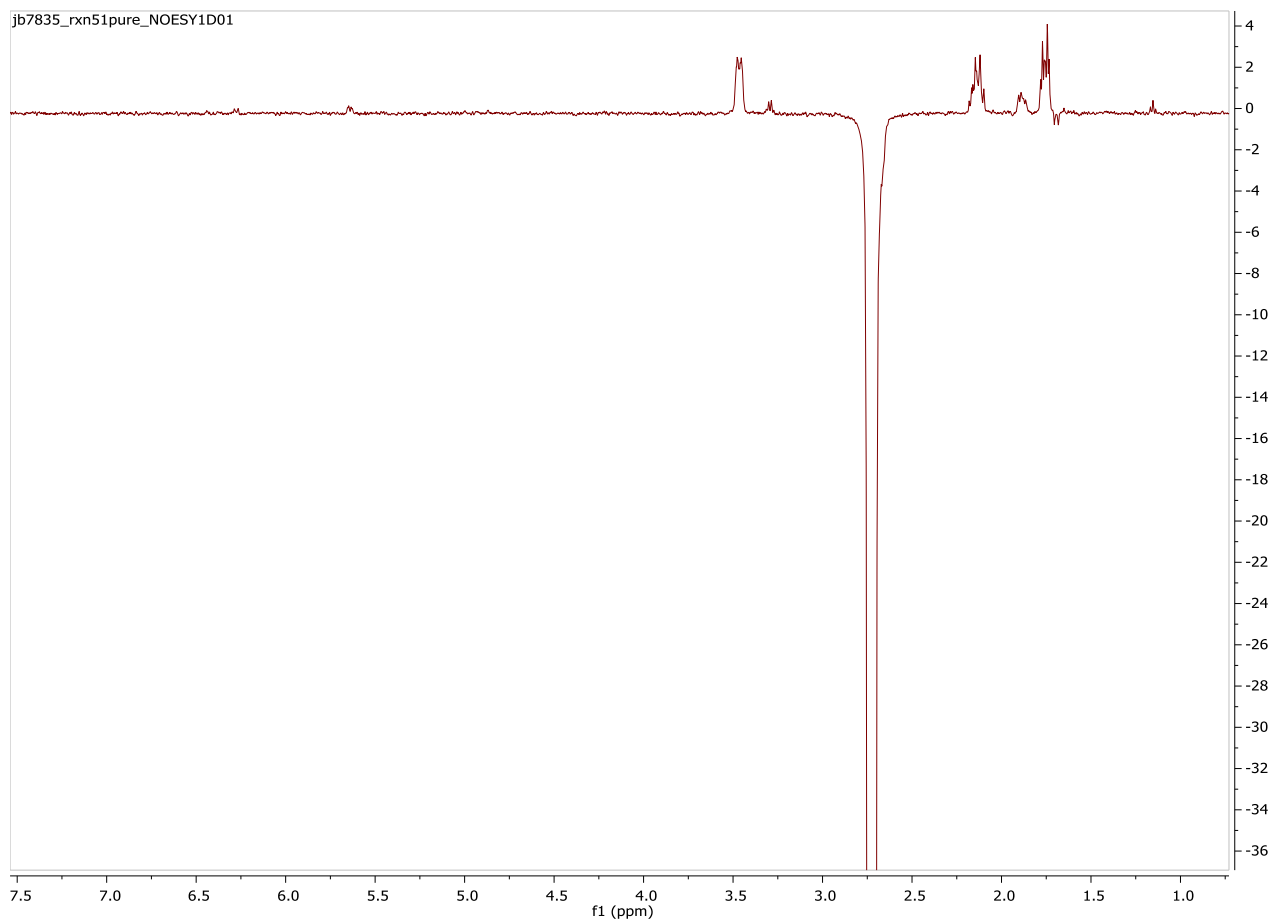
(±)-(3*a*S,5*R*,7*a*R)-5-(2,4-dioxopentan-3-yl)-N-ethyl-1,2,3,3*a*,4,5-hexahydro-7*a*H-indole-7*a*-carboxamide



(±)-(3a*S*,5*S*,7a*R*)-5-(1,3-dioxo-2,3-dihydro-1*H*-inden-2-yl)-*N*-ethyl-1,2,3,3a,4,5-hexahydro-7a*H*-indole-7a-carboxamide

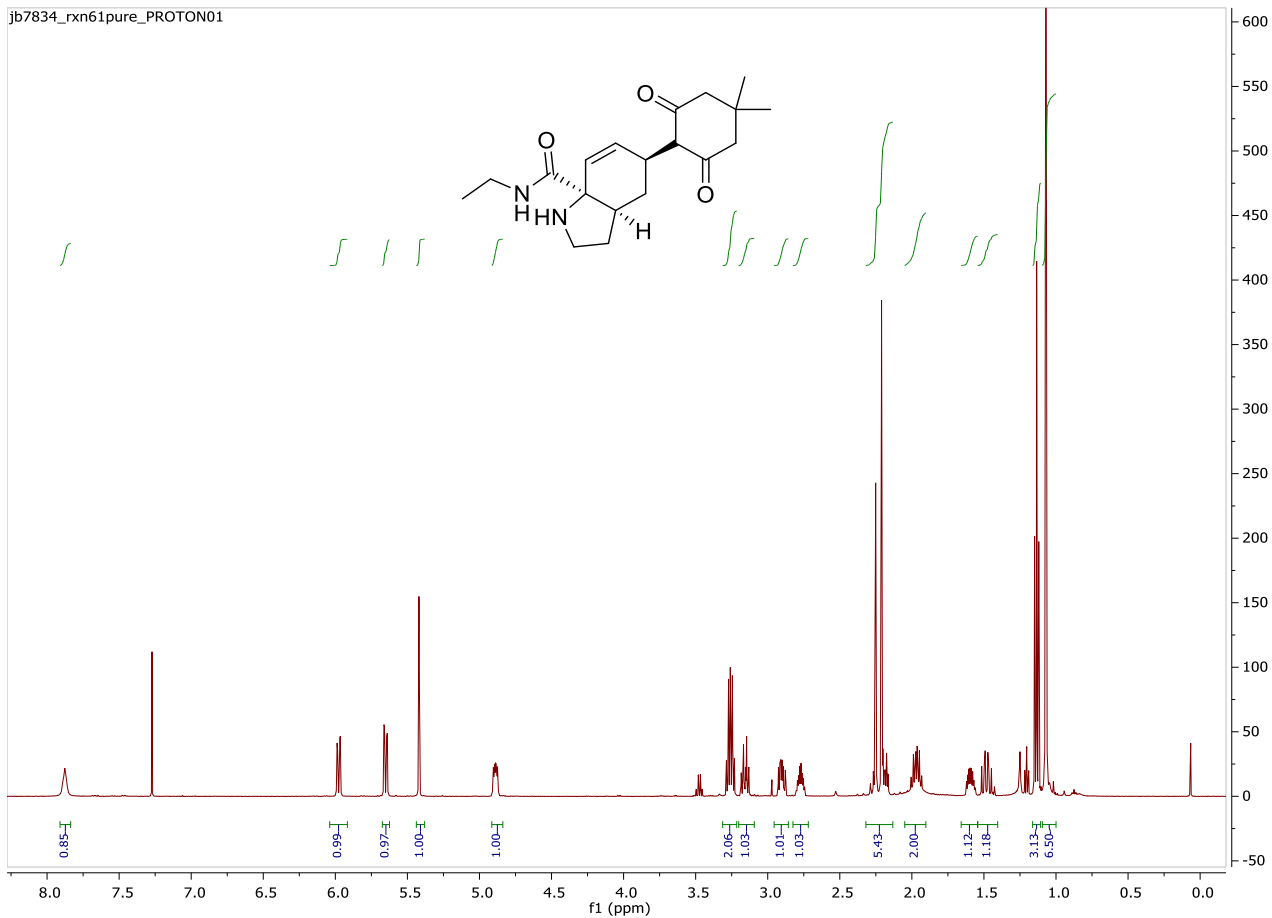


(±)-(3*a*S,5*S*,7*a*R)-5-(1,3-dioxo-2,3-dihydro-1*H*-inden-2-yl)-*N*-ethyl-1,2,3,3*a*,4,5-hexahydro-7*a*H-indole-7*a*-carboxamide

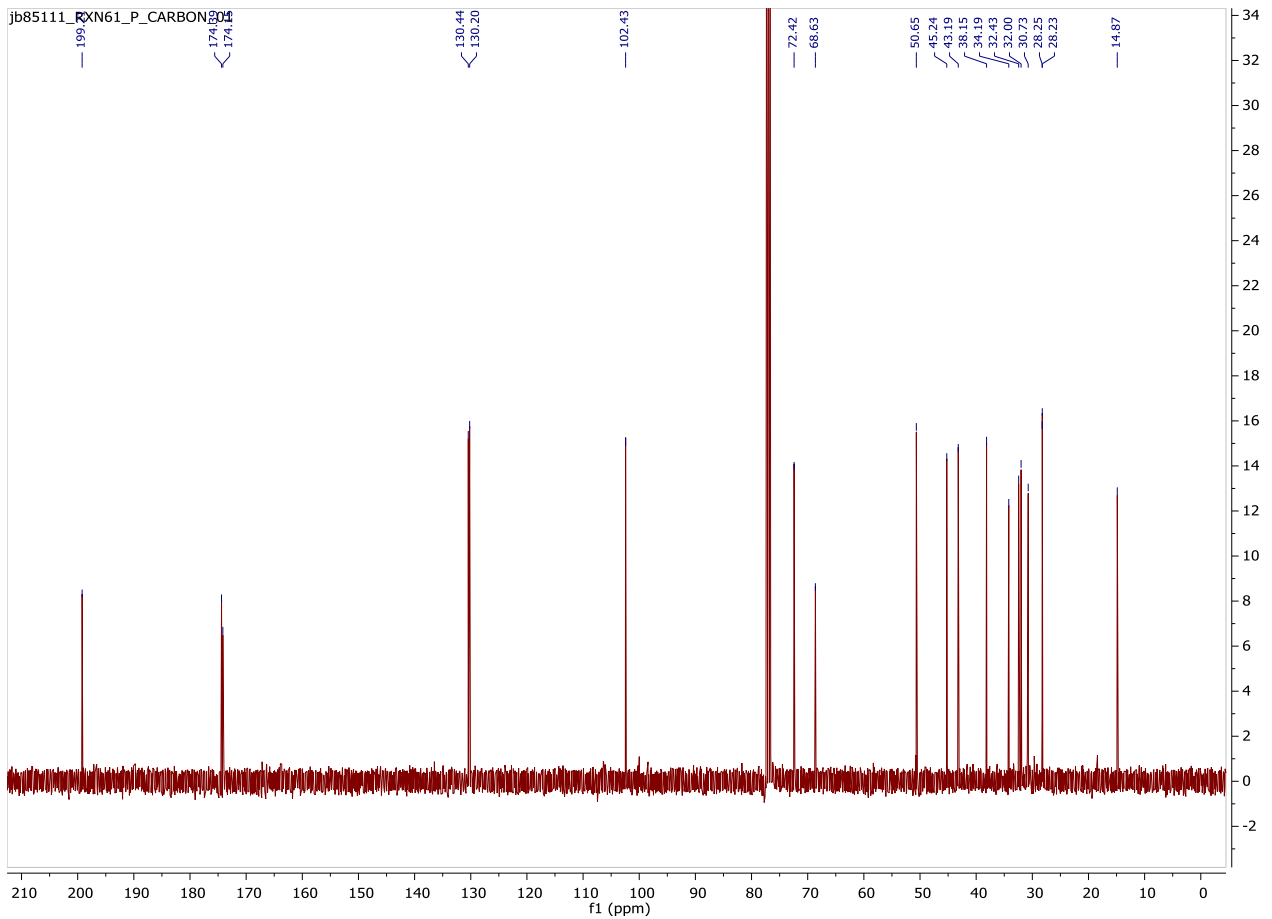


(±)-(3*a*S,5*S*,7*a*R)-5-(4,4-dimethyl-2,6-dioxocyclohexyl)-N-ethyl-1,2,3,3*a*,4,5-hexahydro-7*a*H-indole-7*a*-carboxamide

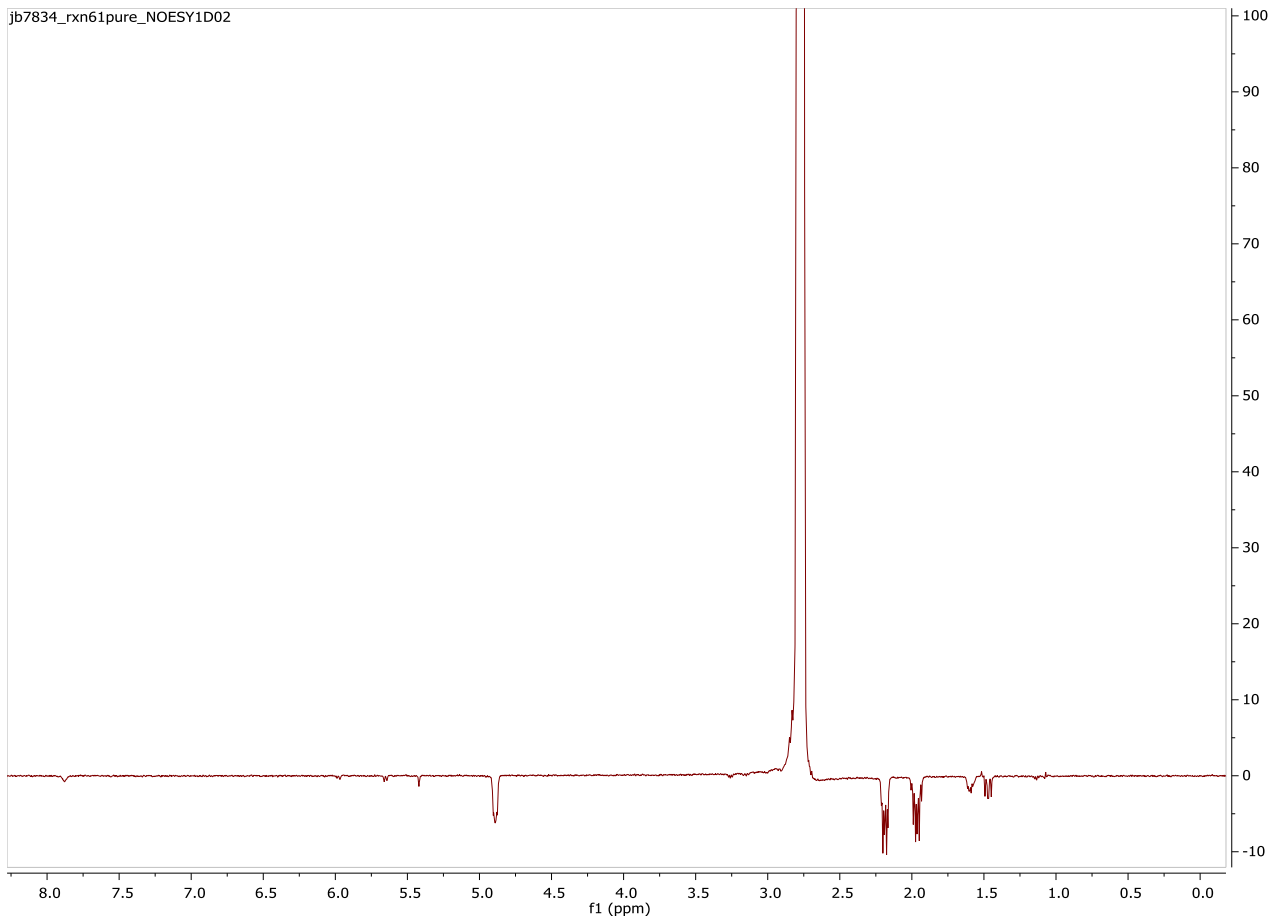
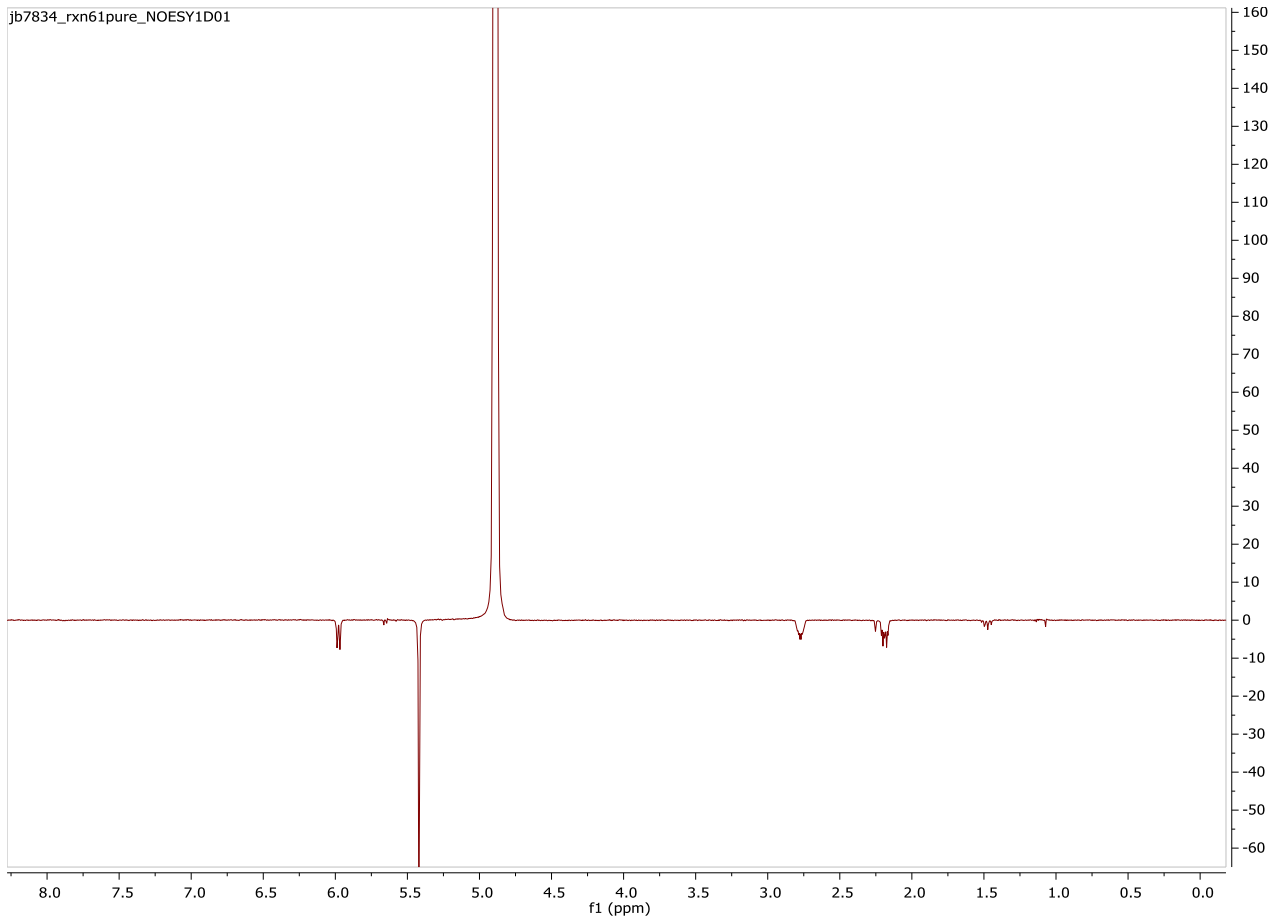
jb7834_rxn61pure_PROTON01



jb85111_rxn61_P_CARBON01

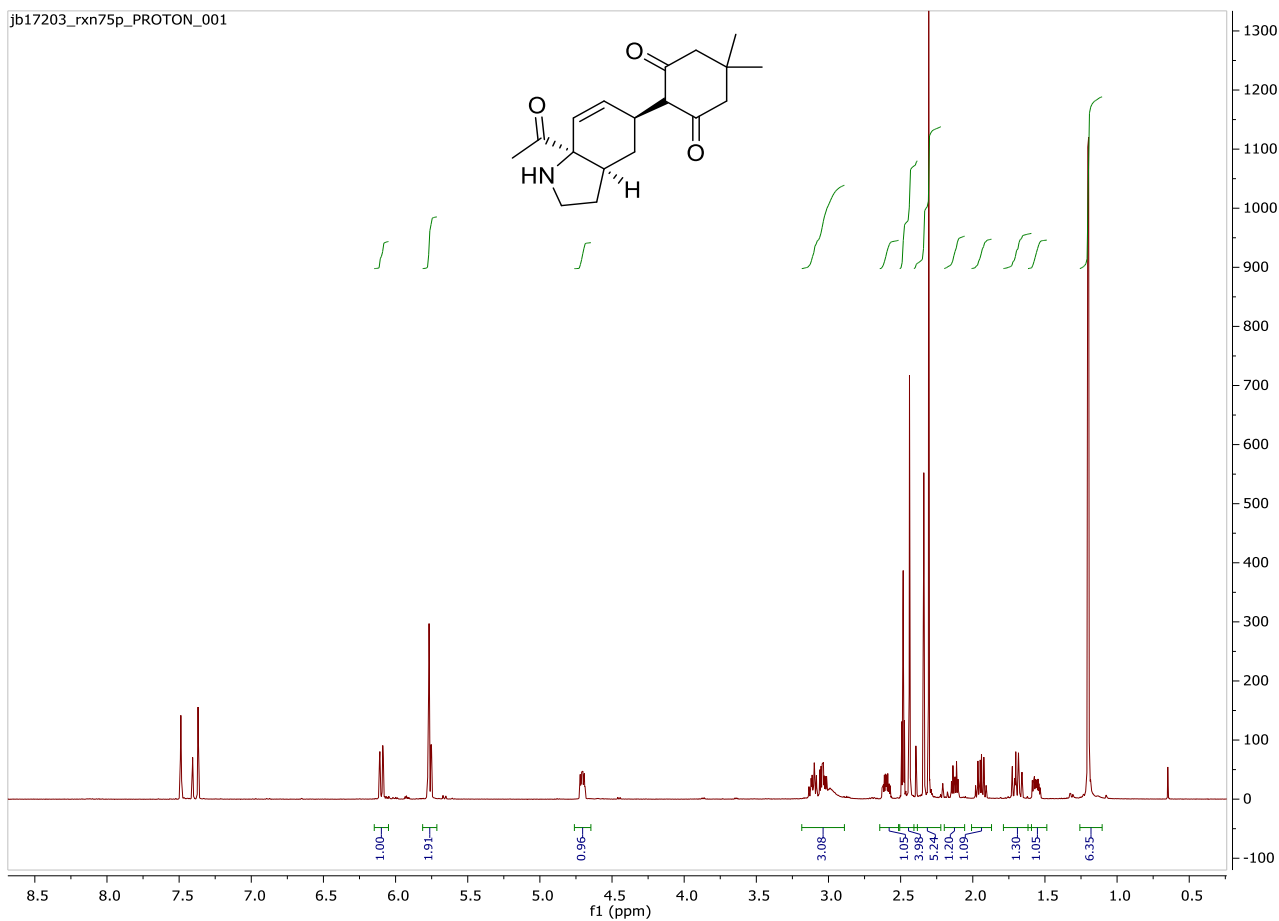


(±)-(3a*S*,5*S*,7a*R*)-5-(4,4-dimethyl-2,6-dioxocyclohexyl)-*N*-ethyl-1,2,3,3a,4,5-hexahydro-7a*H*-indole-7a-carboxamide

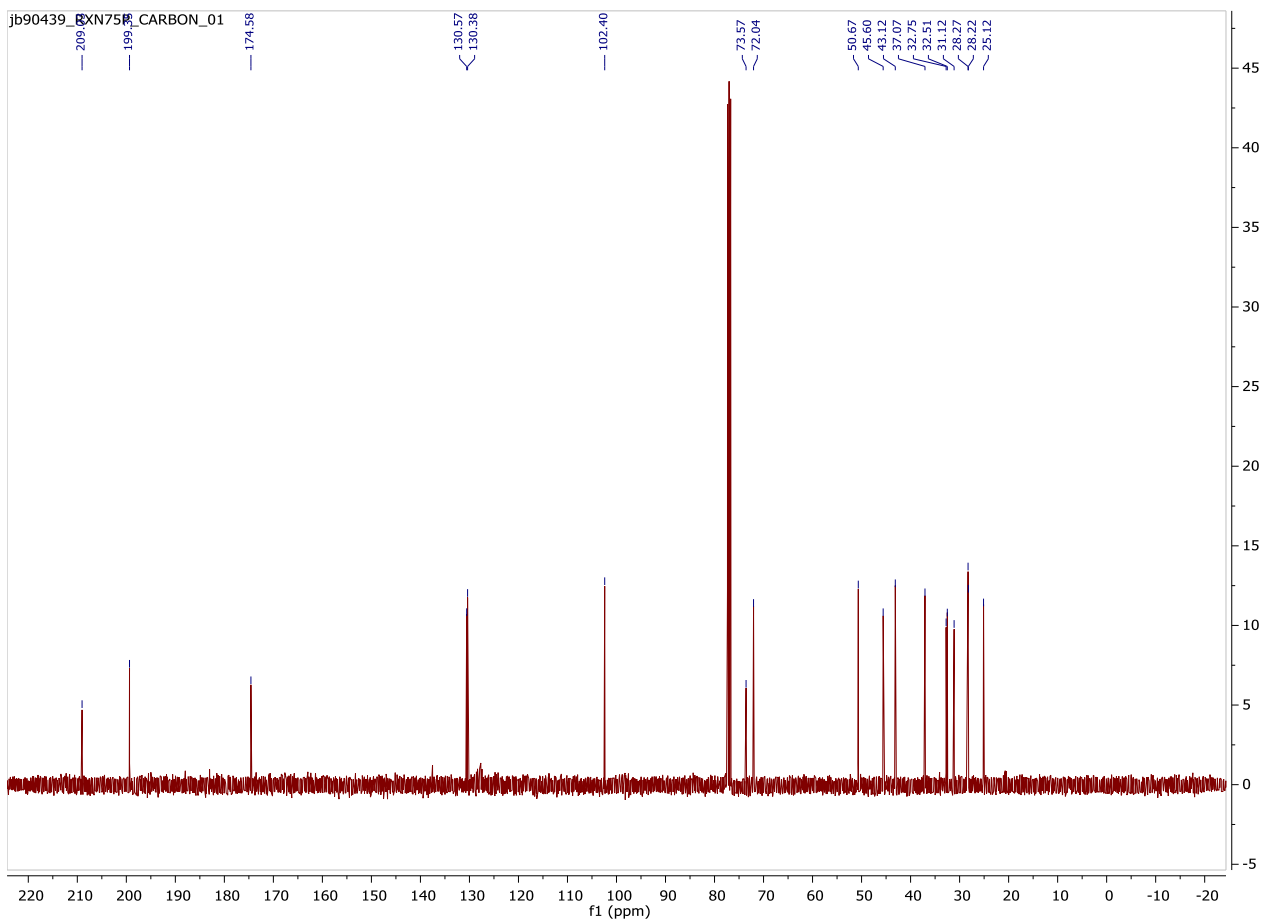


(±)-2-((3a*S*,5*S*,7a*R*)-7a-acetyl-2,3,3a,4,5,7a-hexahydro-1*H*-indol-5-yl)-5,5-dimethylcyclohexane-1,3-dione

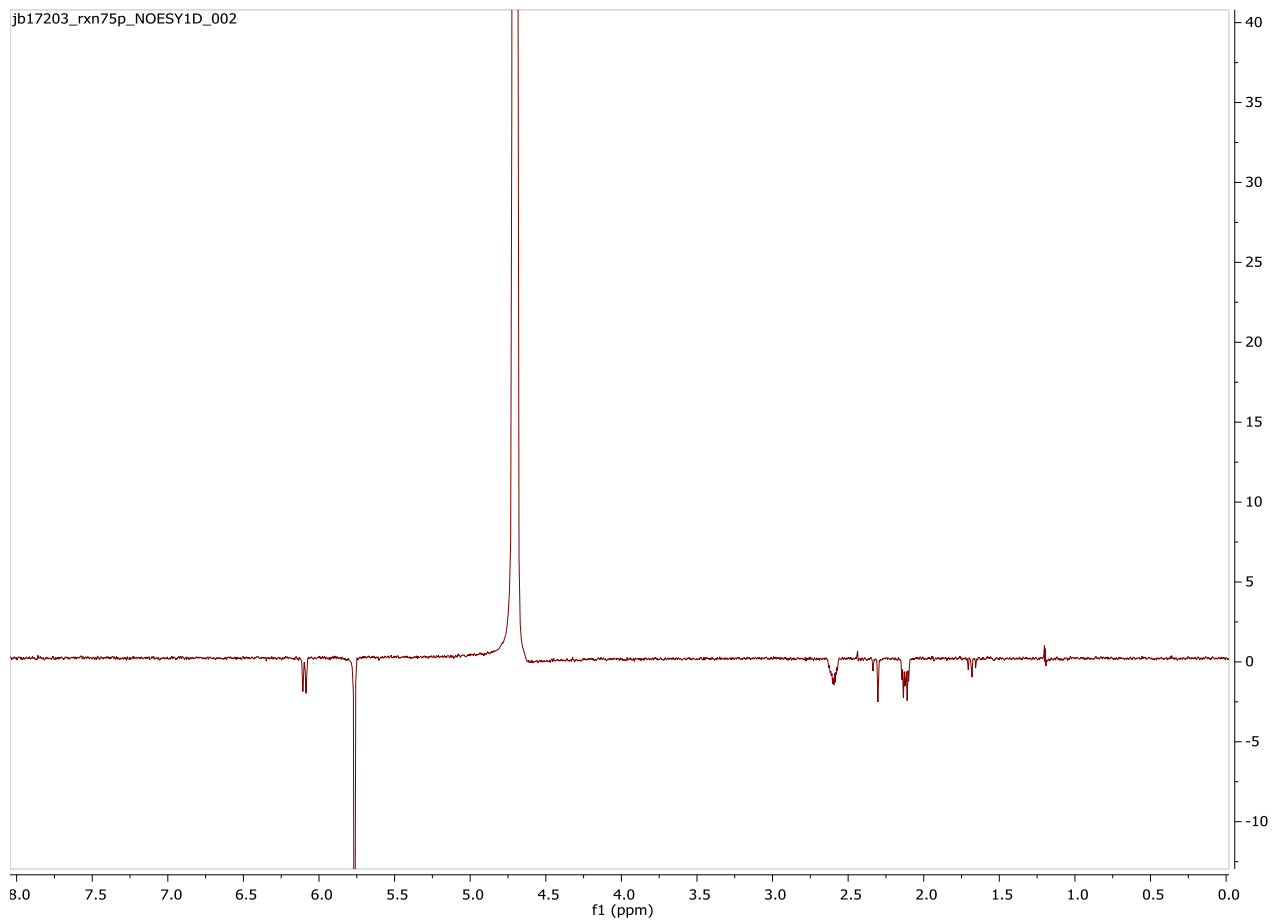
jb17203_rxn75p_PROTON_001



jb90439_rxn75p_CARBON_01

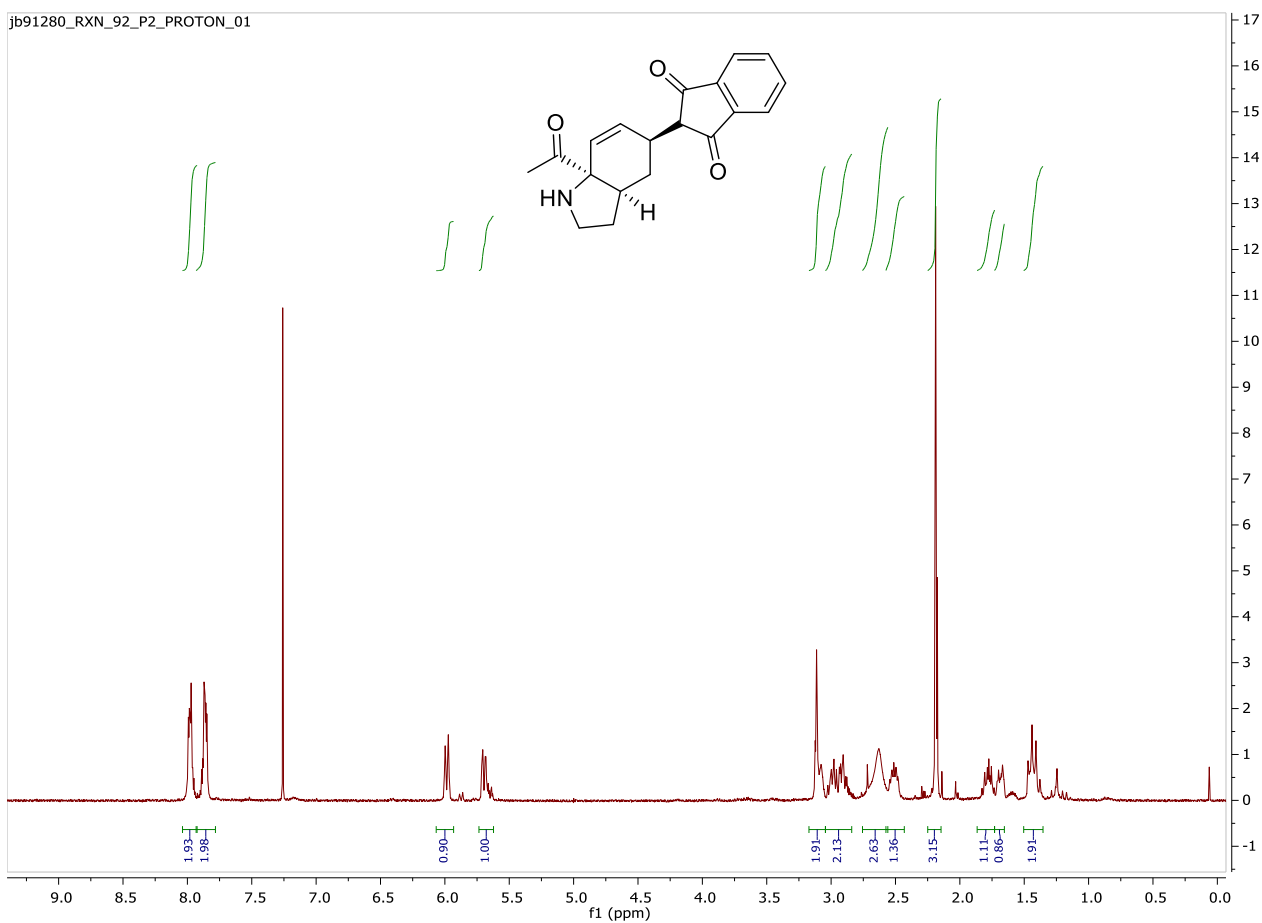


(±)-2-((3a*S*,5*S*,7a*R*)-7a-acetyl-2,3,3a,4,5,7a-hexahydro-1H-indol-5-yl)-5,5-dimethylcyclohexane-1,3-dione

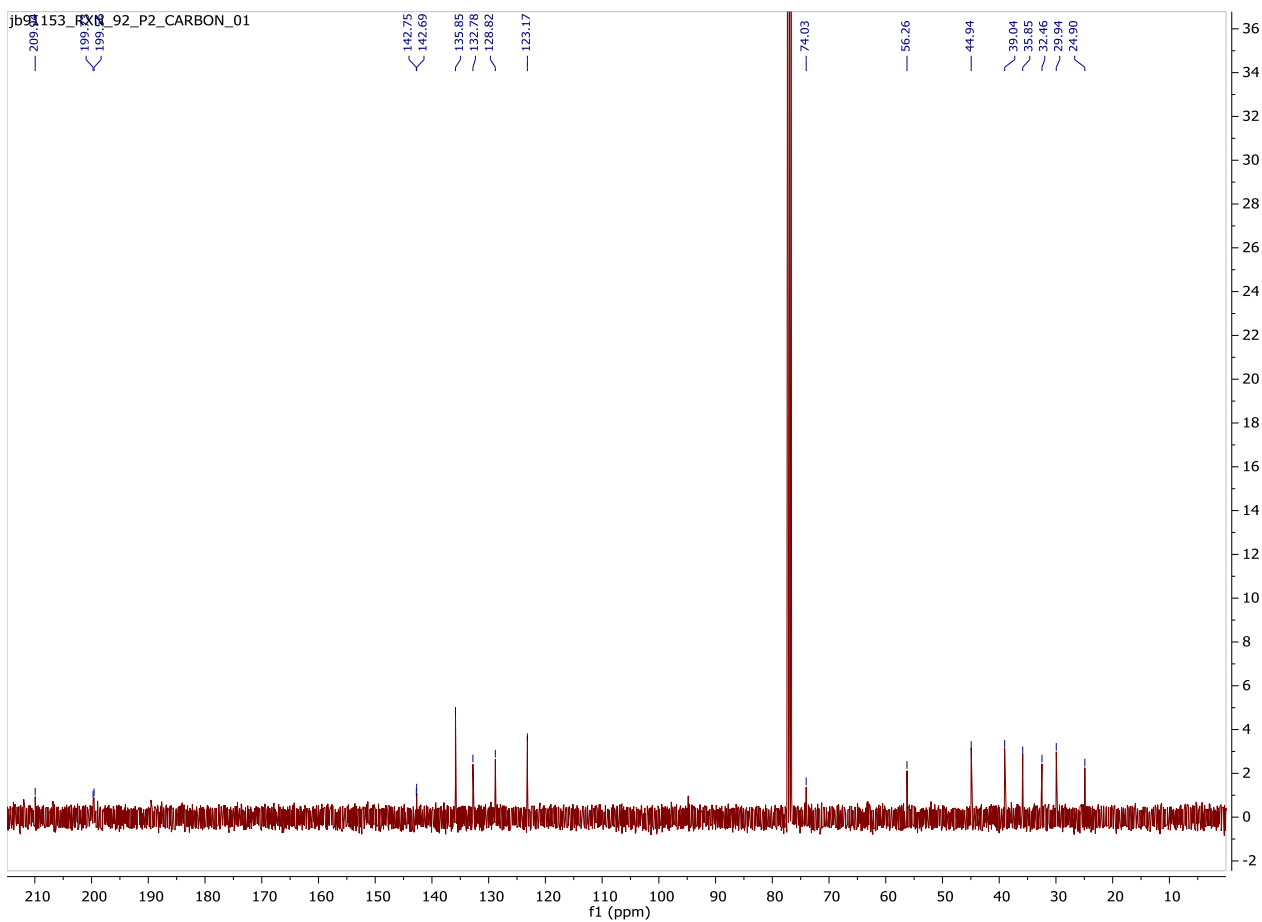


(±)-2-((3a*S*,5*S*,7a*R*)-7a-acetyl-2,3,3a,4,5,7a-hexahydro-1*H*-indol-5-yl)-1*H*-indene-1,3(2*H*)-dione

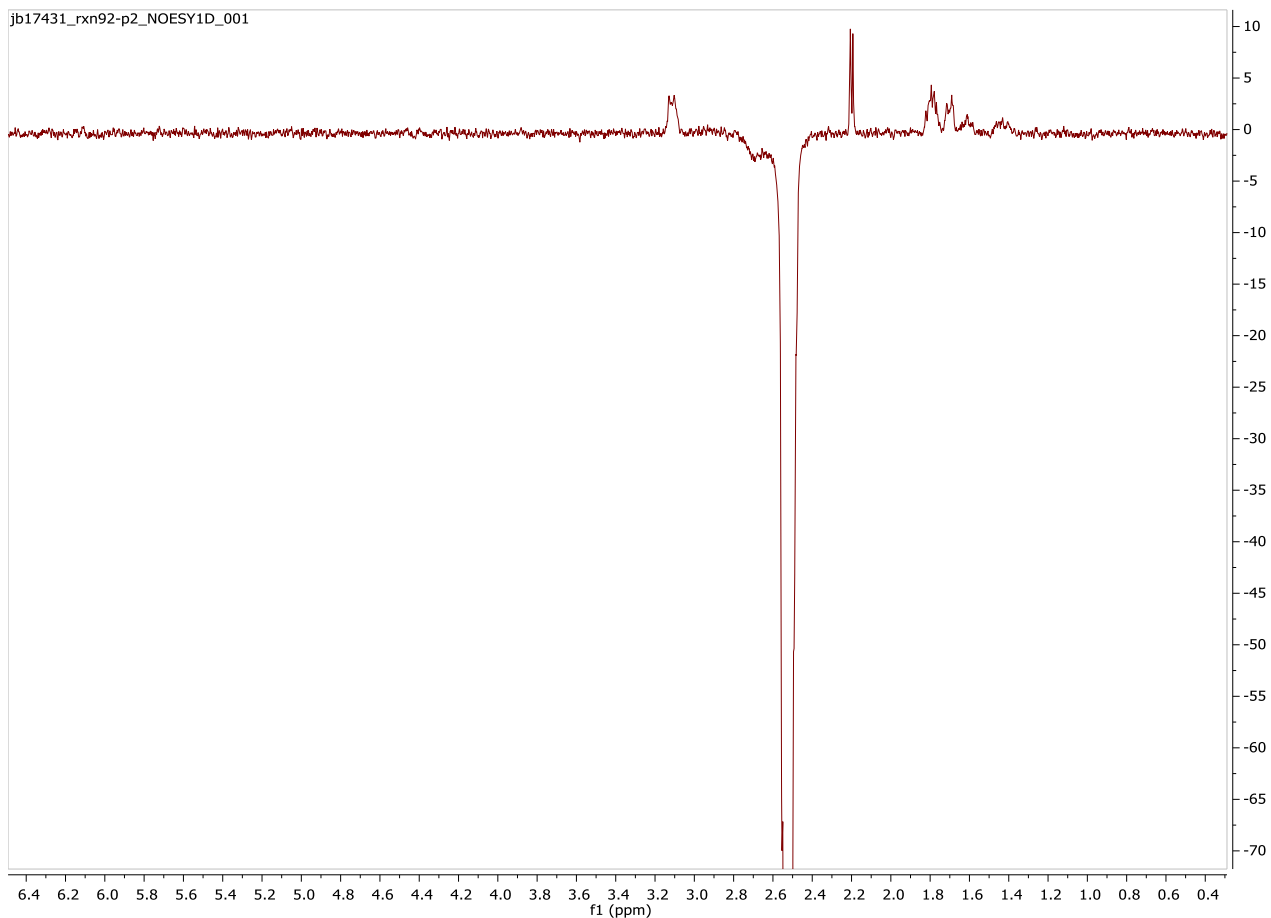
jb91280_RXN_92_P2_PROTON_01



jb91153_RXN_92_P2_CARBON_01

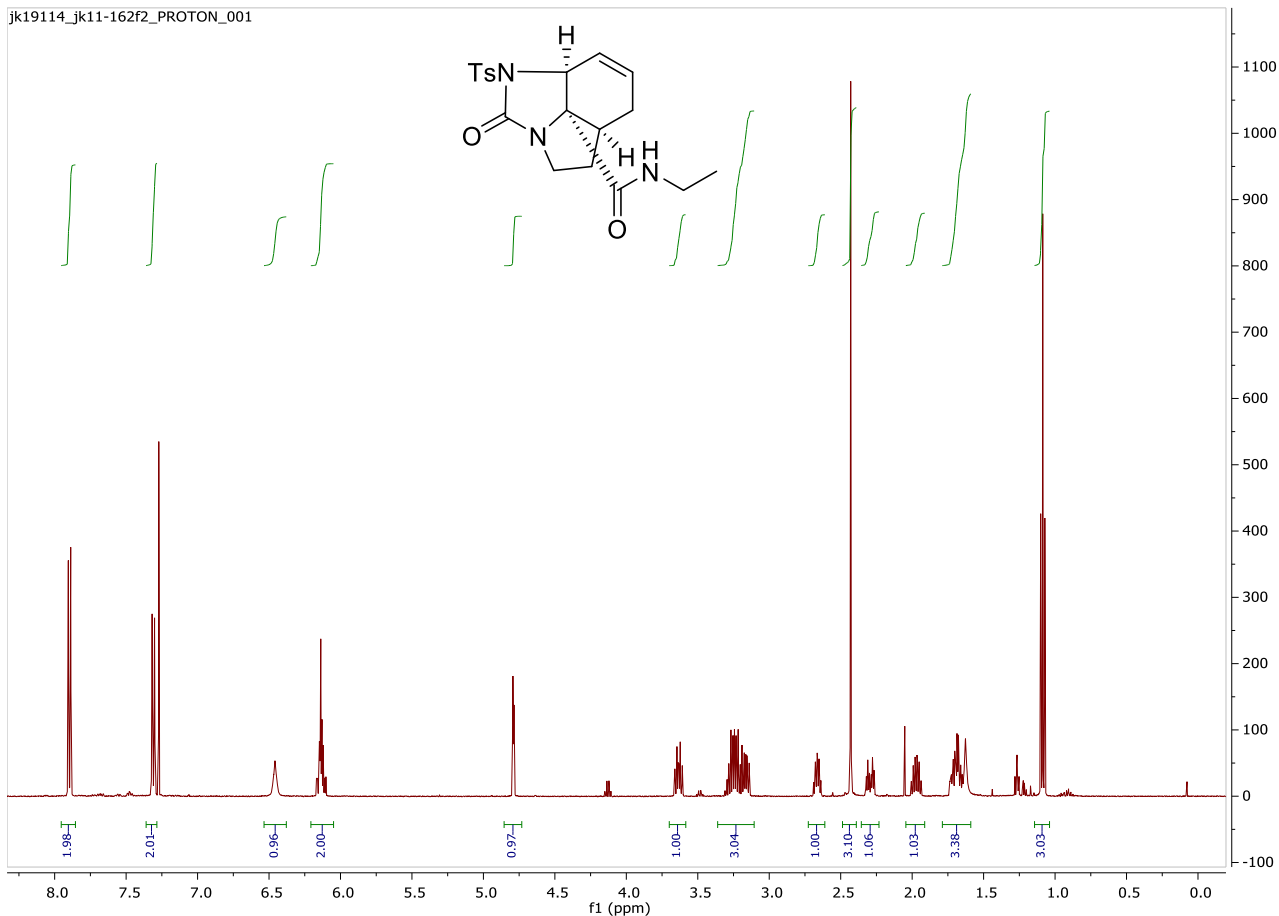


(±)-2-((3a*S*,5*S*,7a*R*)-7a-acetyl-2,3,3a,4,5,7a-hexahydro-1H-indol-5-yl)-1H-indene-1,3(2H)-dione

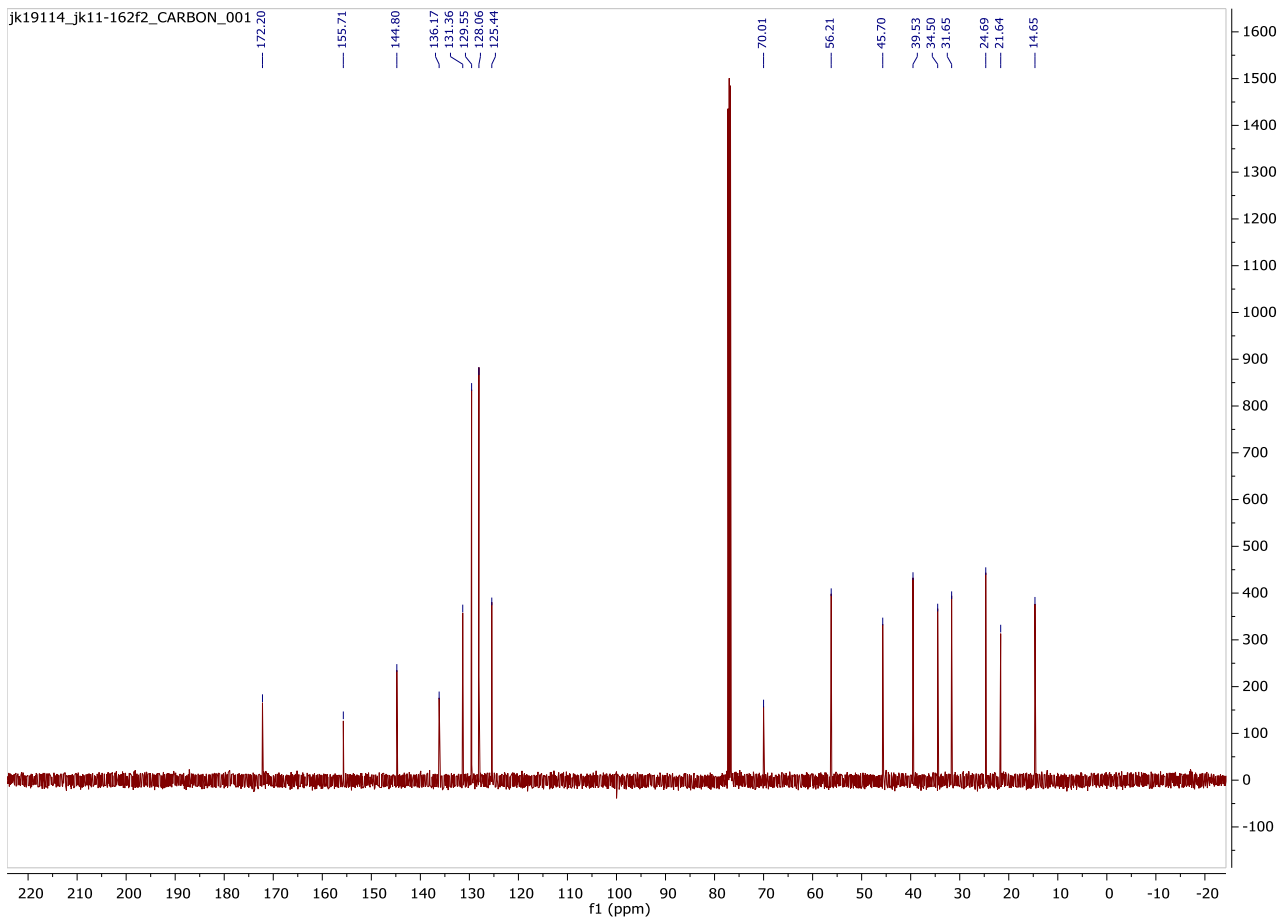


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-2-oxo-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*i]indole-31(2*H*)-carboxamide

jk19114_jk11-162f2_PROTON_001

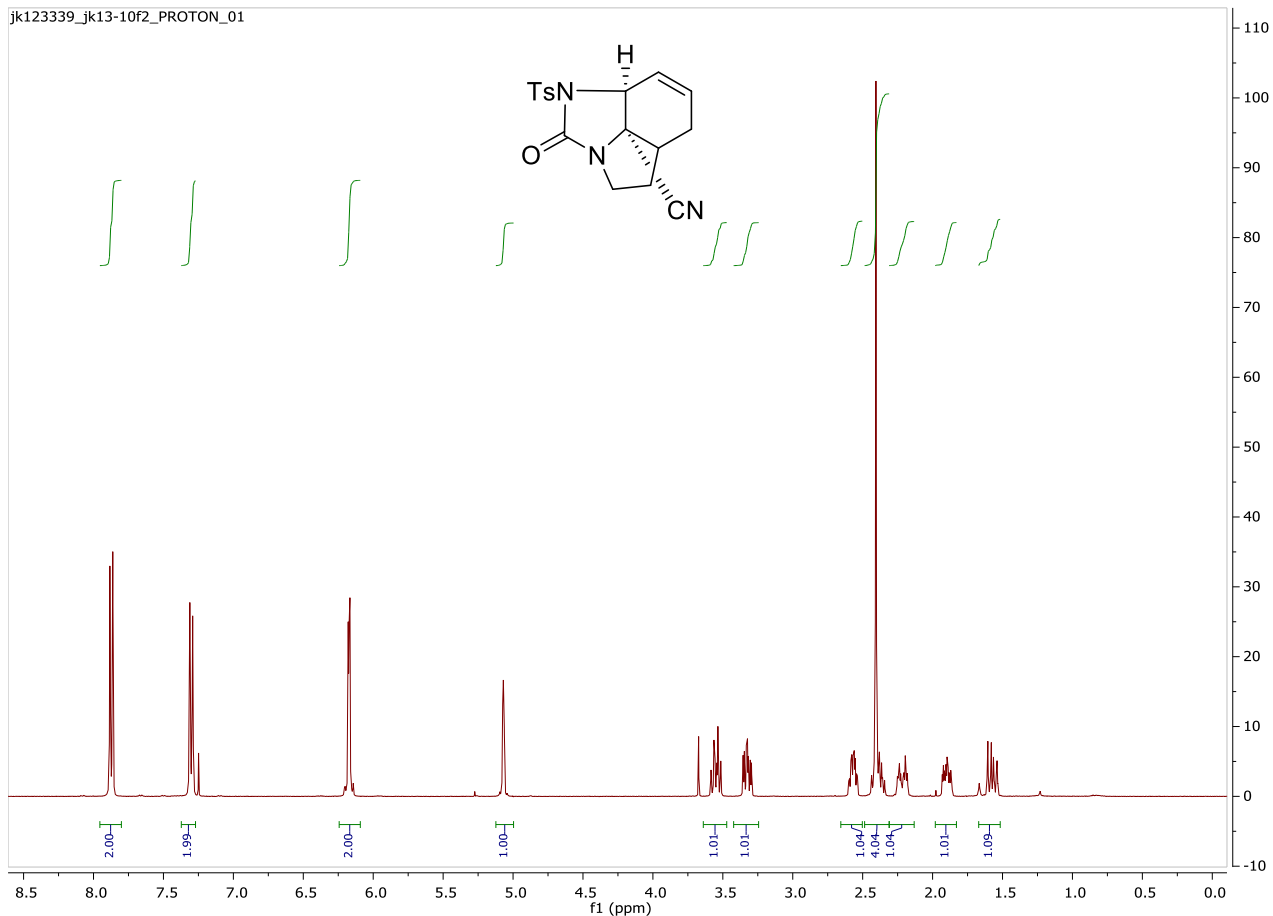


jk19114_jk11-162f2_CARBON_001

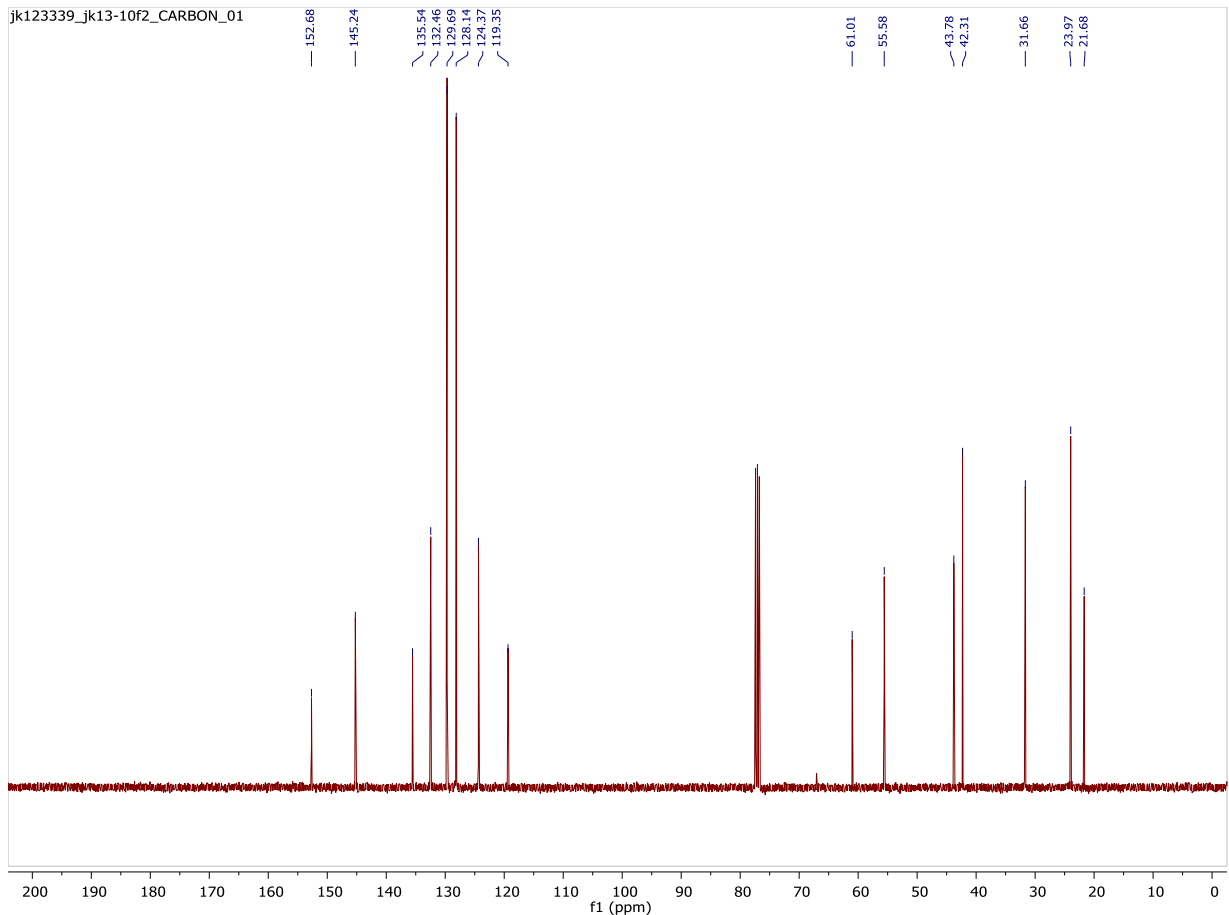


(±)-(3*R*,8*aS*)-2-oxo-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carbonitrile

jk123339_jk13-10f2_PROTON_01

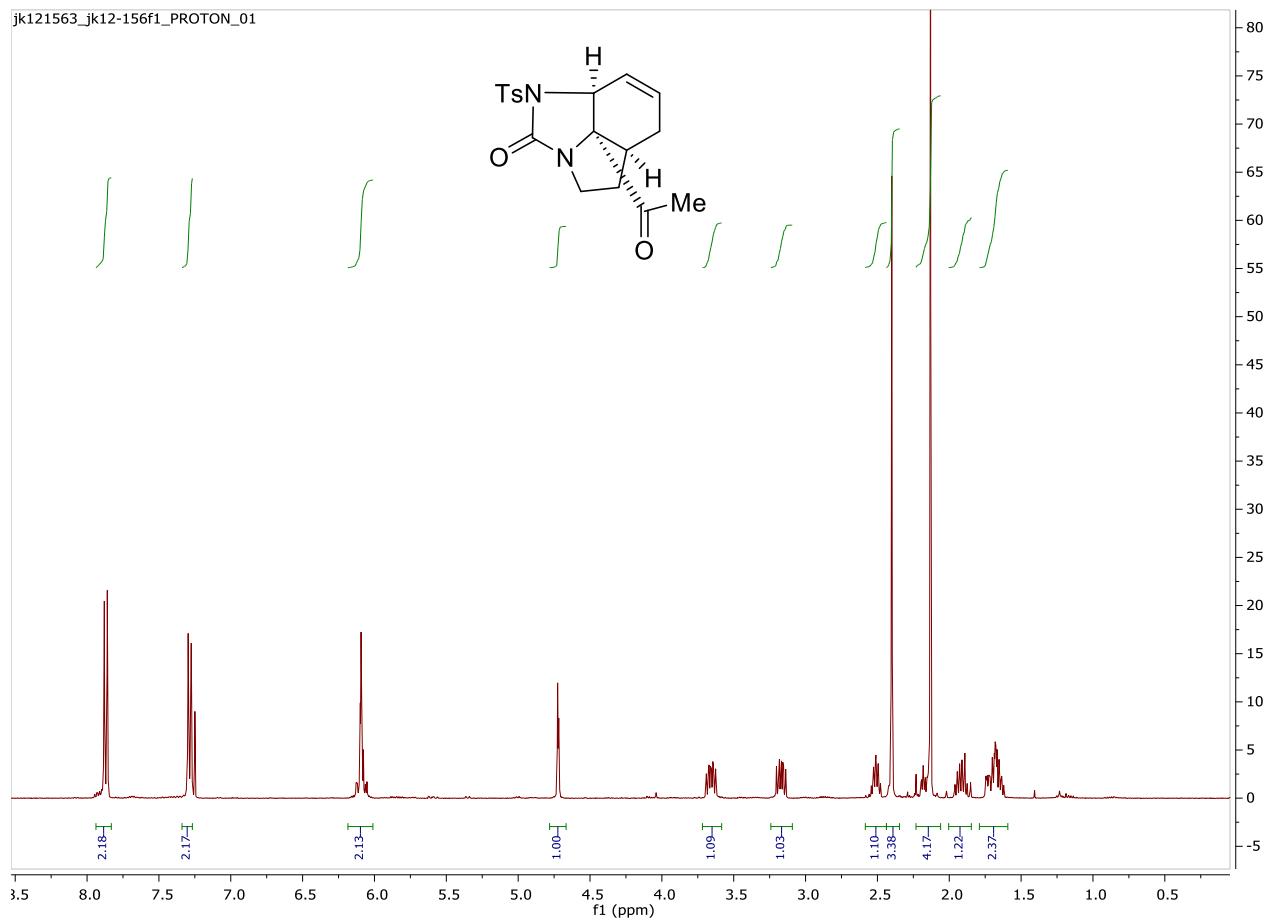


jk123339_jk13-10f2_CARBON_01

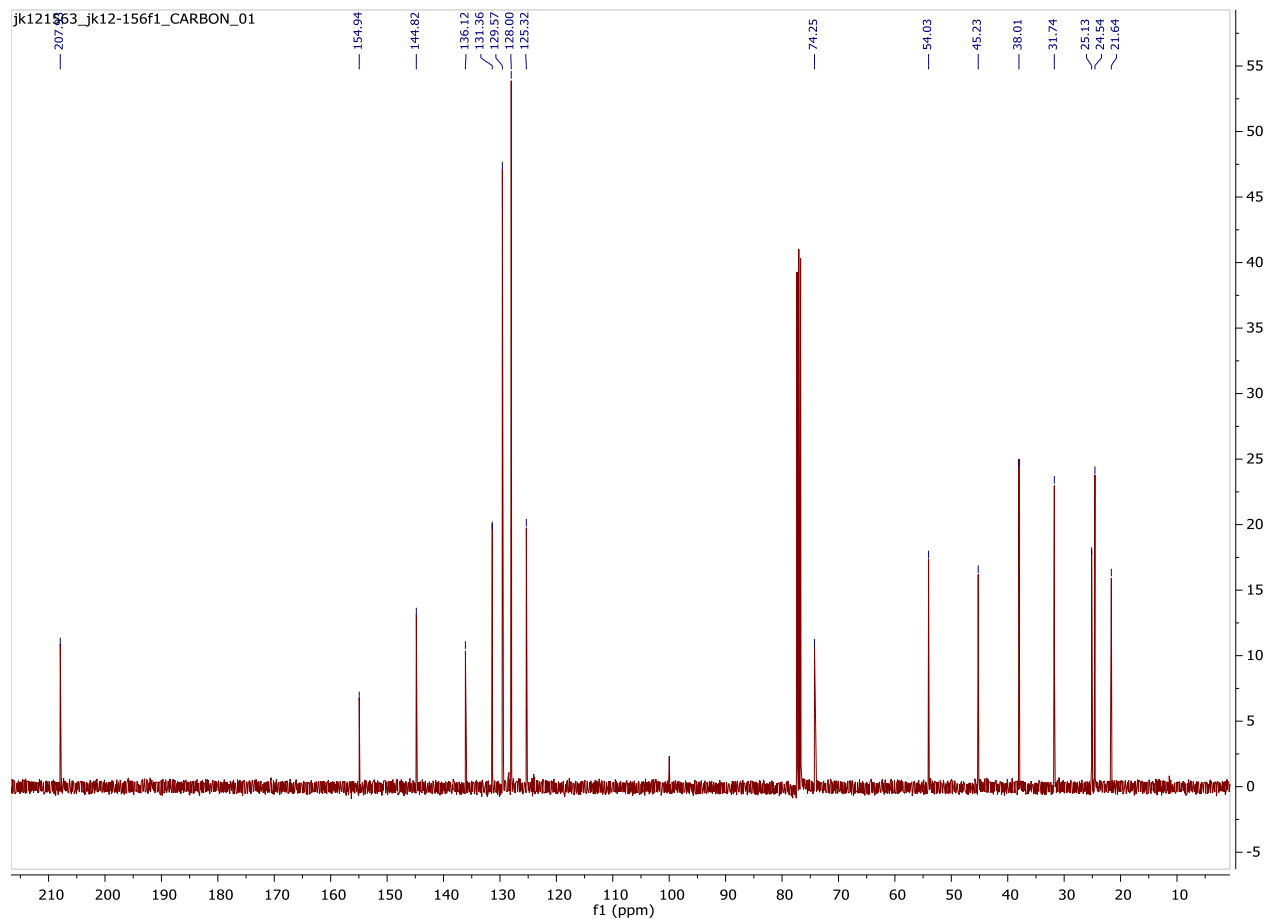


(±)-(3*R*,5*aS*,8*aS*)-31-acetyl-1-tosyl-31,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indol-2(1*H*)-one

jk121563_jk12-156f1_PROTON_01

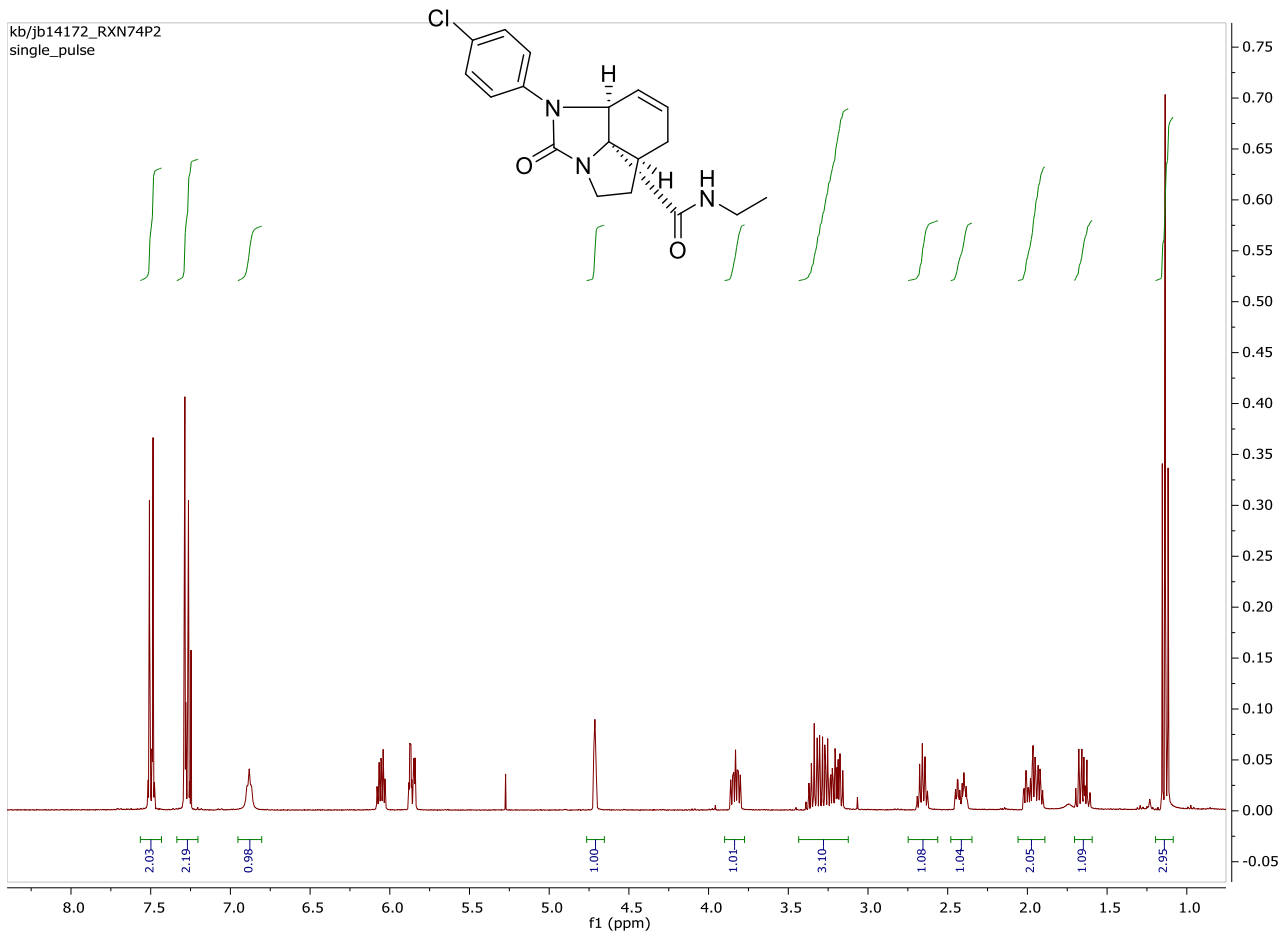


jk121563_jk12-156f1_CARBON_01

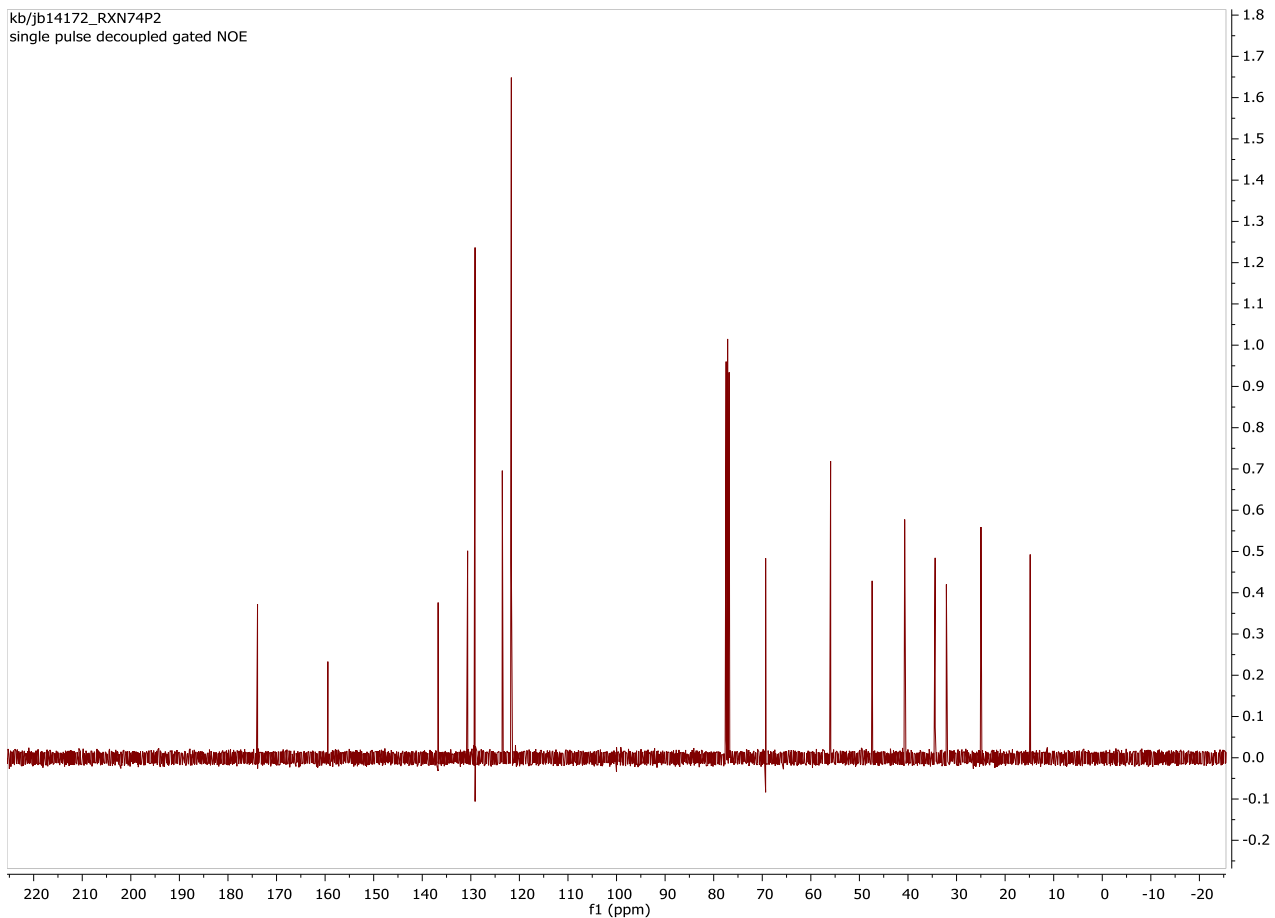


(±)-(3*R*,5*S*,8*aS*)-1-(4-chlorophenyl)-*N*-ethyl-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

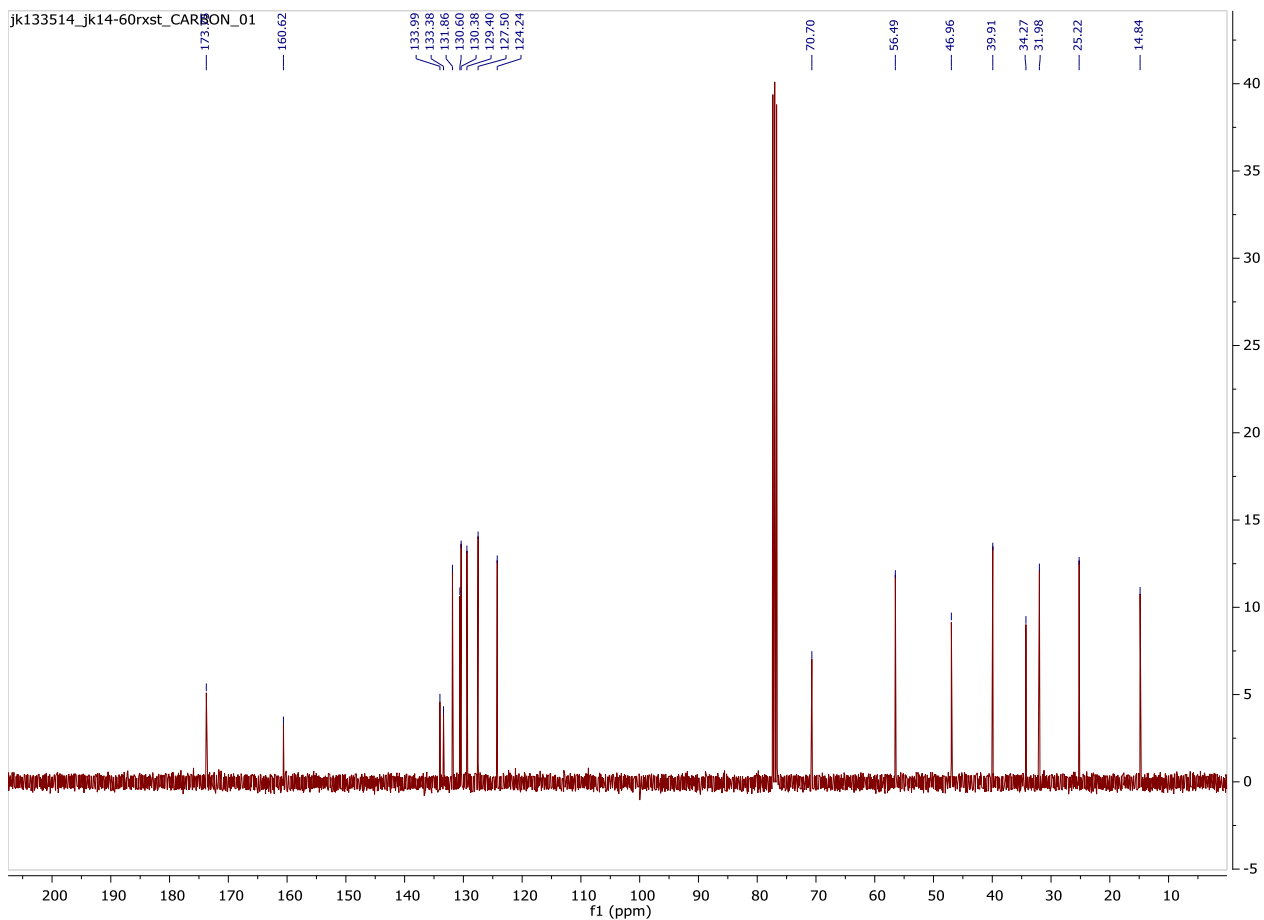
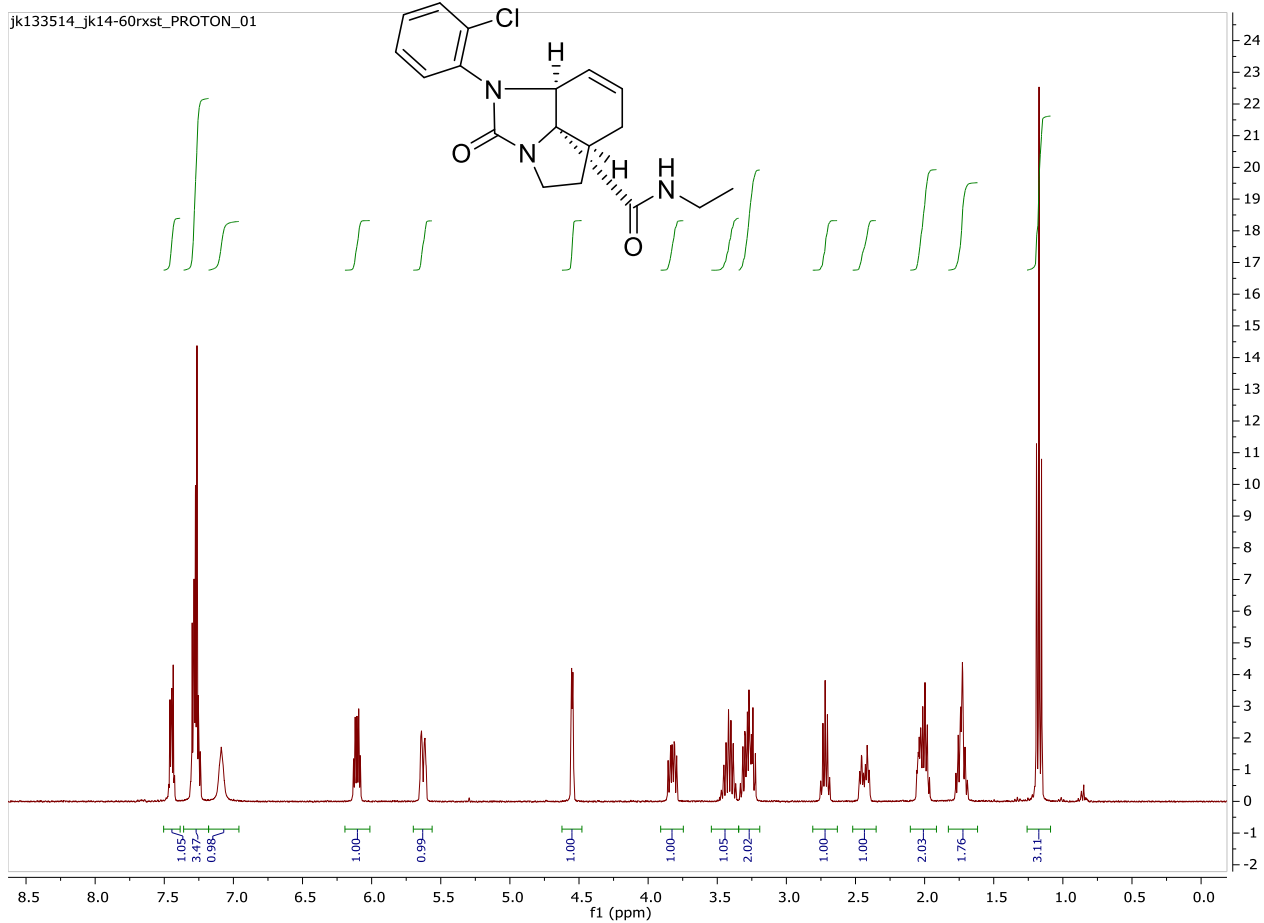
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single_pulse



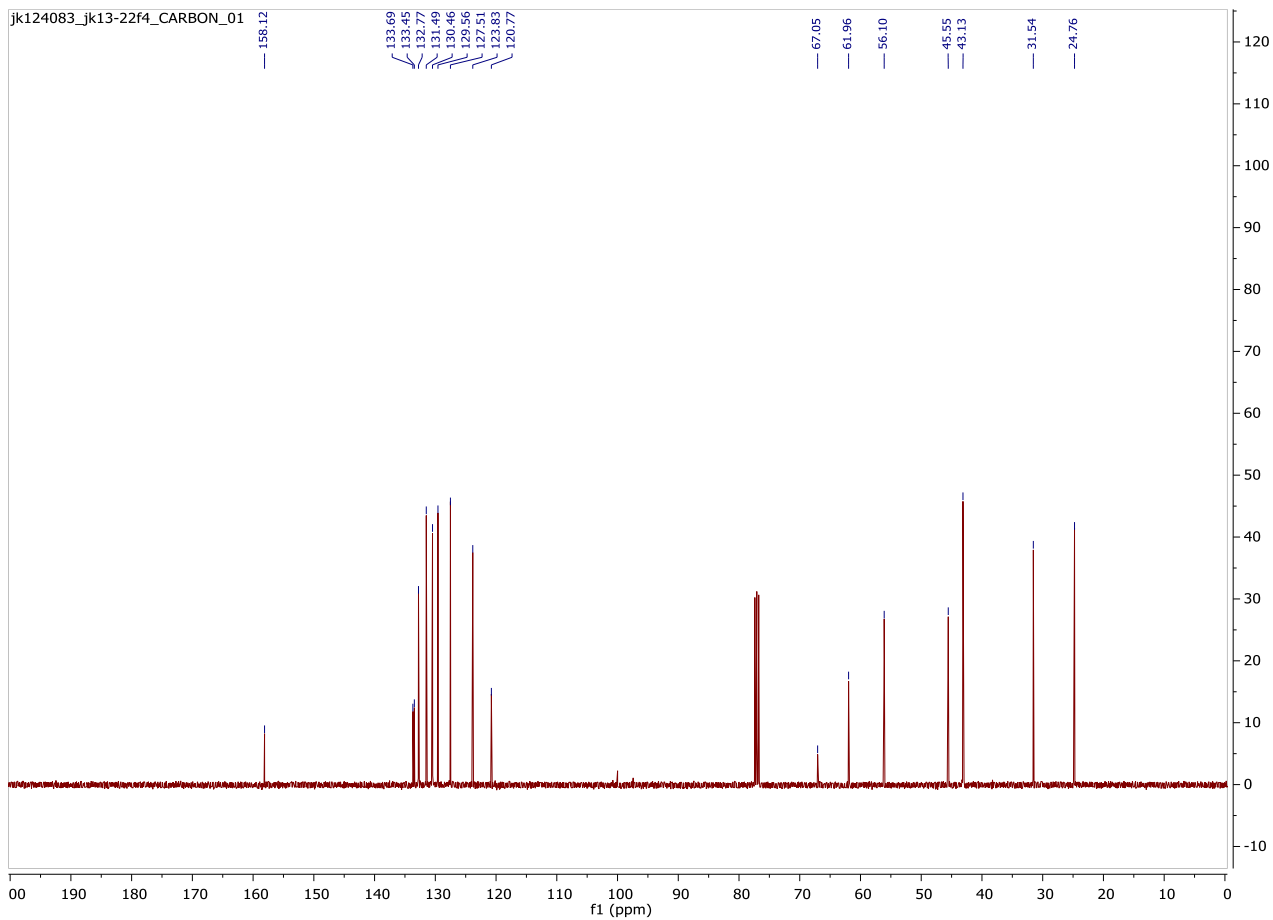
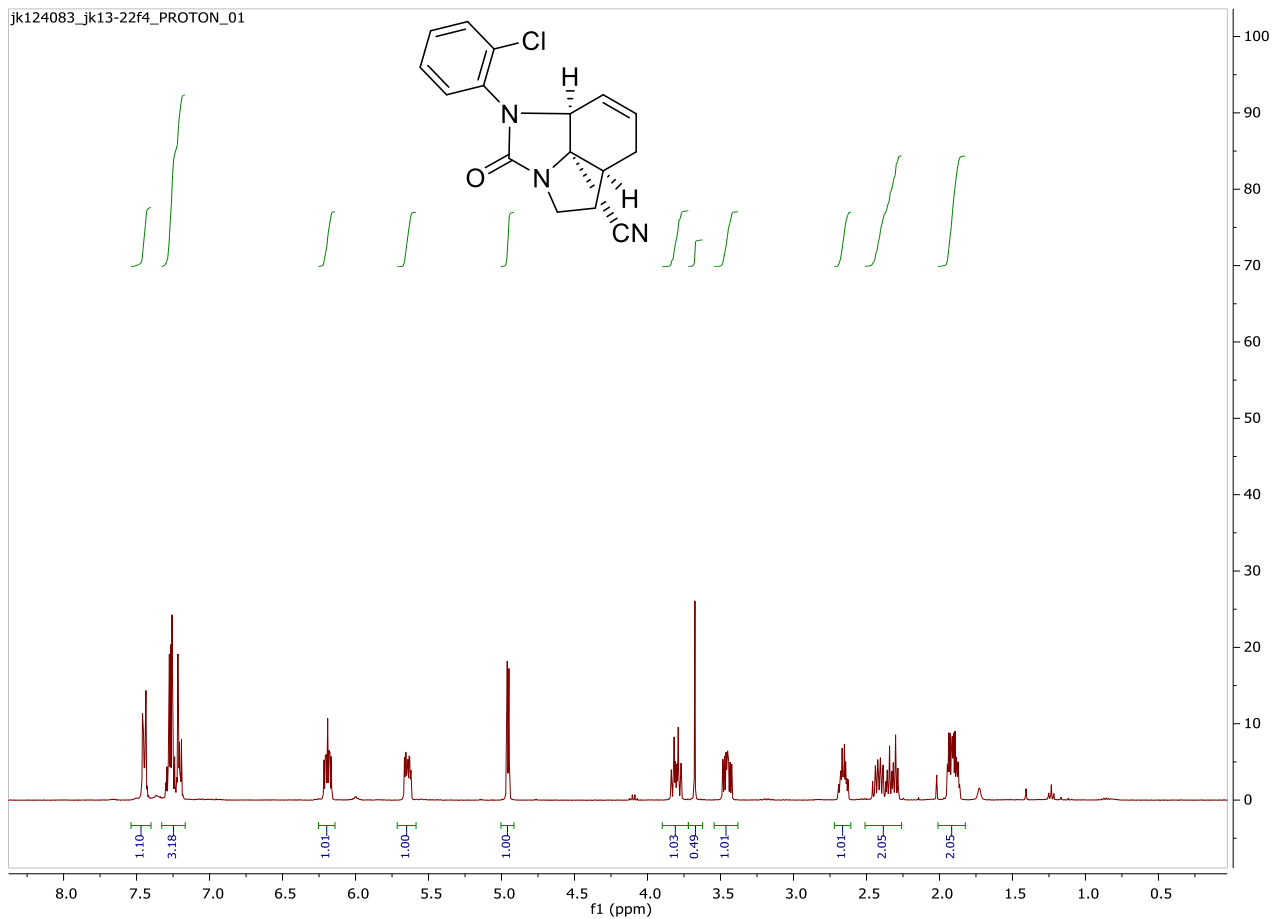
kb/jb14172_RXN74P2
single_pulse decoupled gated NOE



(±)-(3*R*,5*aS*,8*aS*)-1-(2-chlorophenyl)-*N*-ethyl-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

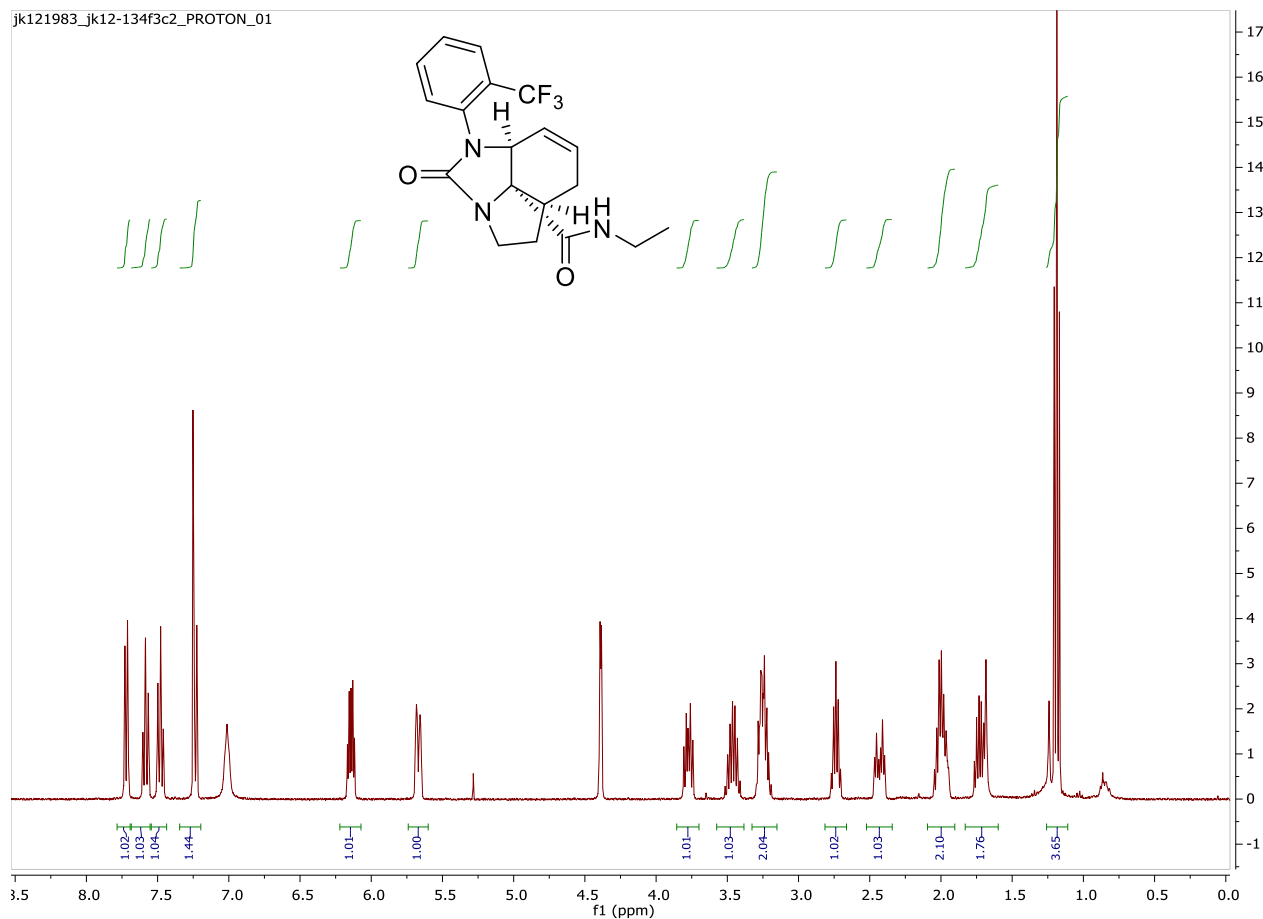


(±)-(3R,5aS,8aS)-1-(2-chlorophenyl)-2-oxo-1,4,5,5a,6,8a-hexahydroimidazo[4,5,1-hi]indole-31(2H)-carbonitrile

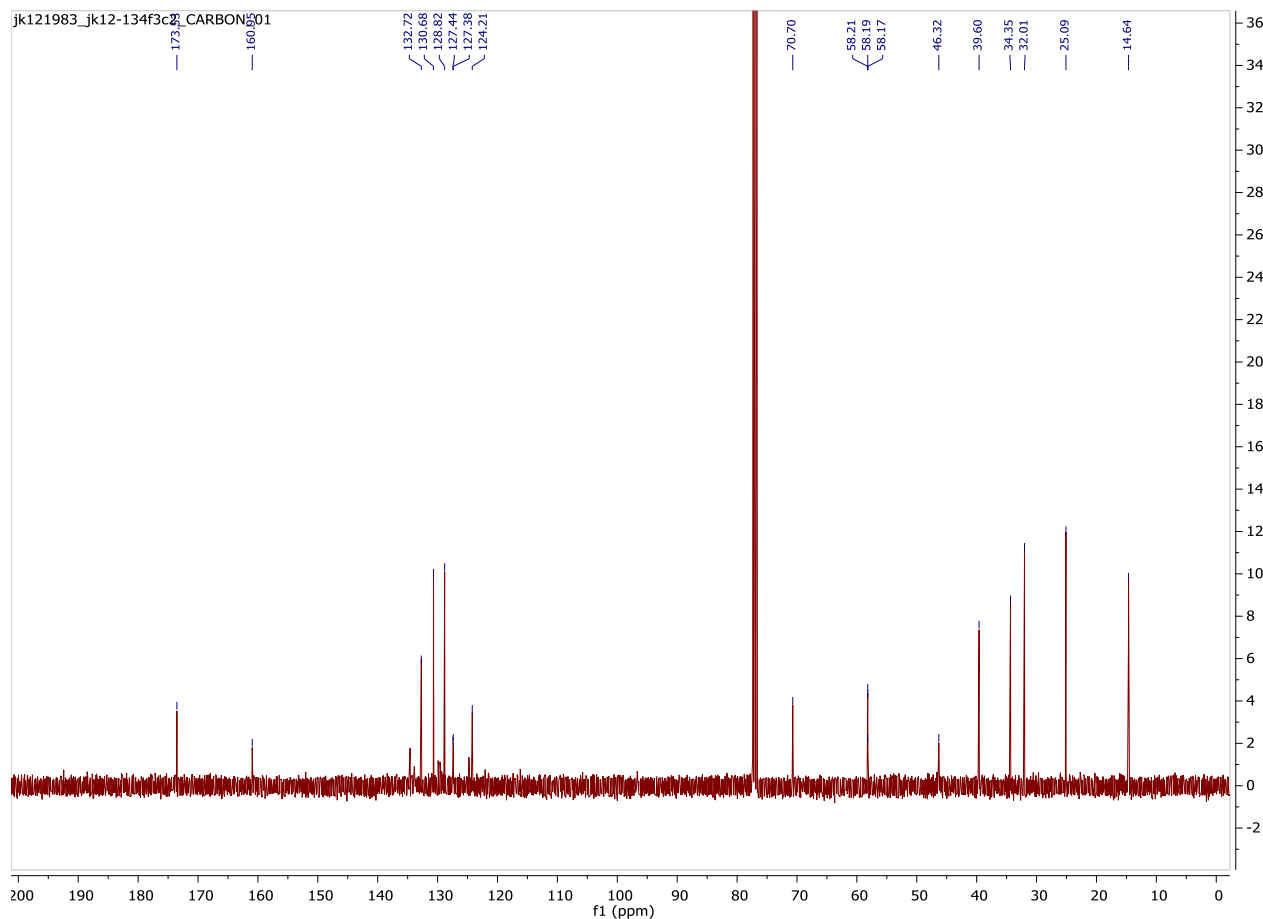


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-2-oxo-1-(2-(trifluoromethyl)phenyl)-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

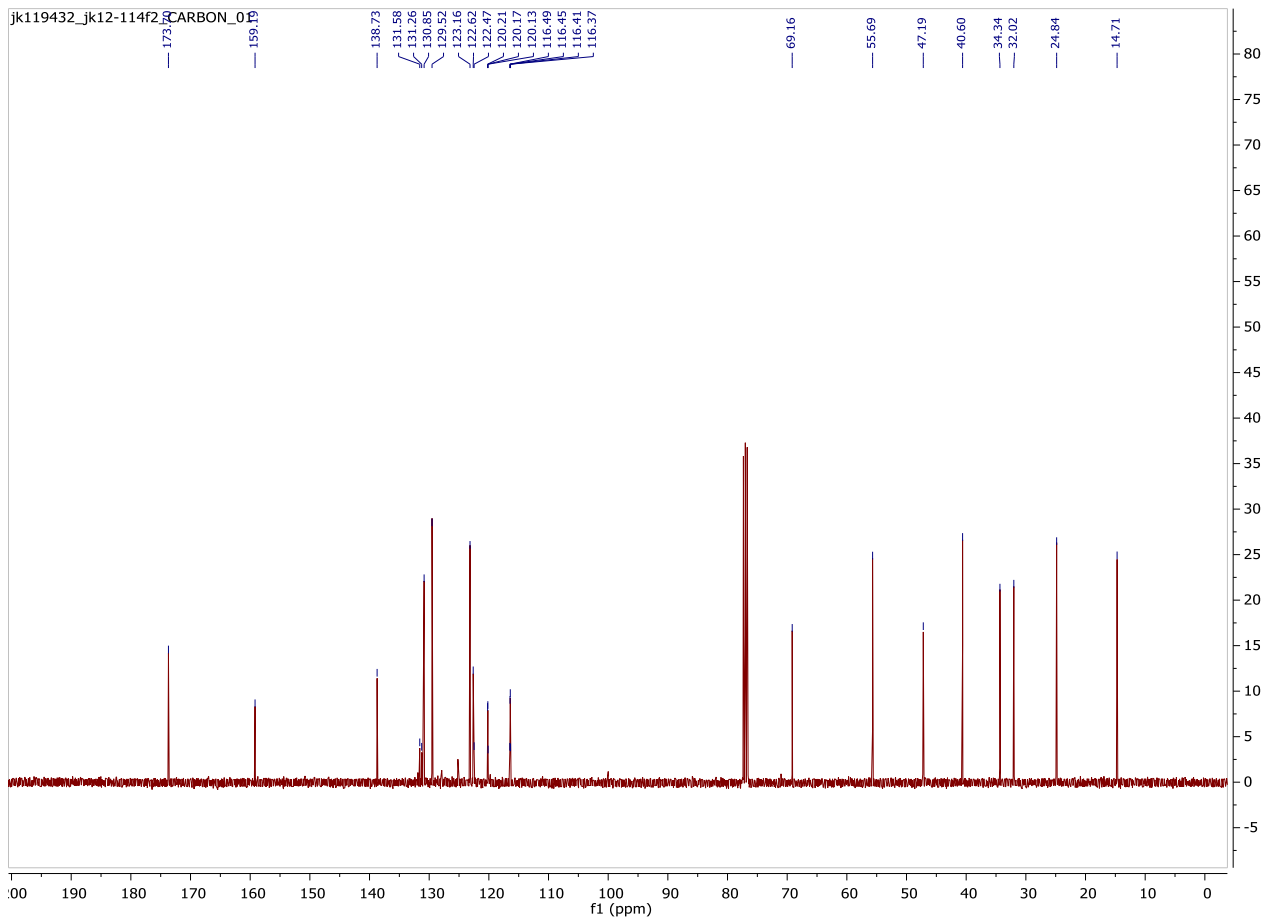
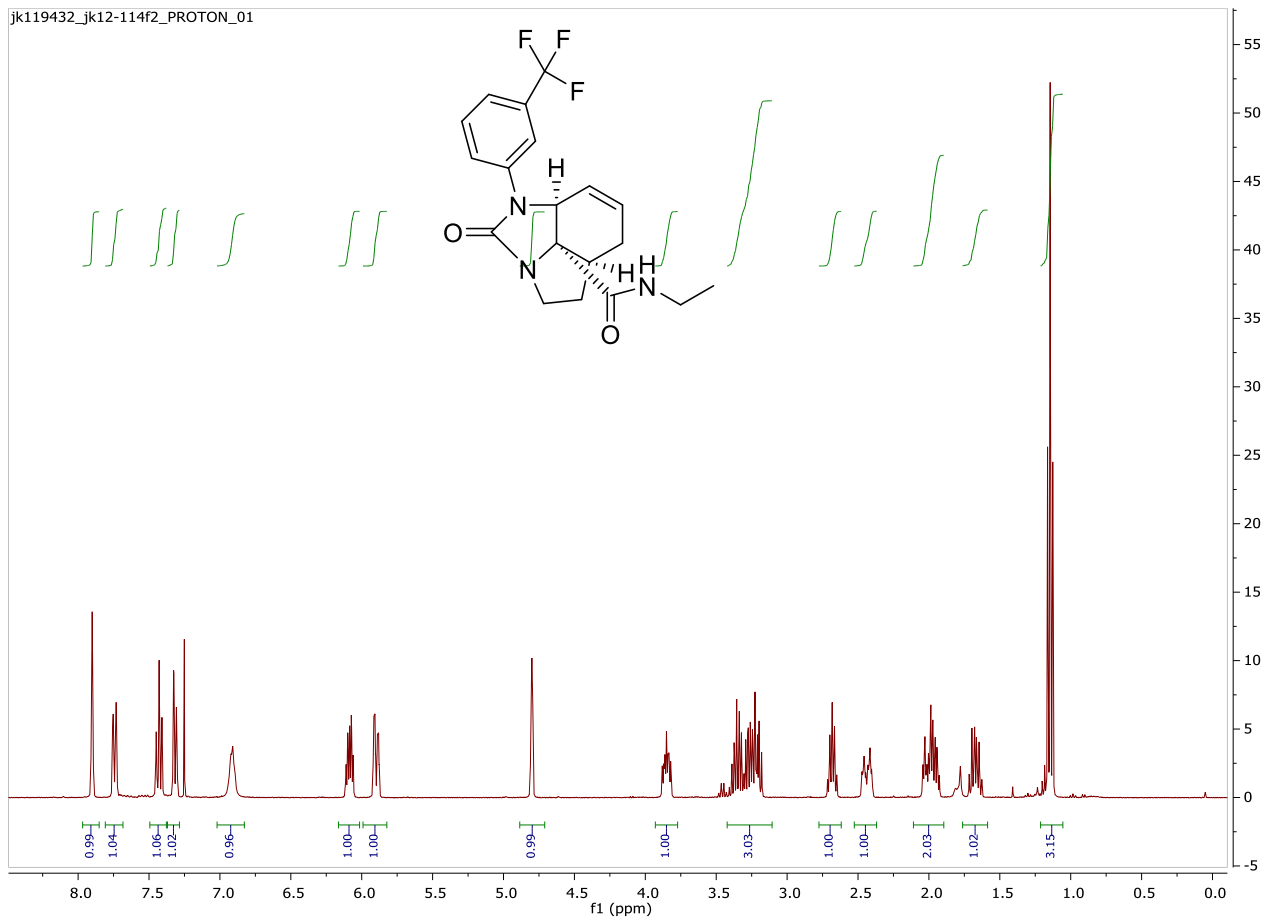
jk121983_jk12-134f3c2_PROTON_01



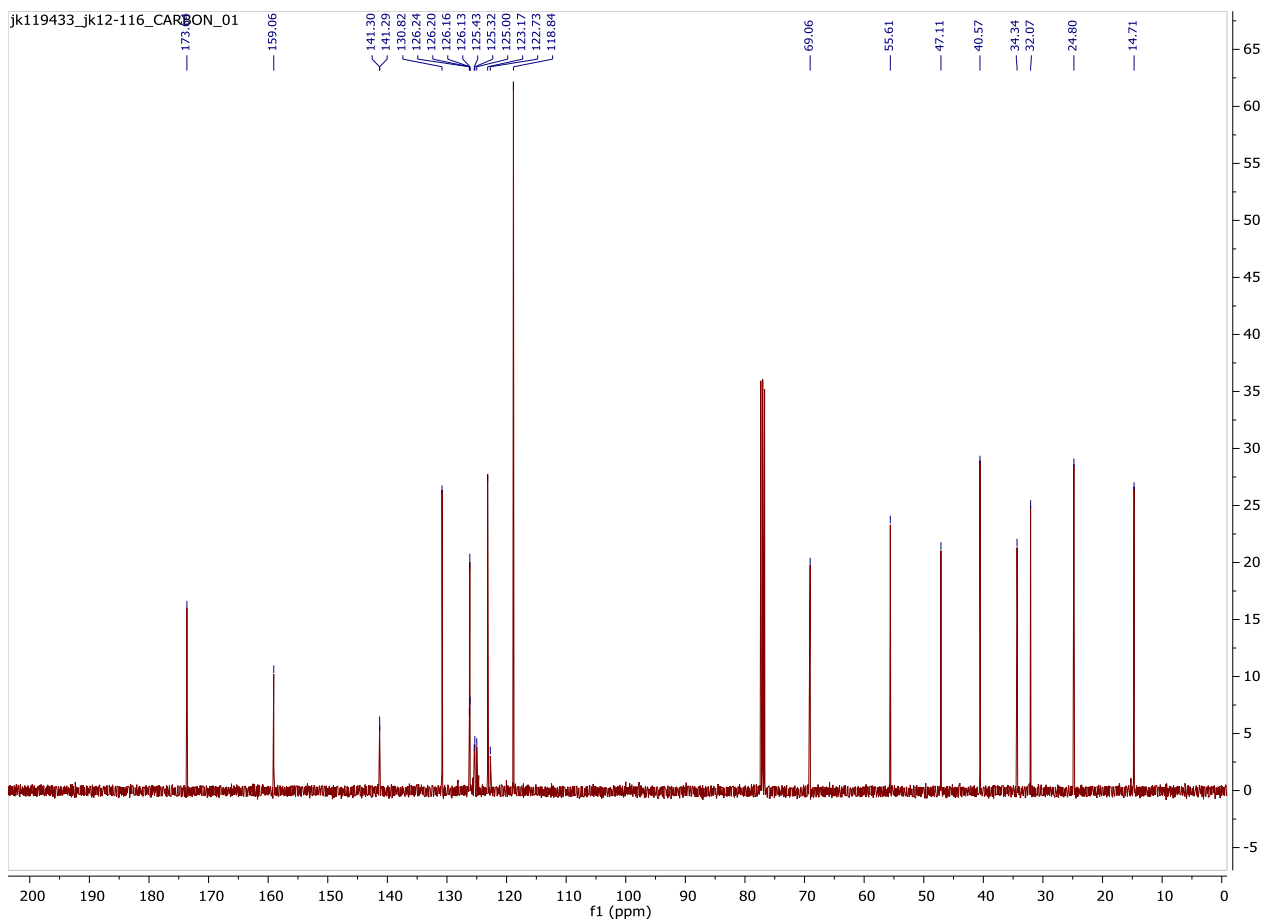
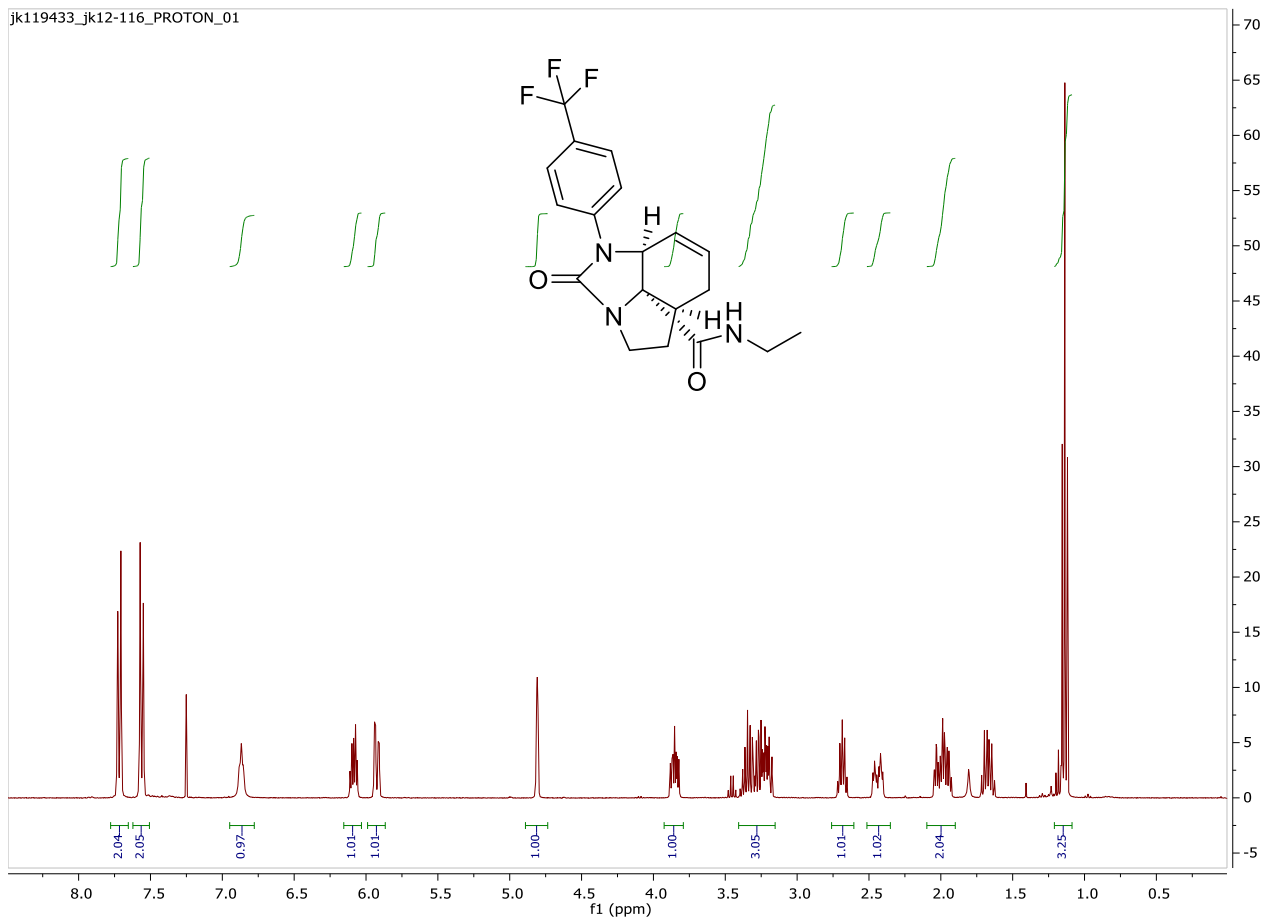
jk121983_jk12-134f3c2 CARBON_01



(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-2-oxo-1-(3-(trifluoromethyl)phenyl)-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

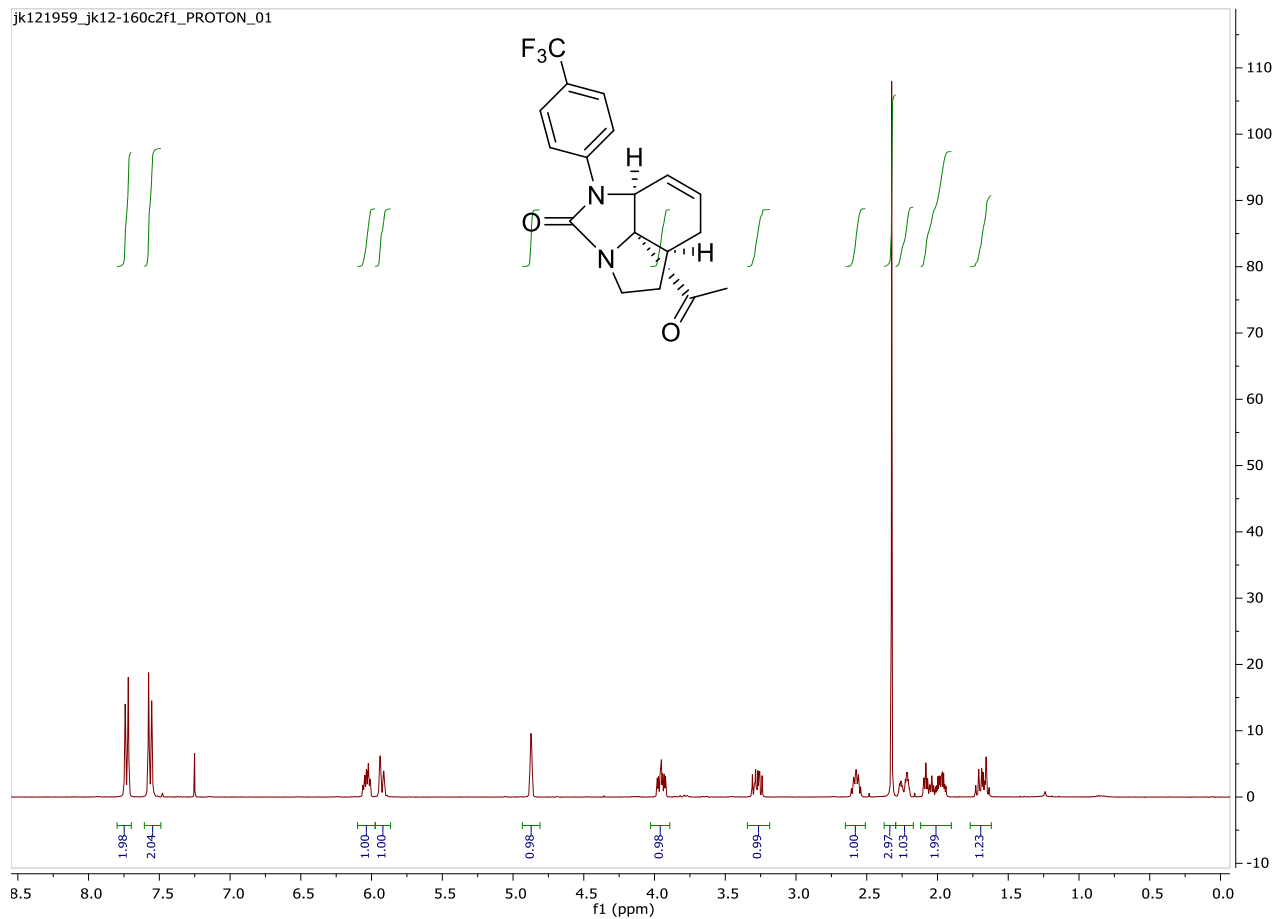


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-2-oxo-1-(4-(trifluoromethyl)phenyl)-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

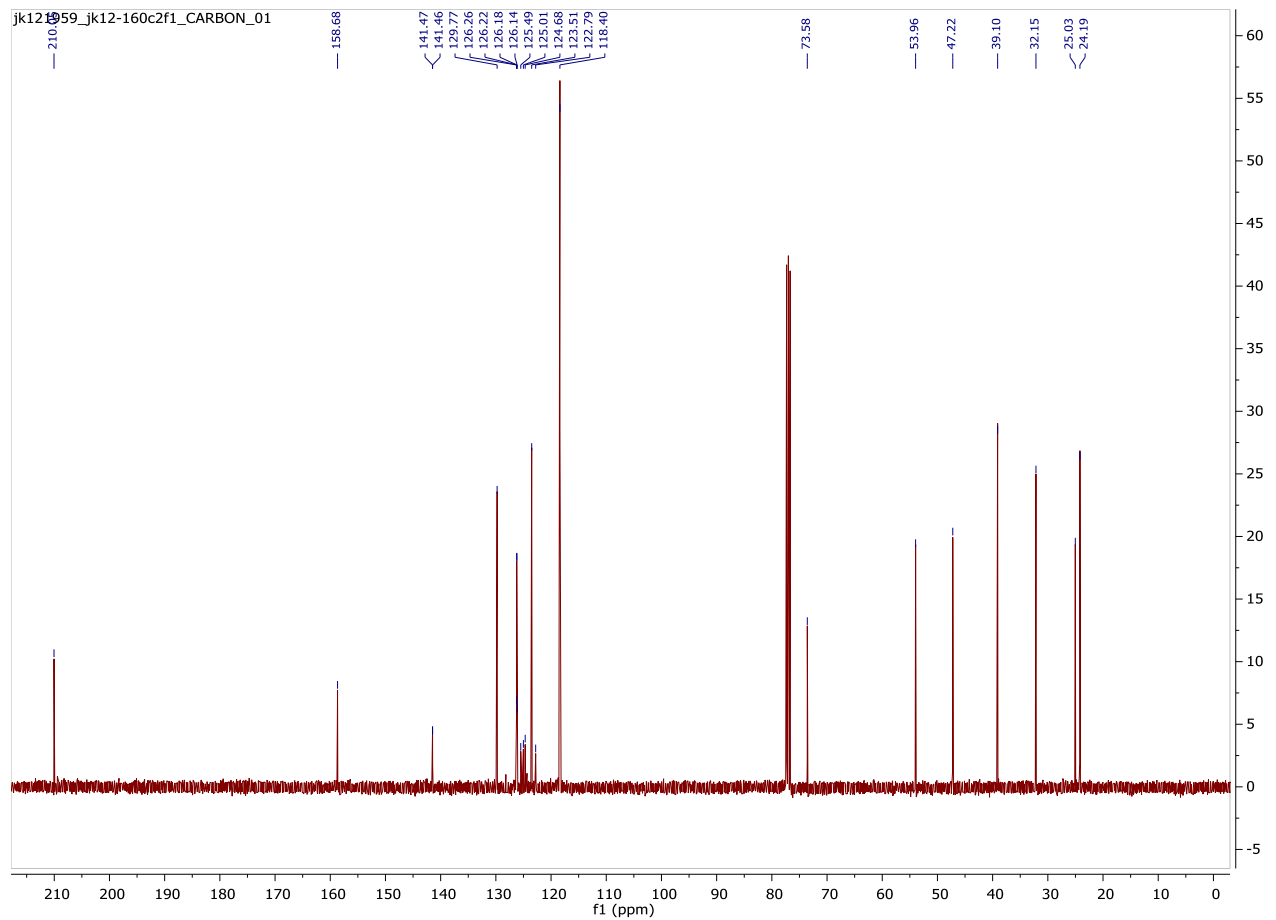


(±)-(3*R*,5*aS*,8*aS*)-31-acetyl-1-(4-(trifluoromethyl)phenyl)-31,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indol-2(1*H*)-one

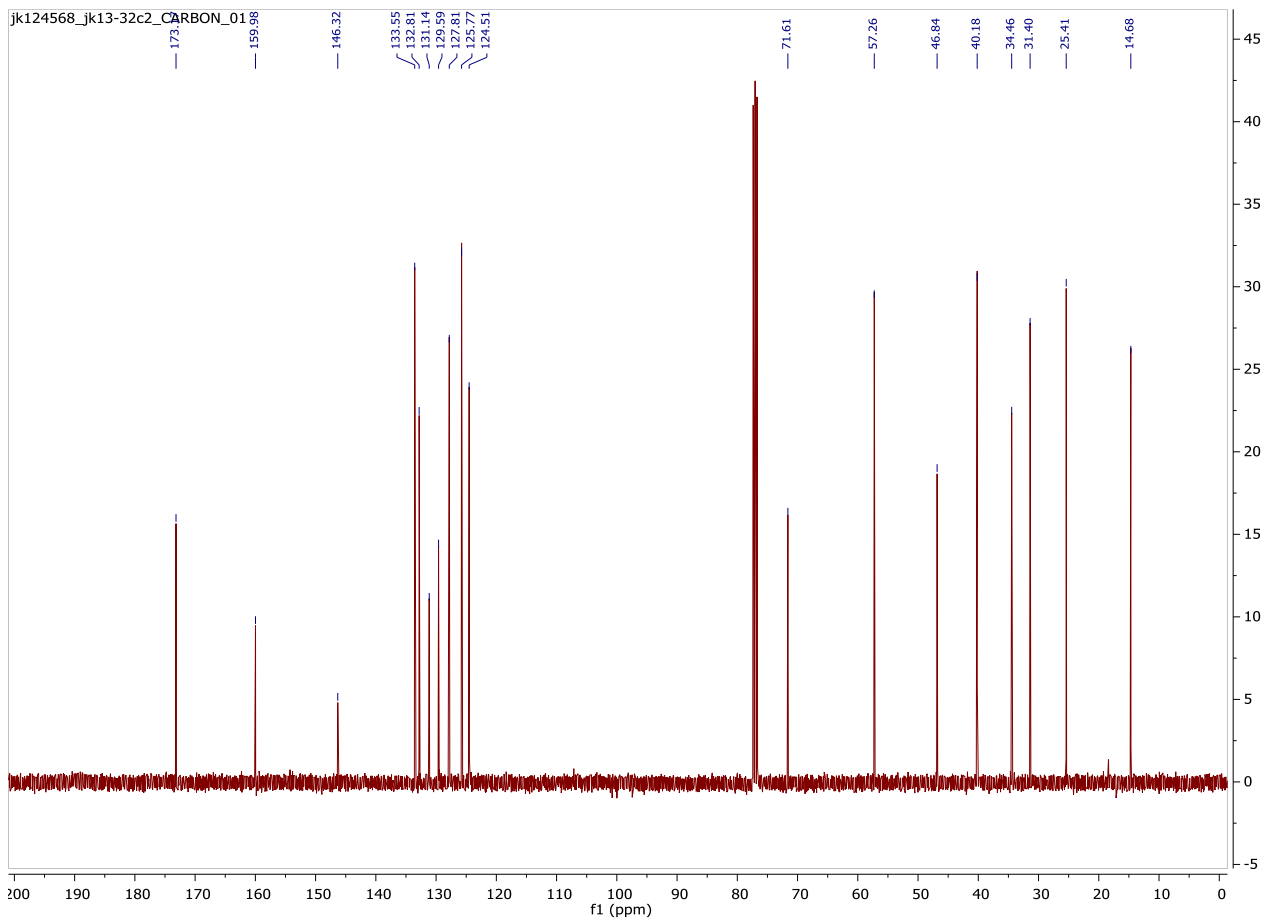
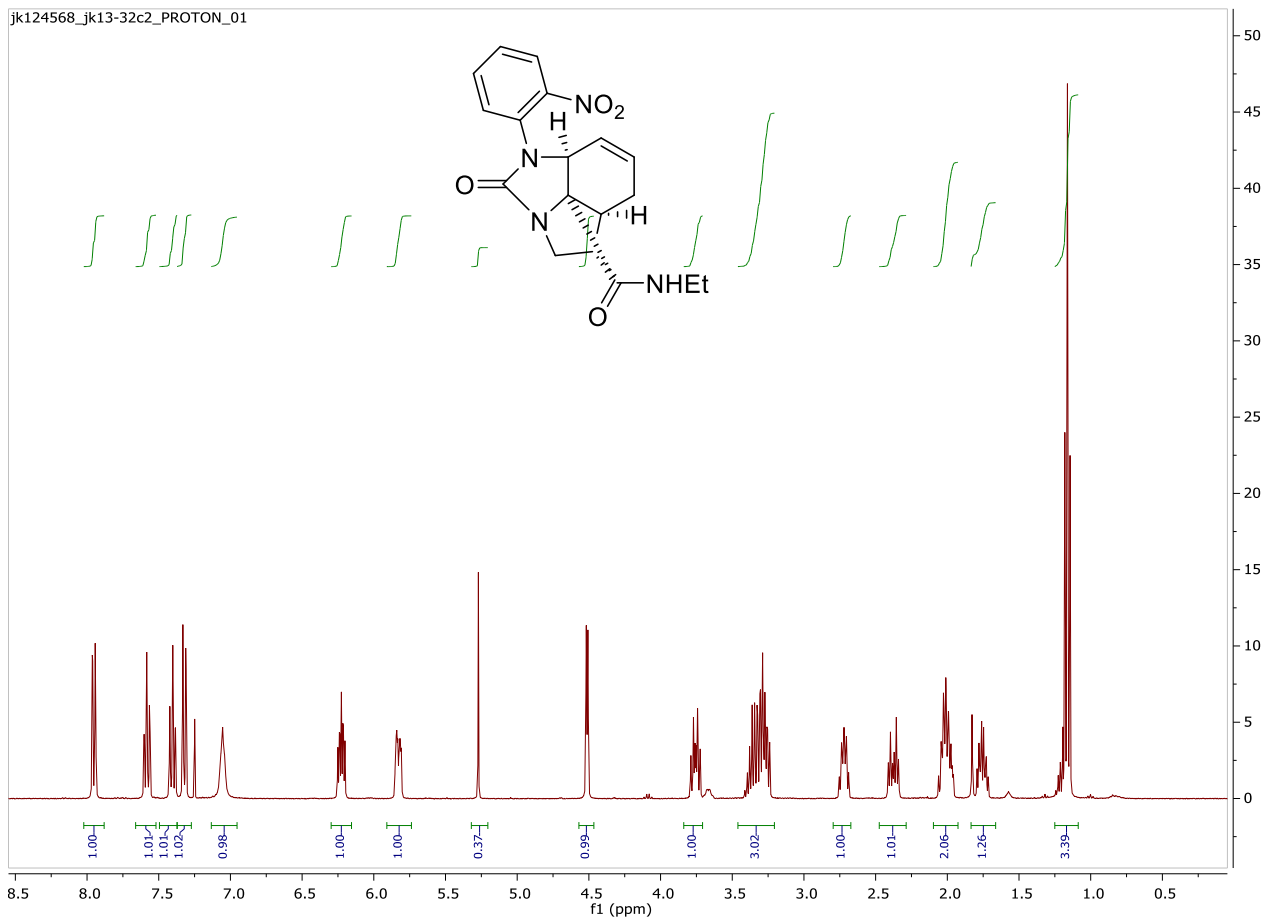
jk121959_jk12-160c2f1_PROTON_01



jk121959_jk12-160c2f1_CARBON_01

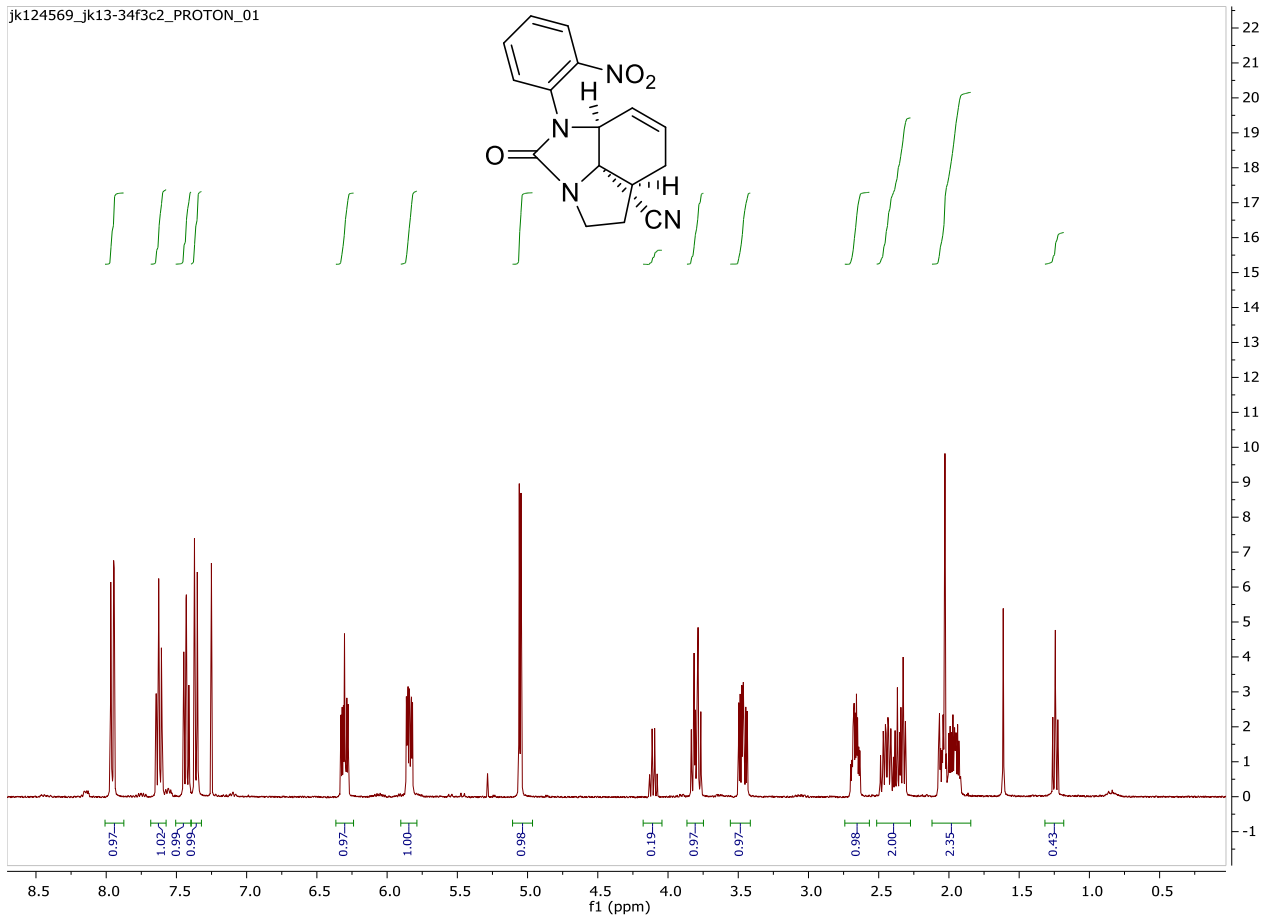


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-2-oxo-1-(2-(nitro)phenyl)-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

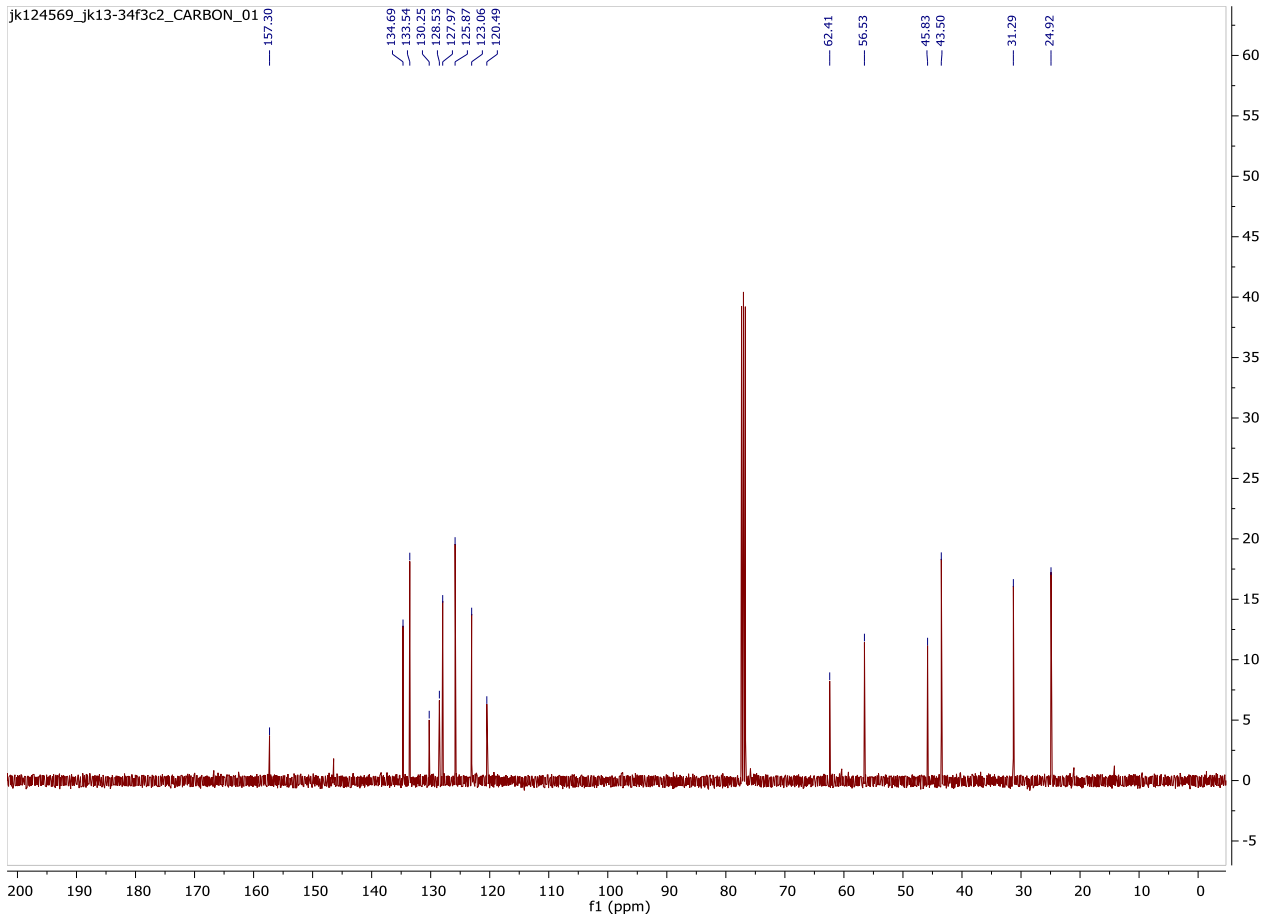


(±)-(3*R*,5*aS*,8*aS*)-1-(2-nitrophenyl)-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*]indole-31(2*H*)-carbonitrile

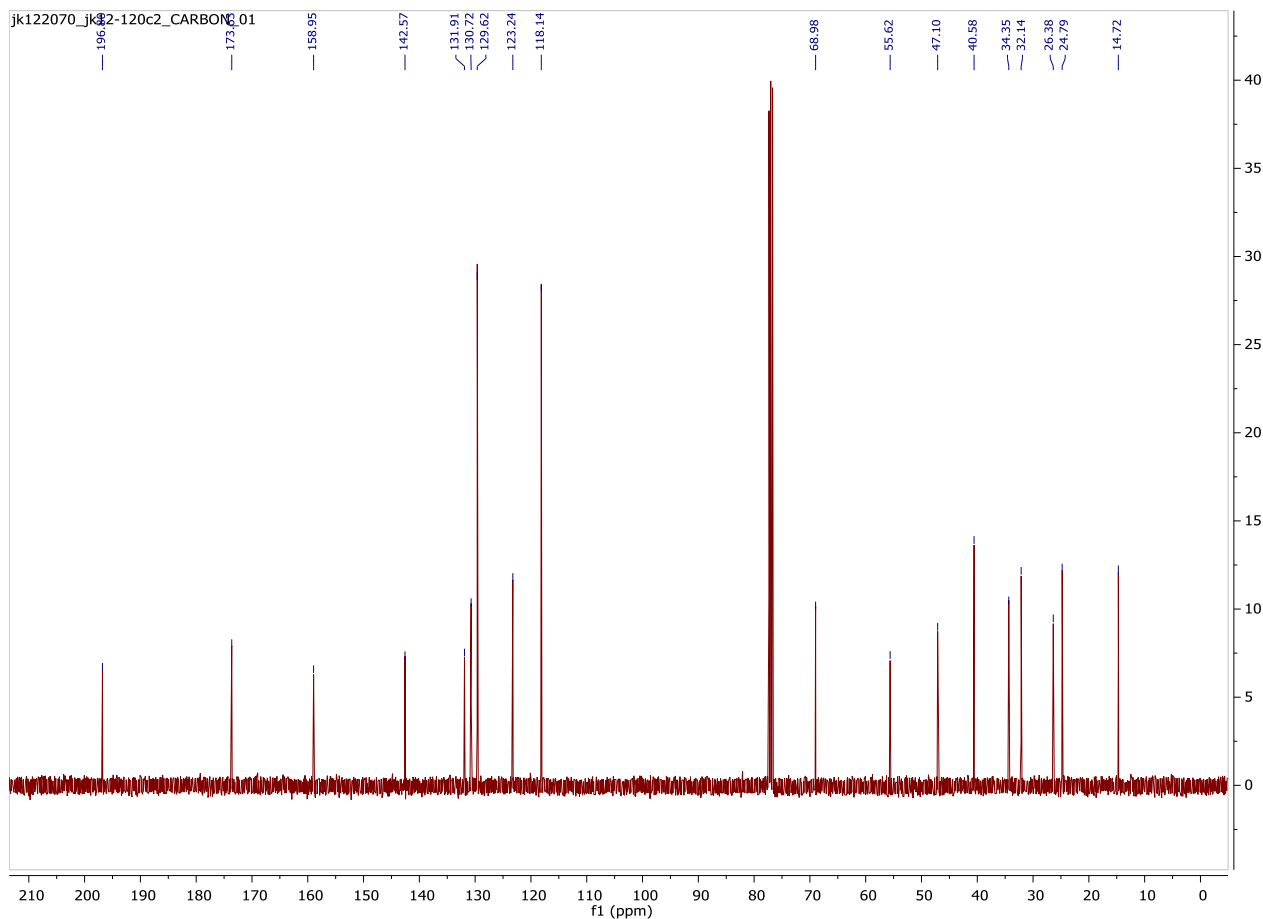
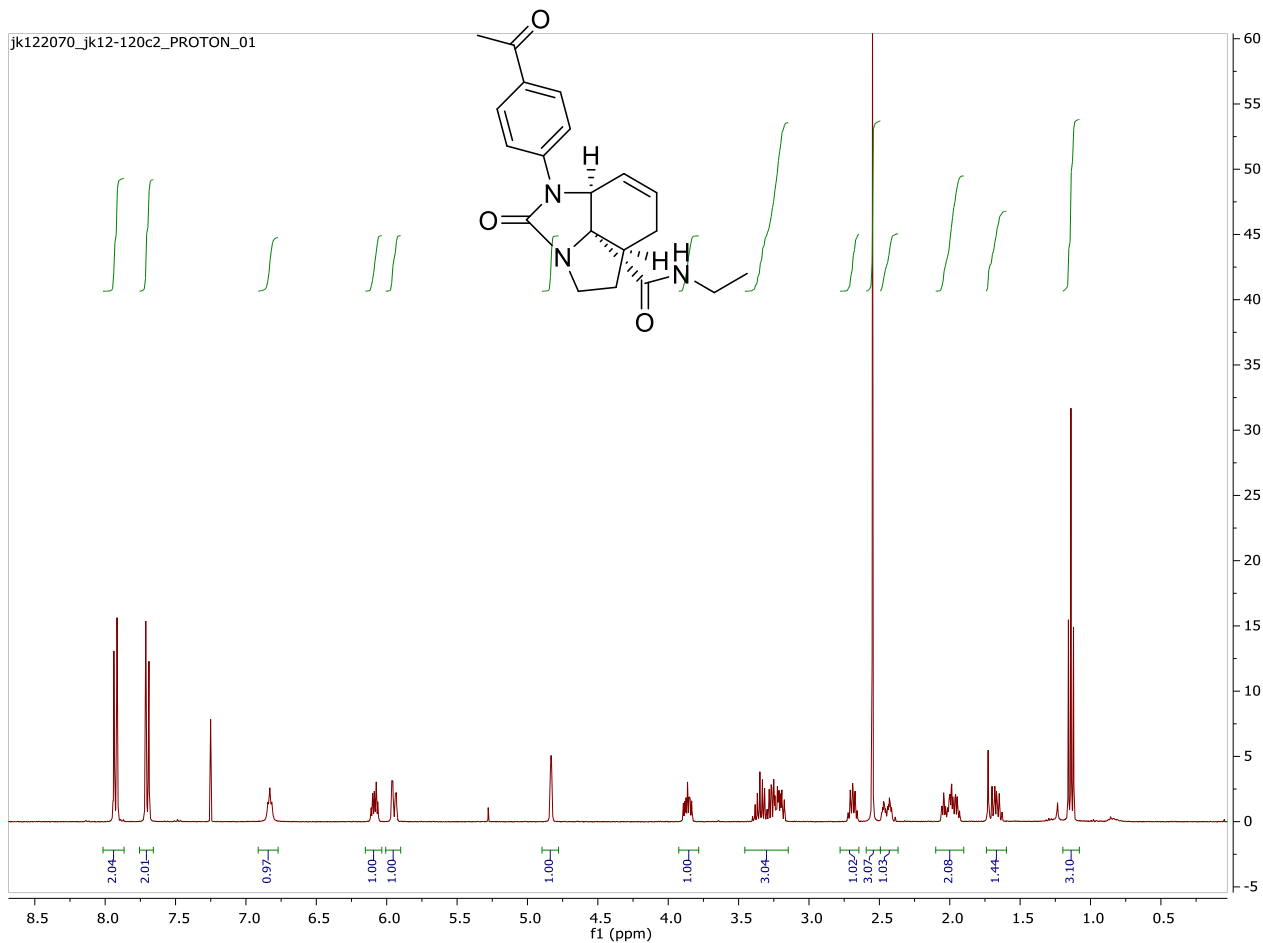
jk124569_jk13-34f3c2_PROTON_01



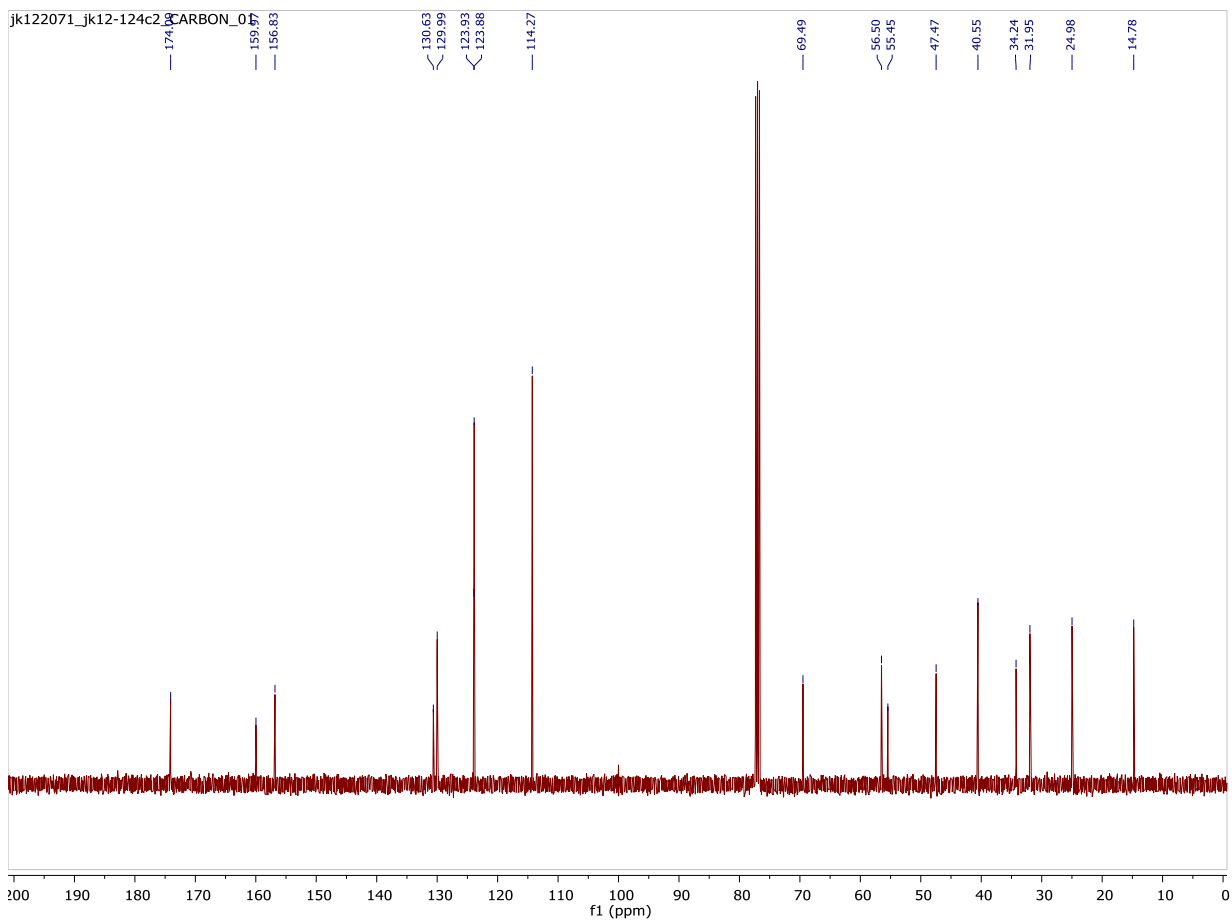
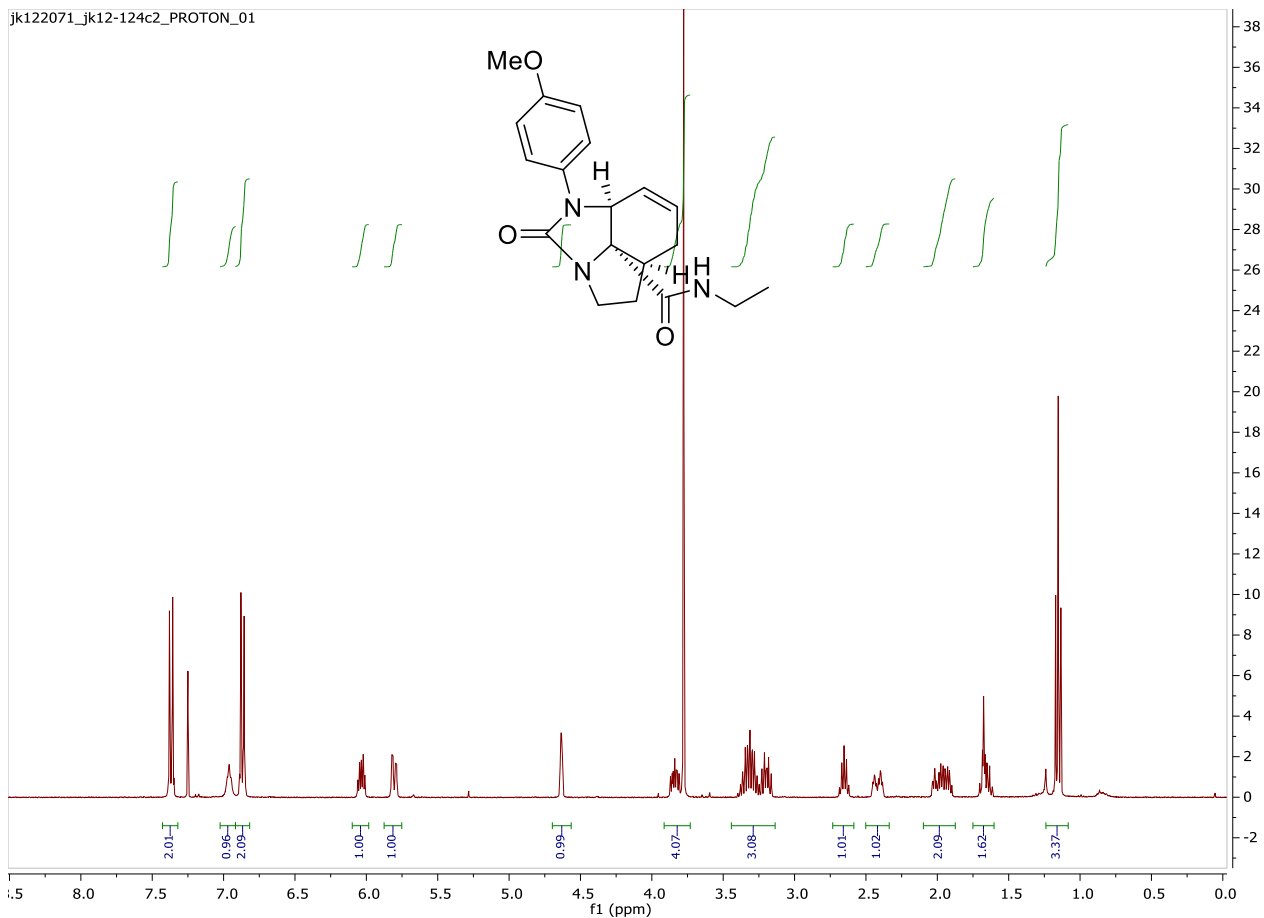
jk124569_jk13-34f3c2_CARBON_01



(±)-(3*R*,5*aS*,8*aS*)-1-(4-acetylphenyl)-*N*-ethyl-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

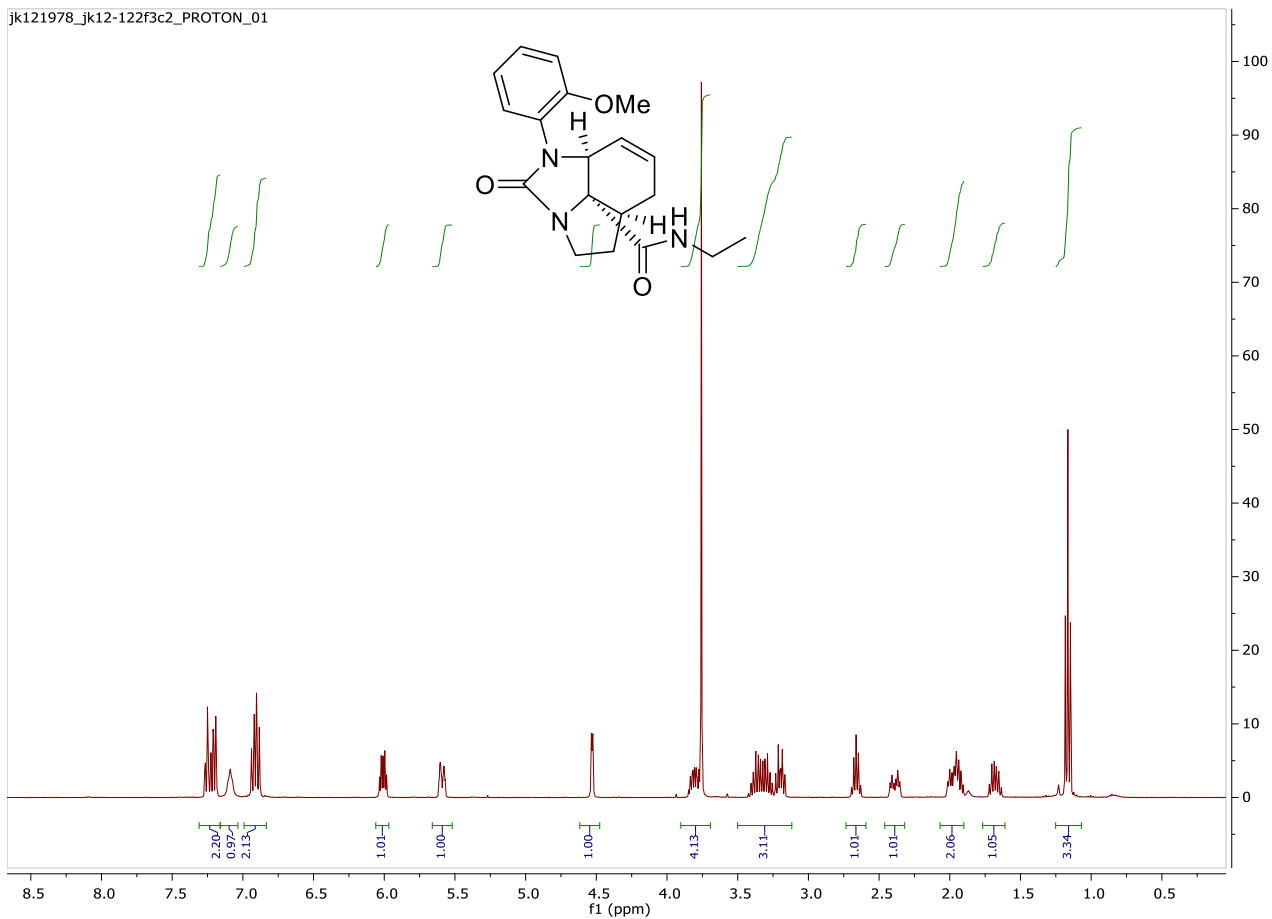


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-1-(4-methoxyphenyl)-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

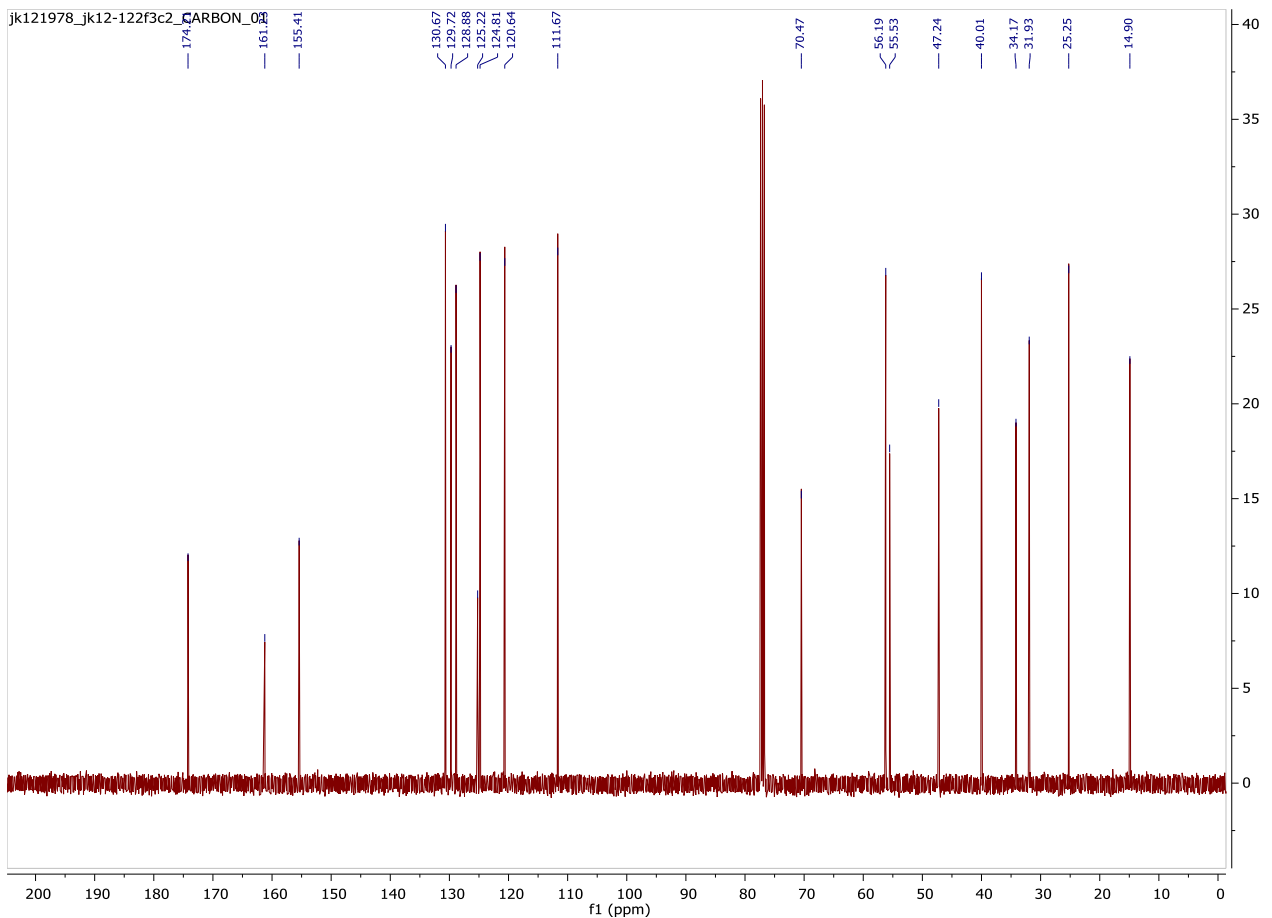


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-1-(2-methoxyphenyl)-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

jk121978_jk12-122f3c2_PROTON_01

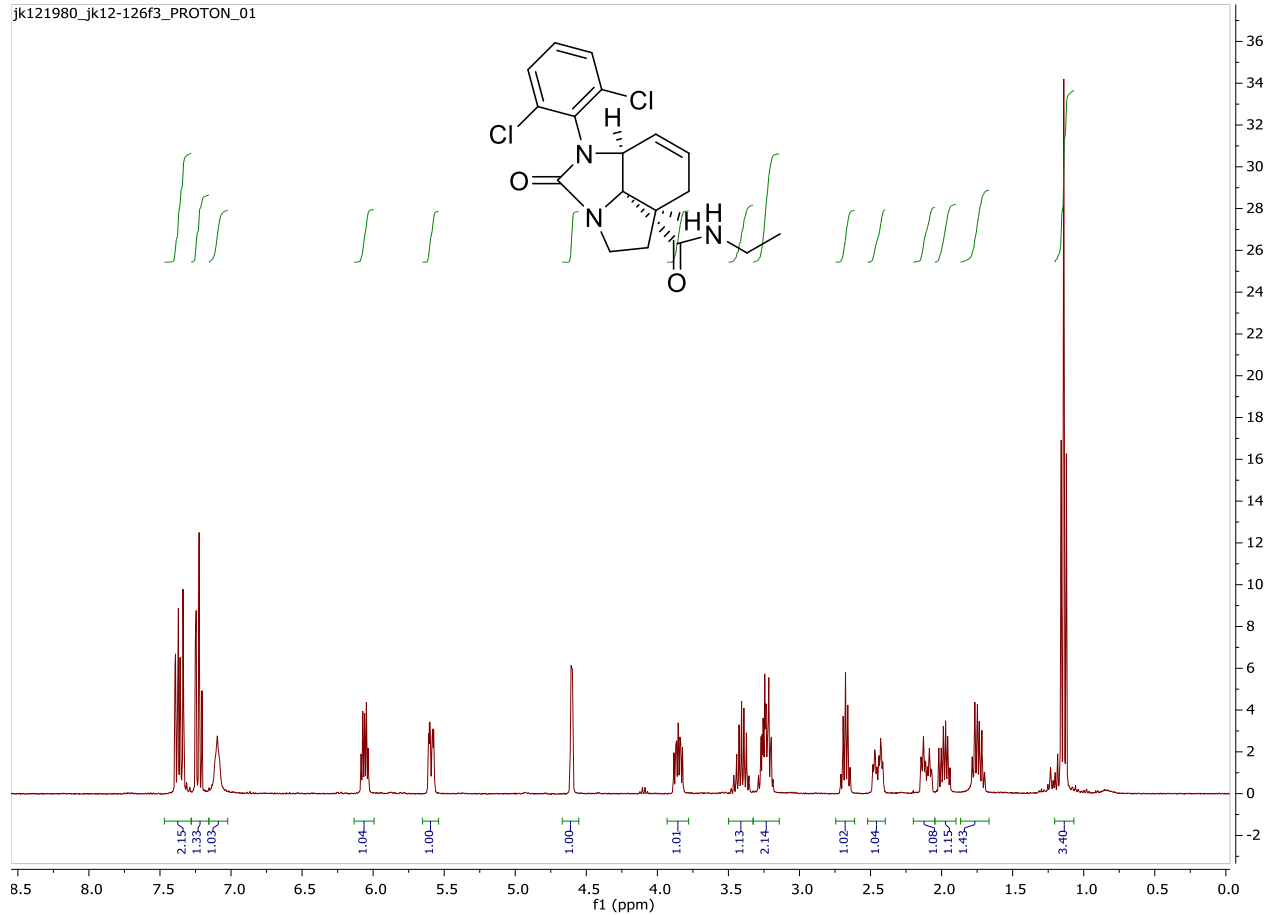


jk121978_jk12-122f3c2_CARBON_01

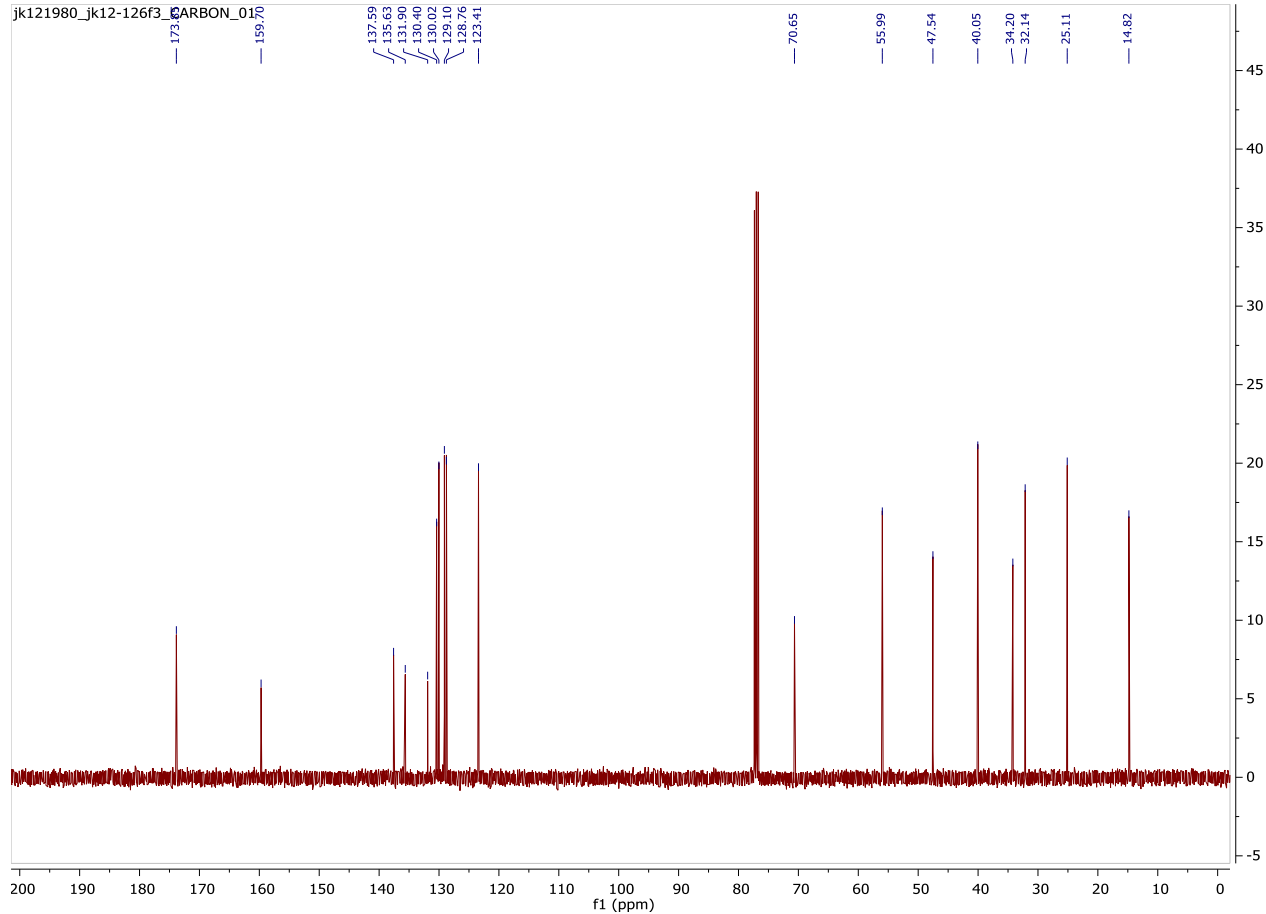


(±)-(3*R*,5*aS*,8*aS*)-1-(2,6-dichlorophenyl)-*N*-ethyl-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

jk121980_jk12-126f3_PROTON_01

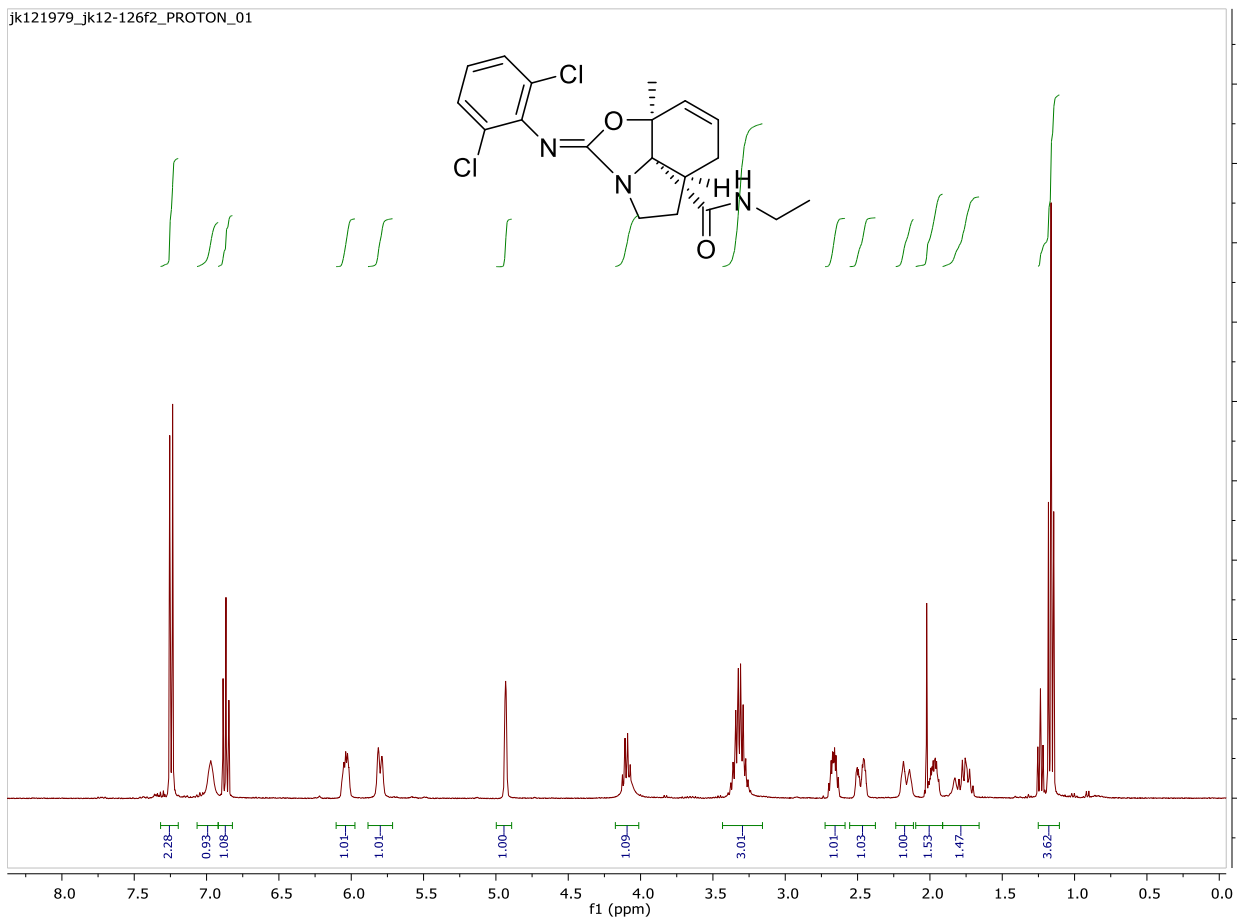


jk121980_jk12-126f3 CARBON_01

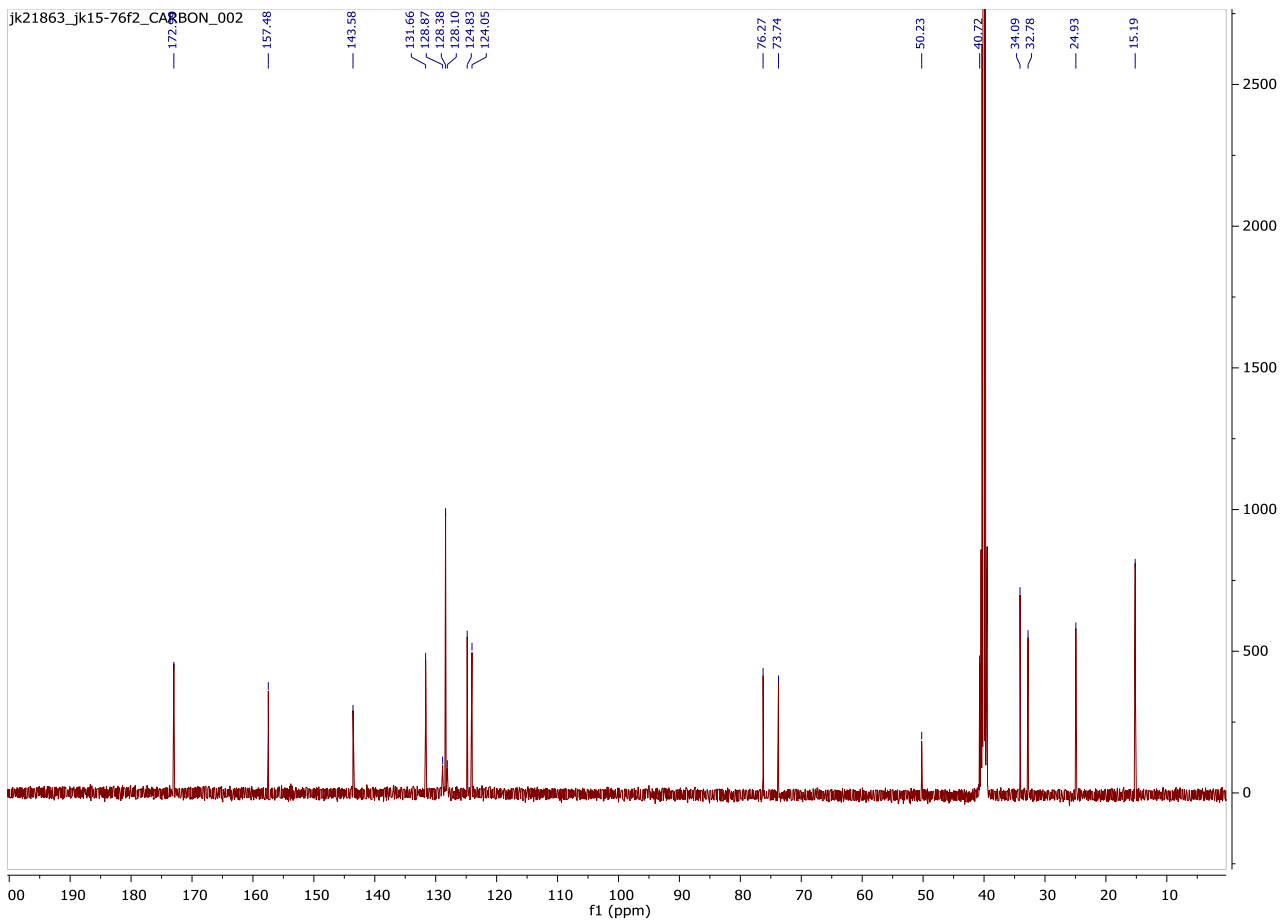


(±)-(3*R*,5*aS*,8*a**S*,*Z*)-2-((2,6-dichlorophenyl)imino)-*N*-ethyl-8*a*-methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indole-31(4*H*)-carboxamide**

jk121979_jk12-126f2_PROTON_01

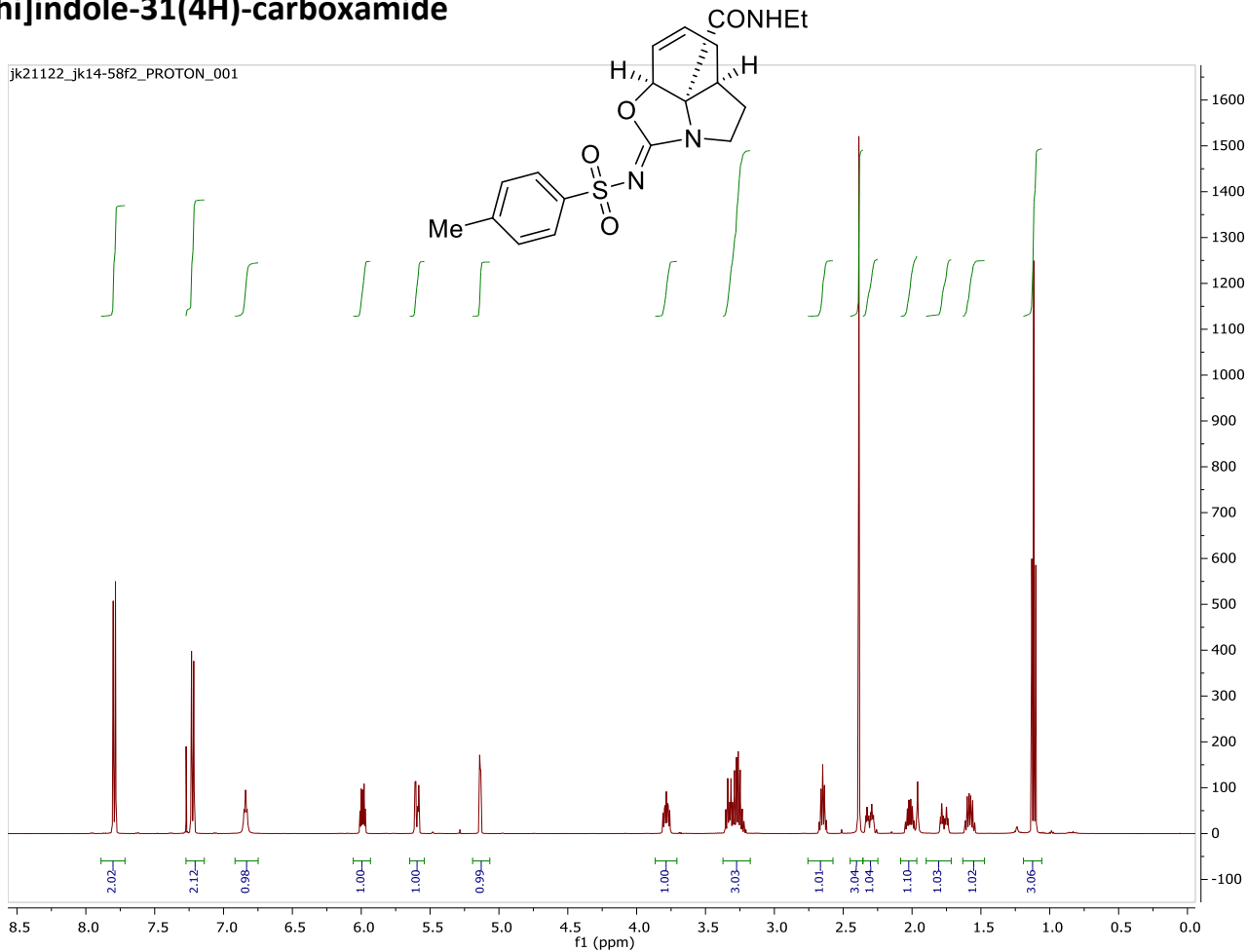


jk21863_jk15-76f2_CARBON_002

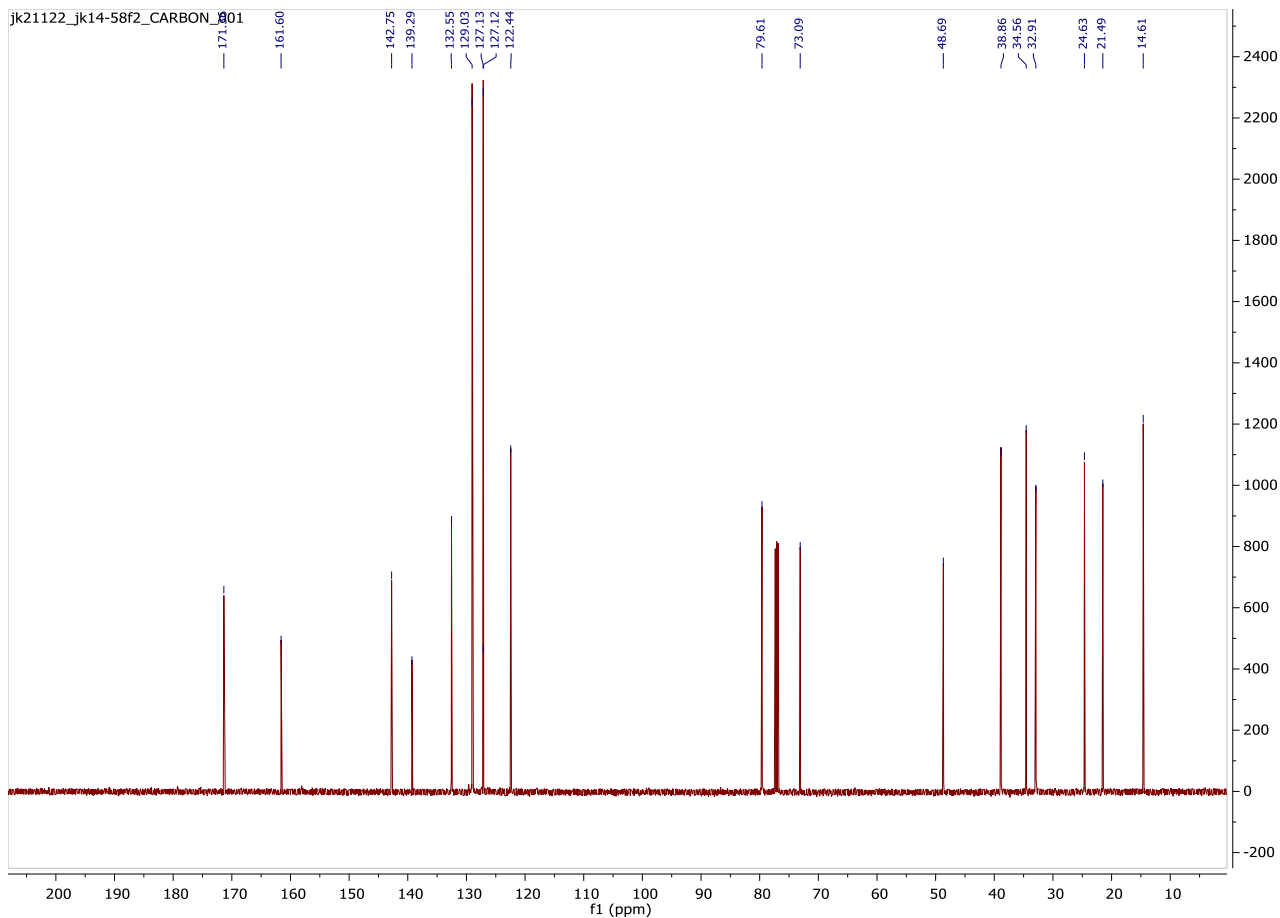


(±)-(3*R*,5*aS*,8*aS*,*Z*)-*N*-ethyl-2-(tosylimino)-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indole-31(4*H*)-carboxamide

jk21122_jk14-58f2_PROTON_001

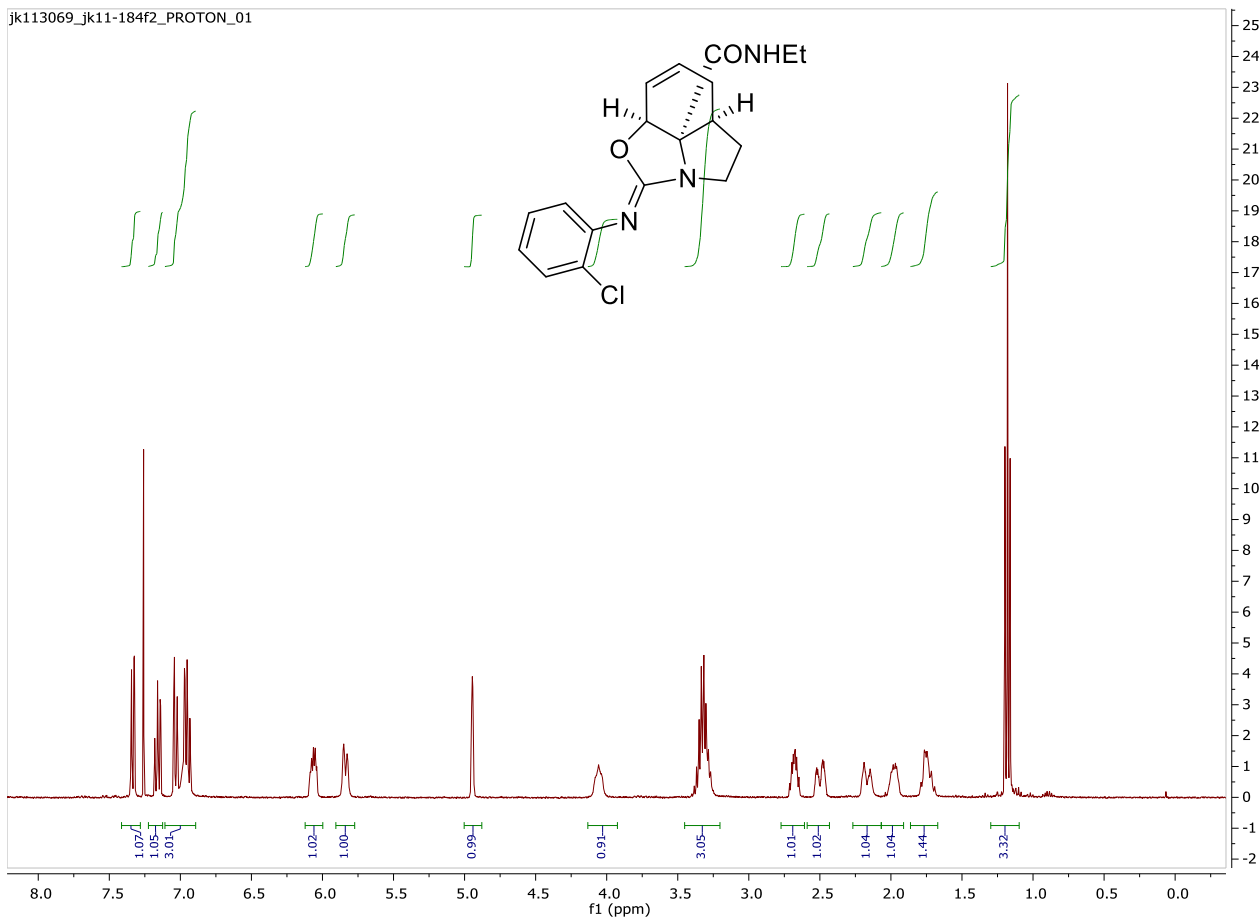


jk21122_jk14-58f2_CARBON_001

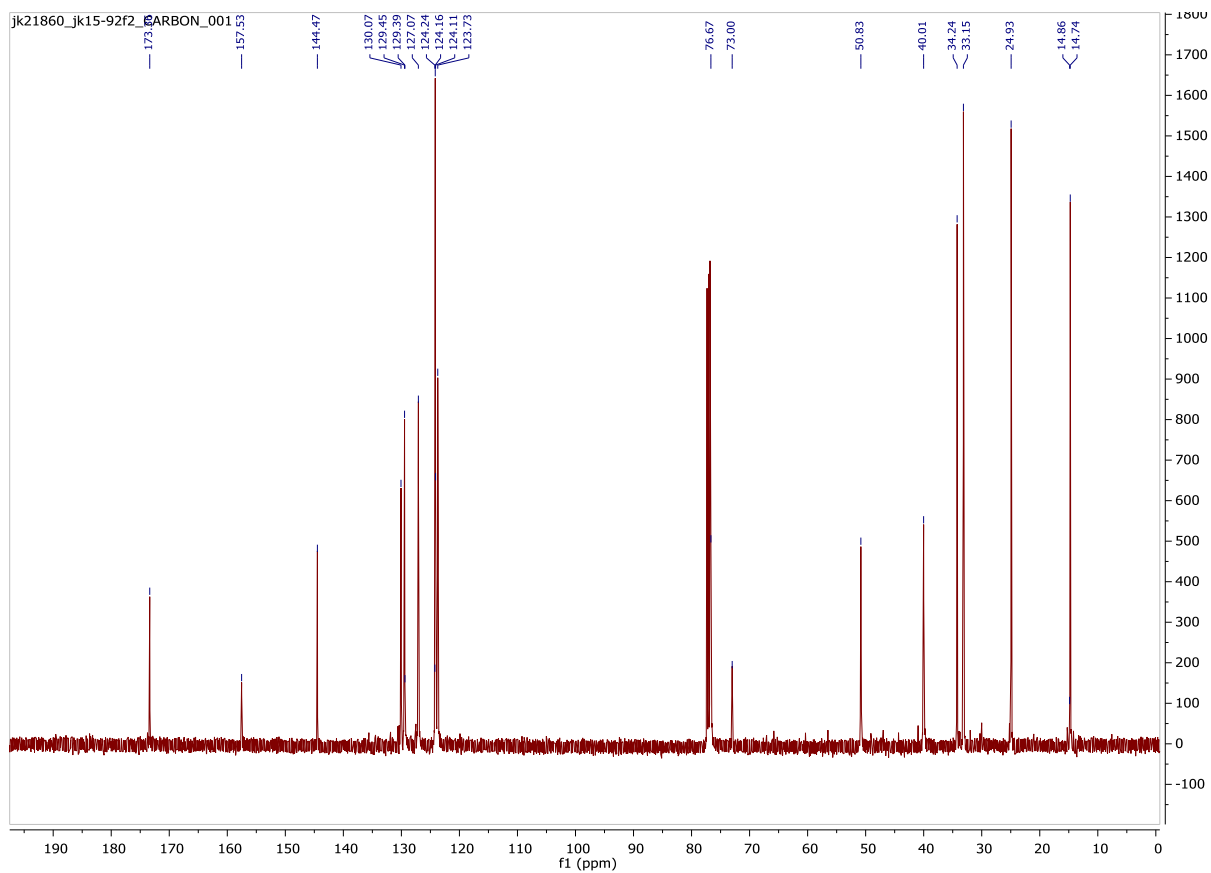


(±)-(3*R*,5*aS*,8*aS*,*Z*)-2-((2-chlorophenyl)imino)-*N*-ethyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4-*hi*]indole-31(4*H*)-carboxamide

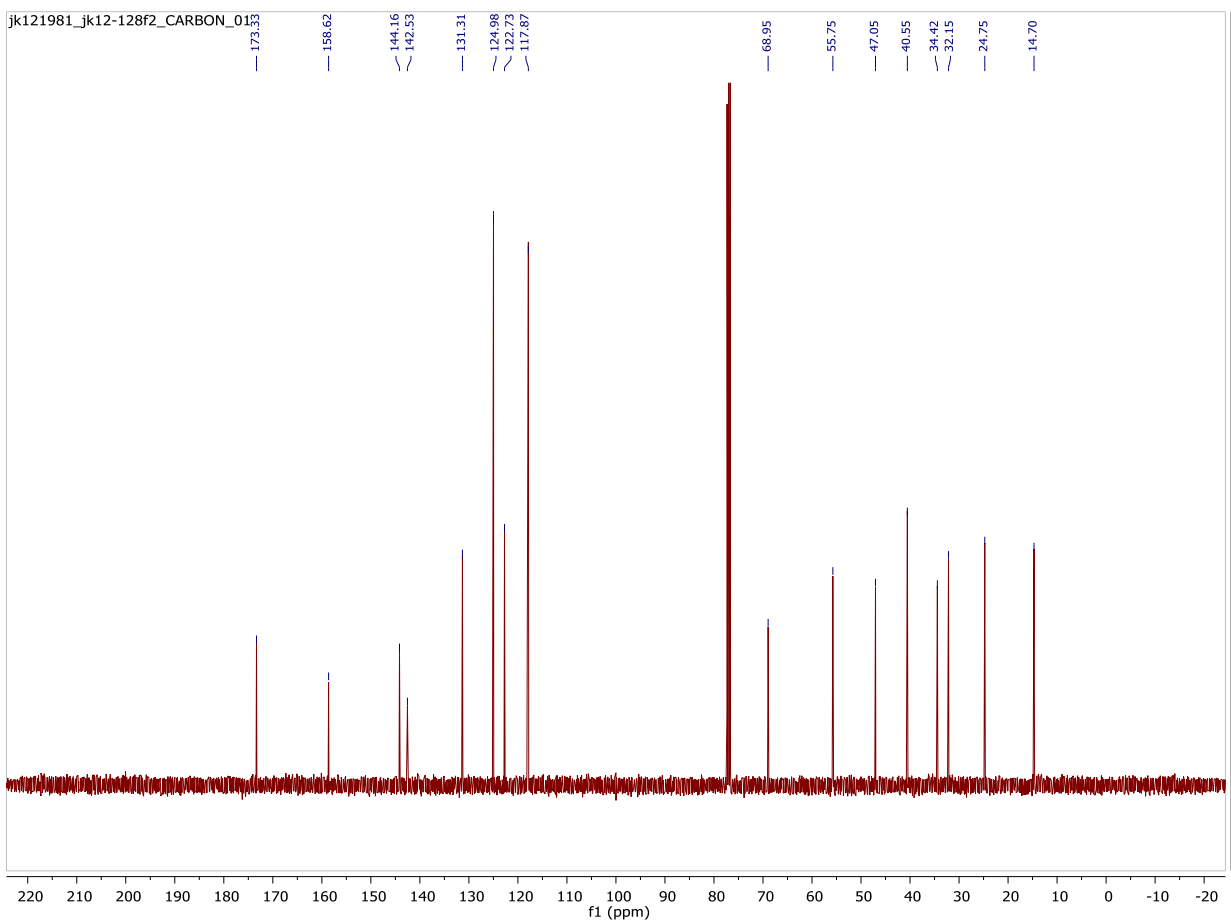
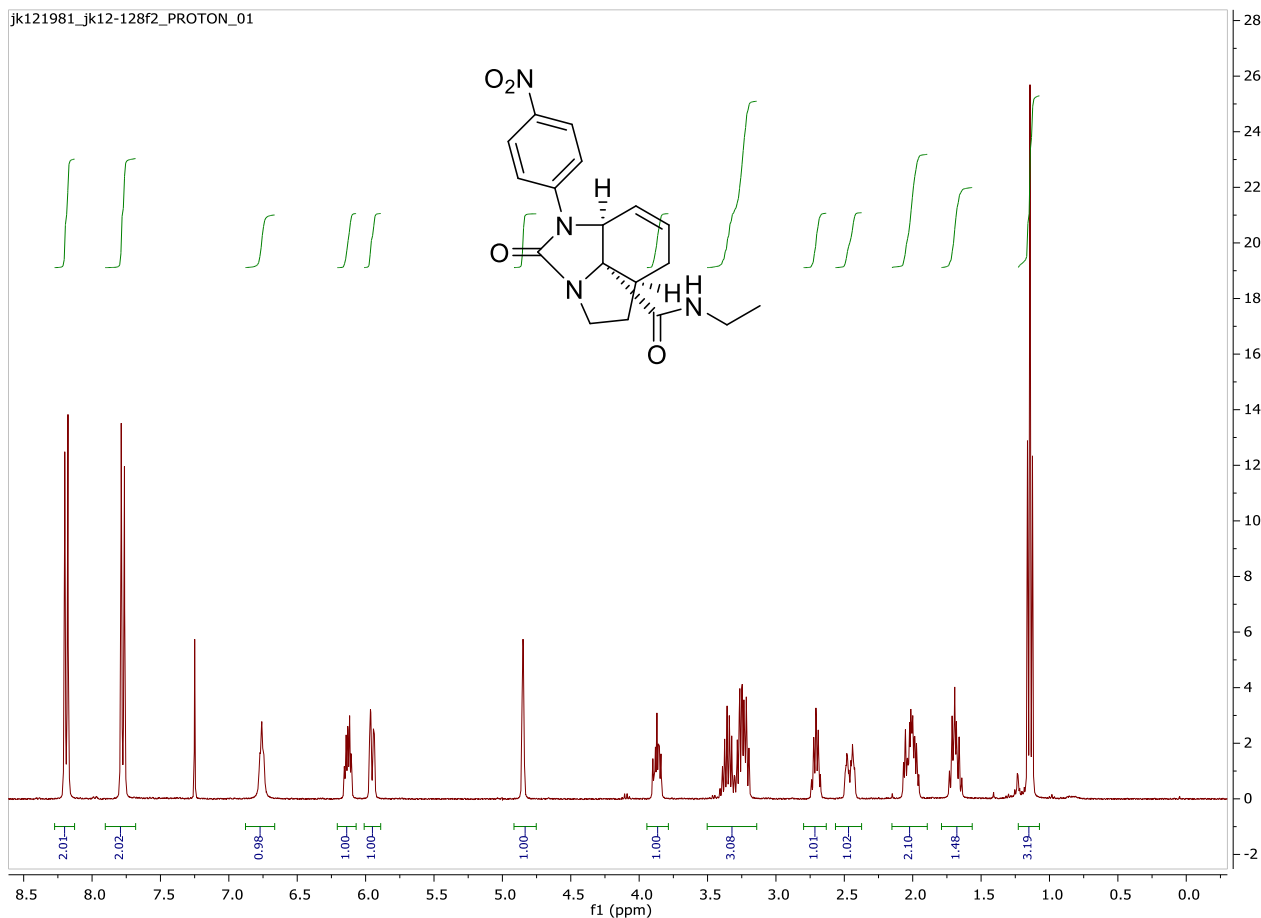
jk113069_jk11-184f2_PROTON_01



jk21860_jk15-92f2_CARBON_001

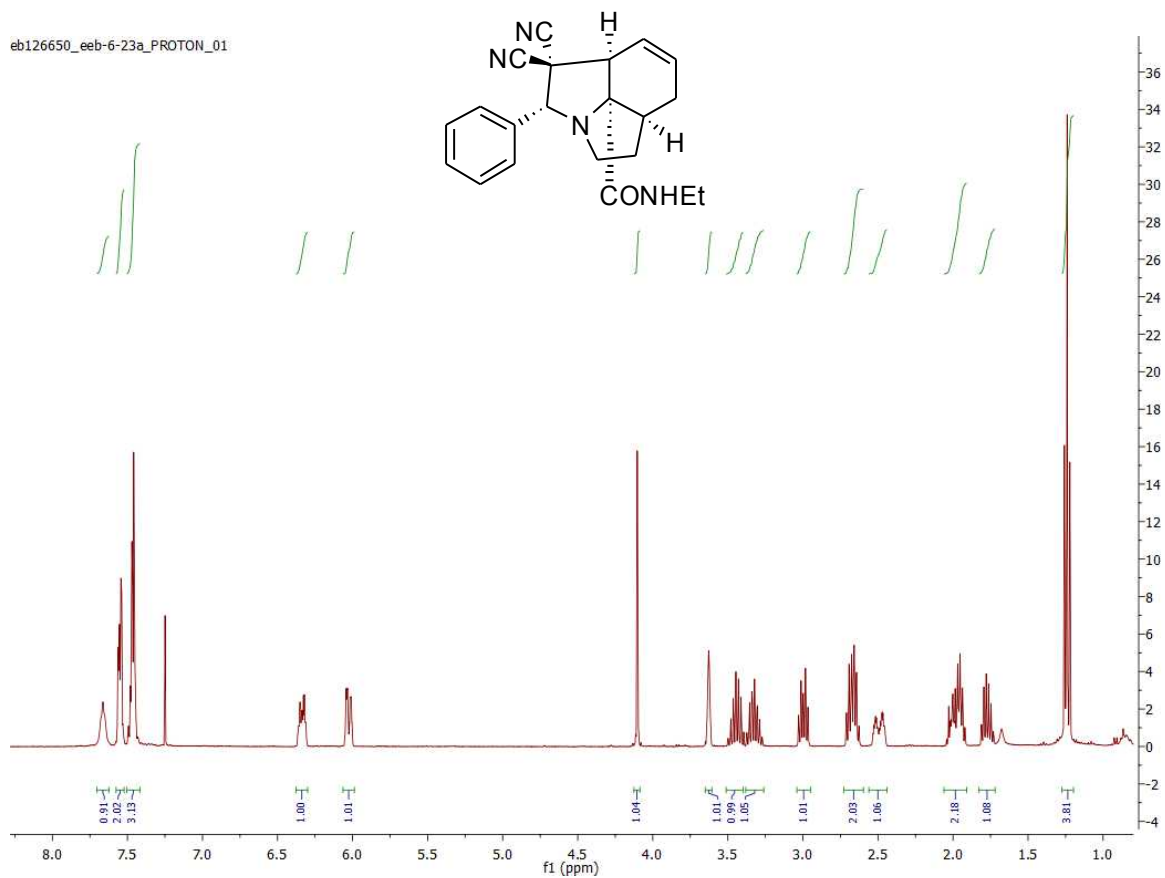


(±)-(3*R*,5*aS*,8*aS*)-N-ethyl-1-(4-nitrophenyl)-2-oxo-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-31(2*H*)-carboxamide

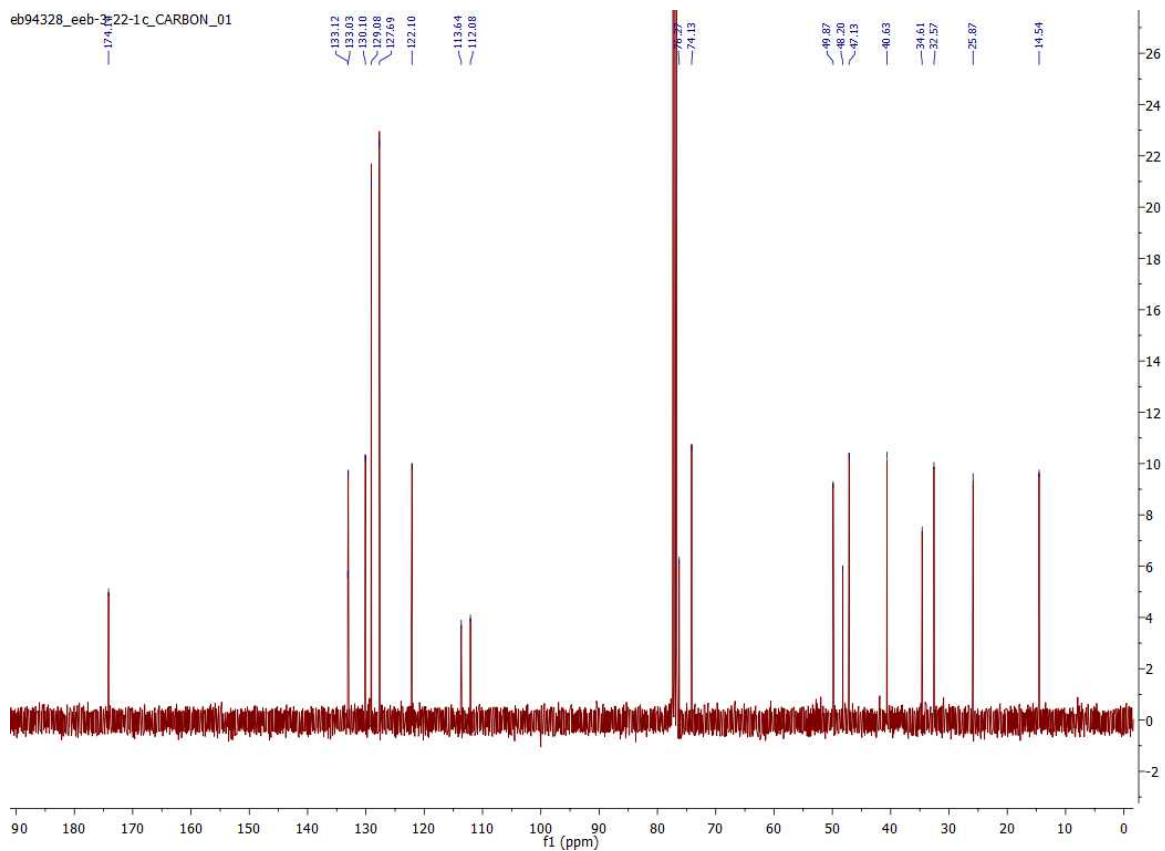


(±)-(3*R*,5*aS*)-1,1-Dicyano-*N*-ethyl-2-phenyl-1,4,5,5*a*,6,8*a*-hexahydropyrrolo [3,2-*hi*]indole-3(2*H*)-carboxamide 10a

eb126650_eeb-6-23a_PROTON_01

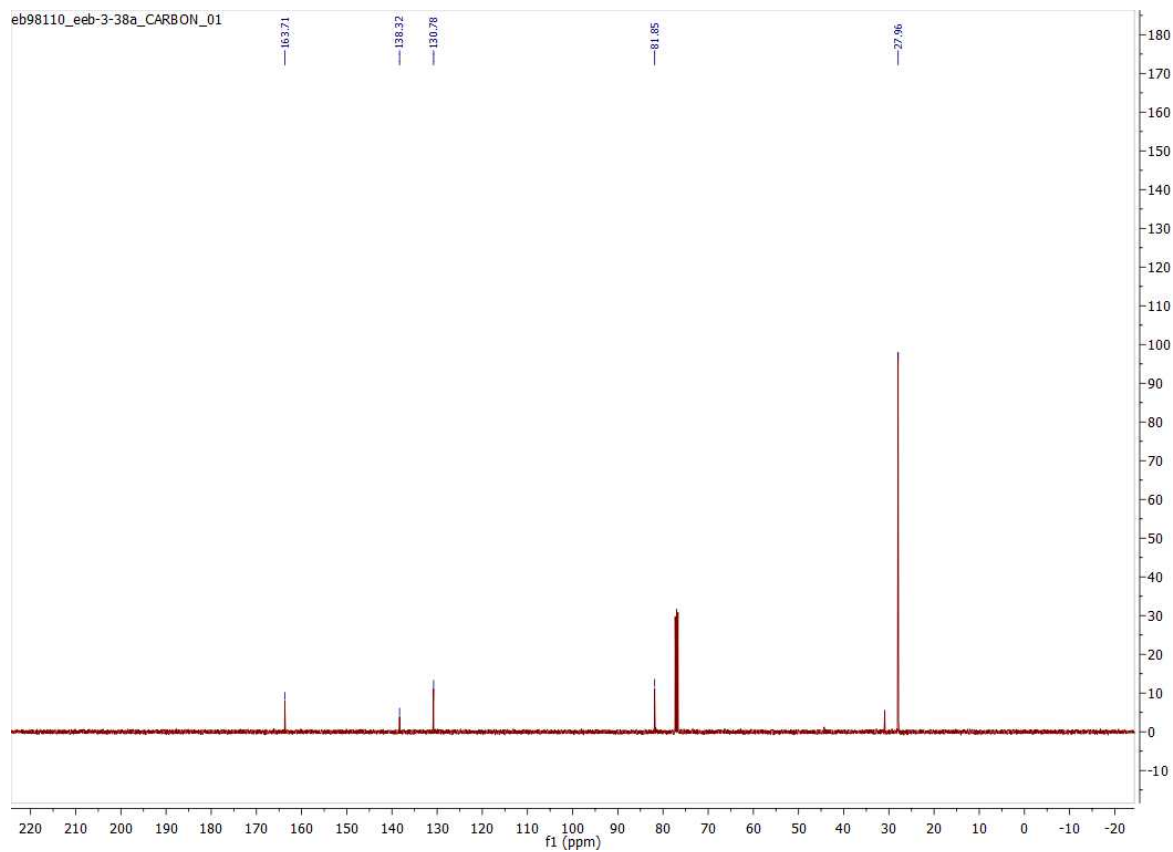
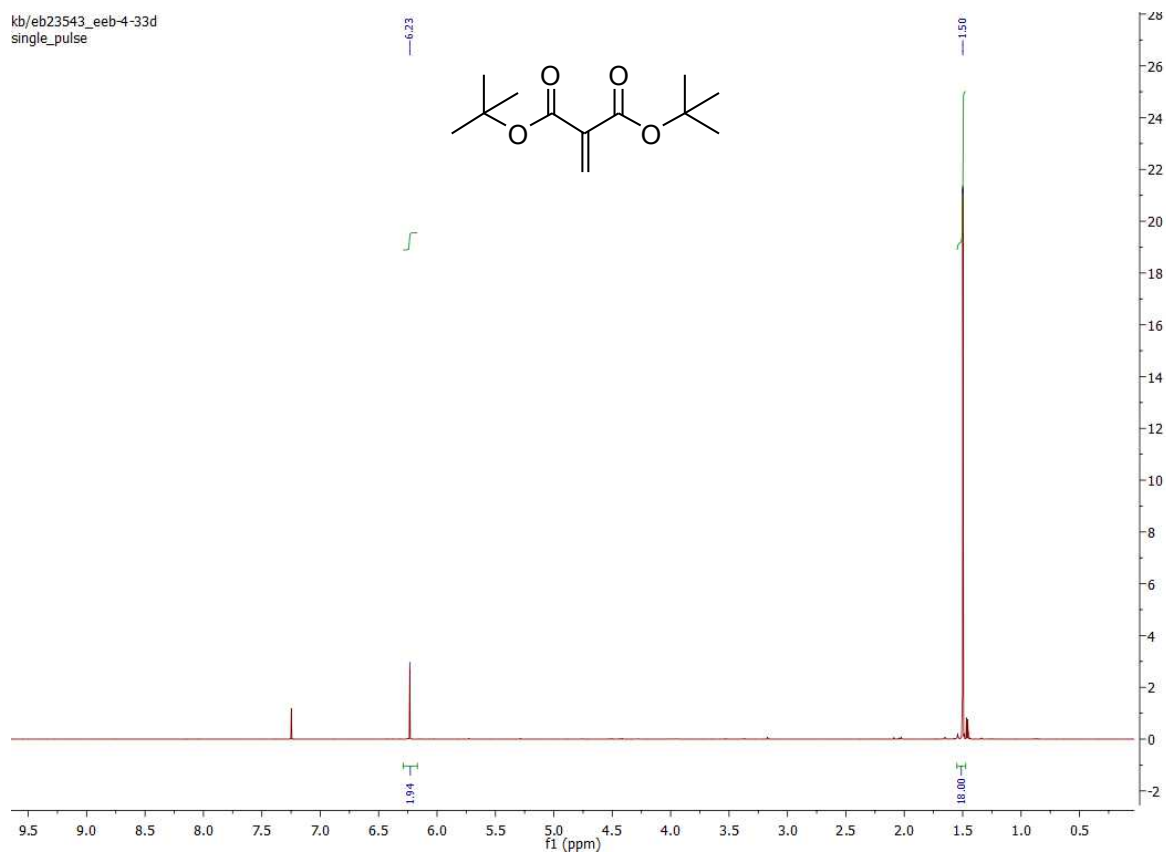


eb94328_eeb-2-22-1c CARBON_01



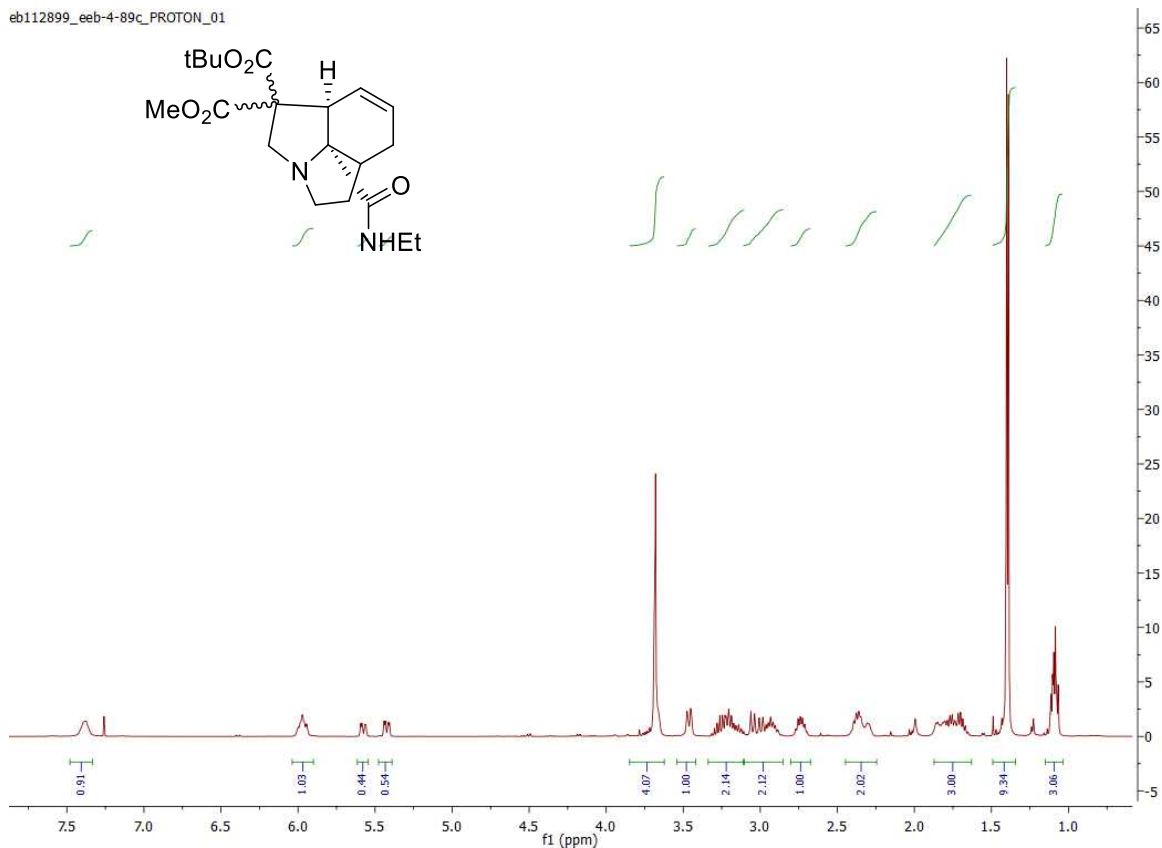
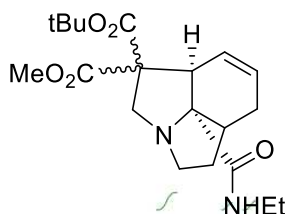
Di-*tert*-butyl 2-methylenemalonate

kb/eb23543_eeb-4-33d
single_pulse

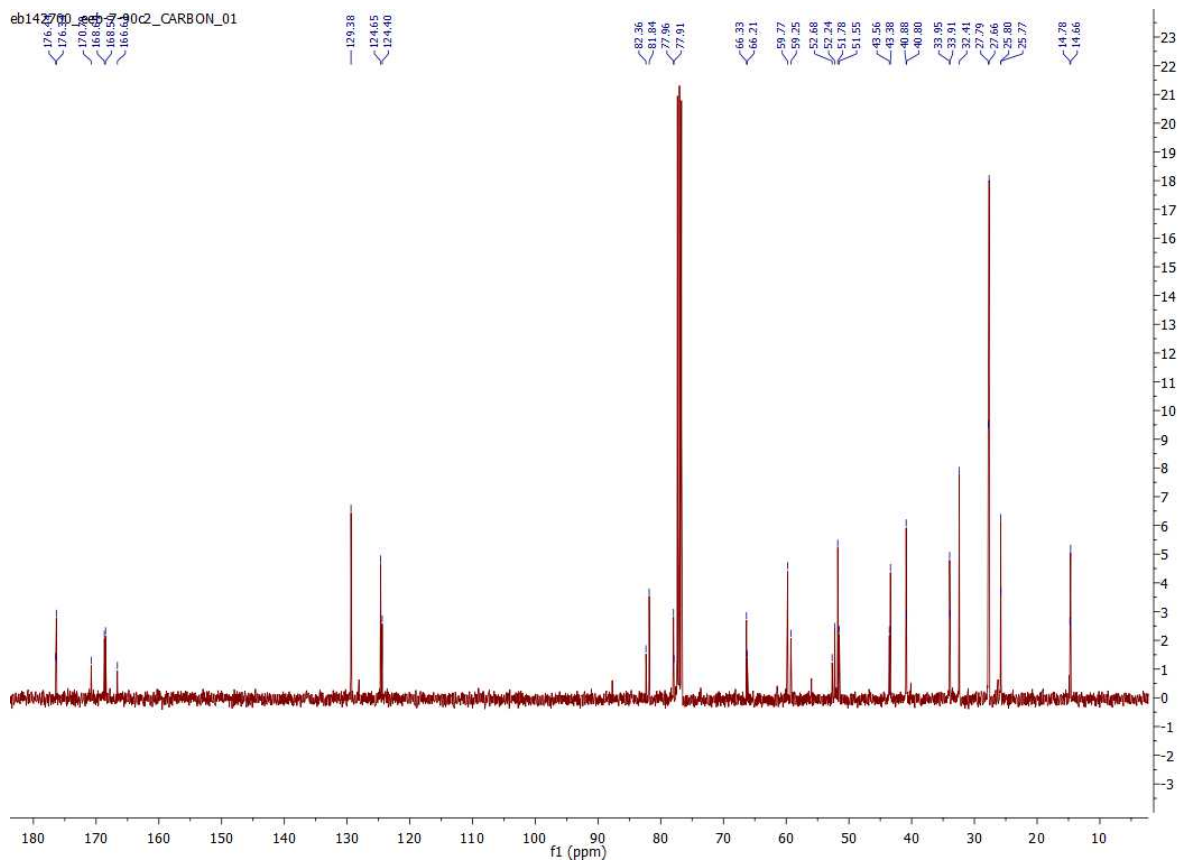


(±)-1-(*Tert*-butyl) 1-methyl (3*R*,8*aR*)-3-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydropyrrolo[3,2,1-*hi*]indole-1,1(2*H*)-dicarboxylate 11a

eb112899_eeb-4-89c_PROTON_01

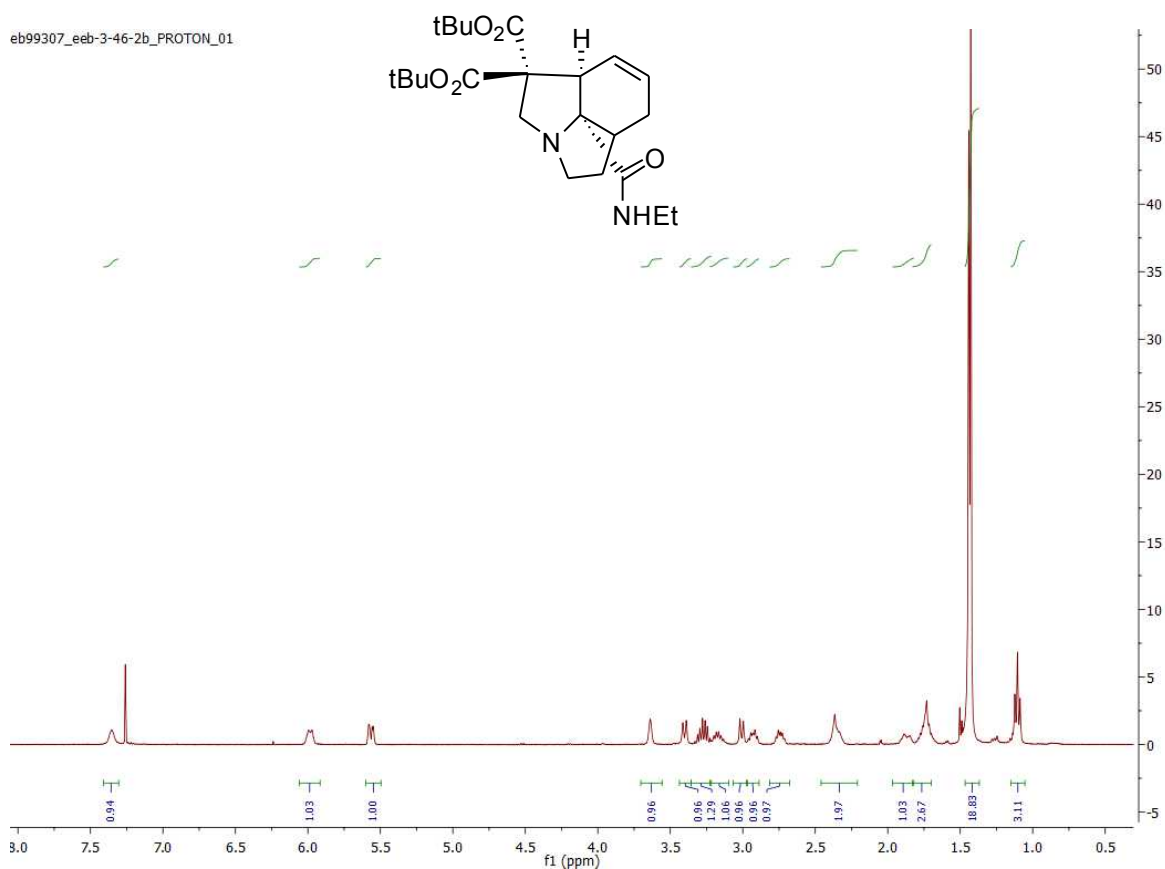


eb142700_eeb-4-90c_CARBON_01

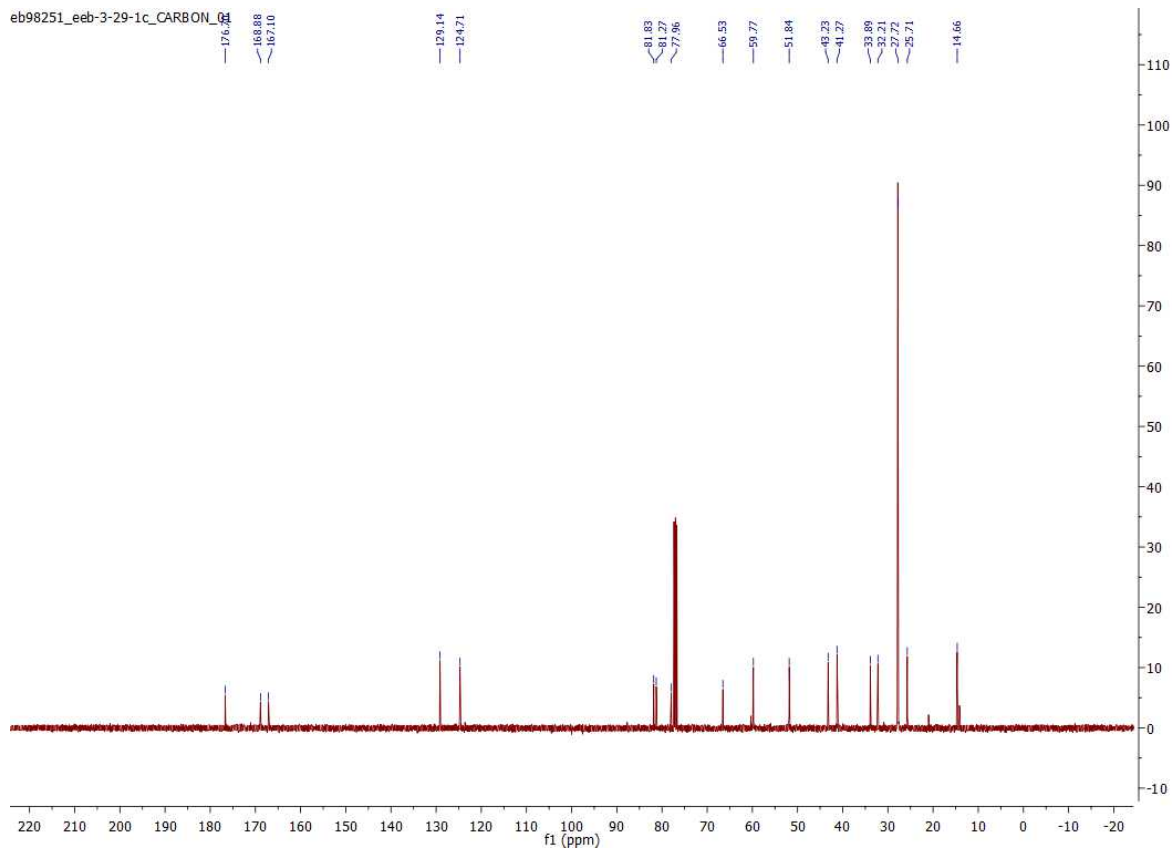


(±)-Di-*tert*-butyl (3*R*,8*aR*)-3-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydropyrrolo[3,2-*hi*]indole-1,1(2*H*)-dicarboxylate 12a

eb99307_eeb-3-46-2b_PROTON_01

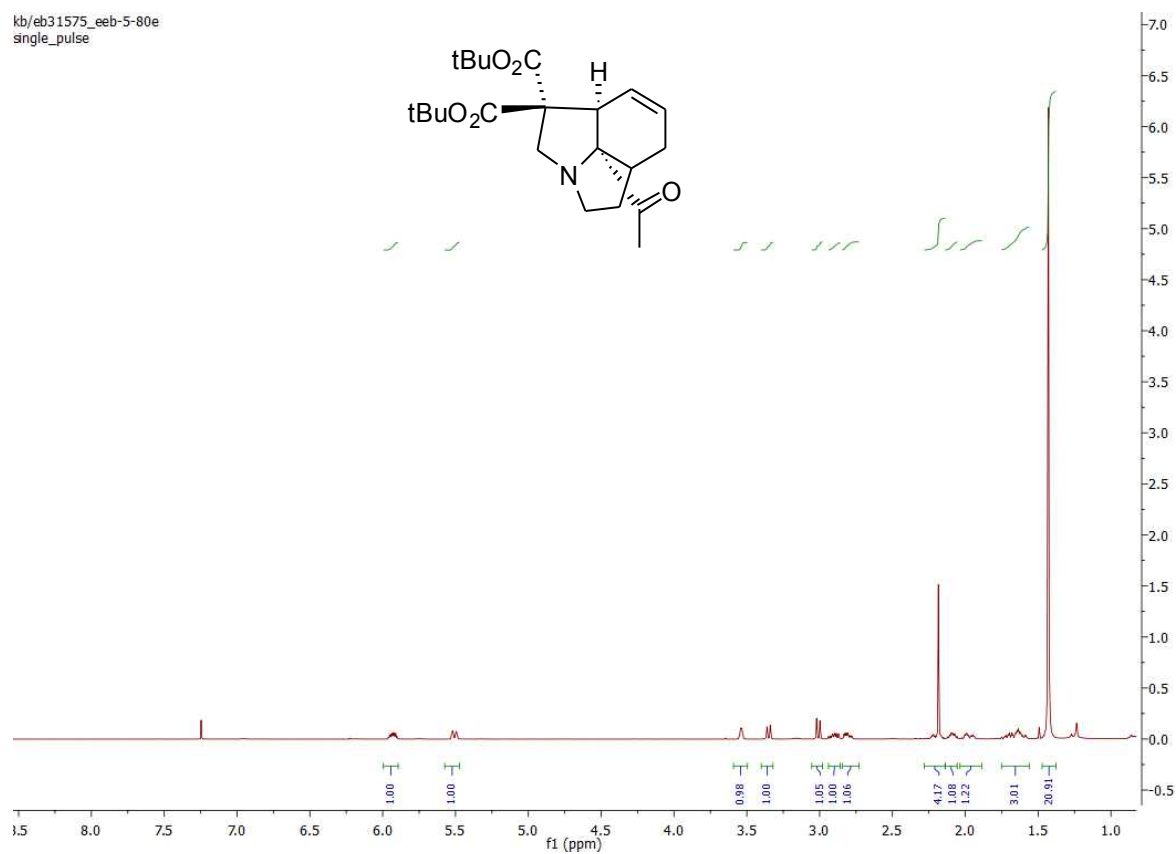


eb98251_eeb-3-29-1c_CARBON_04

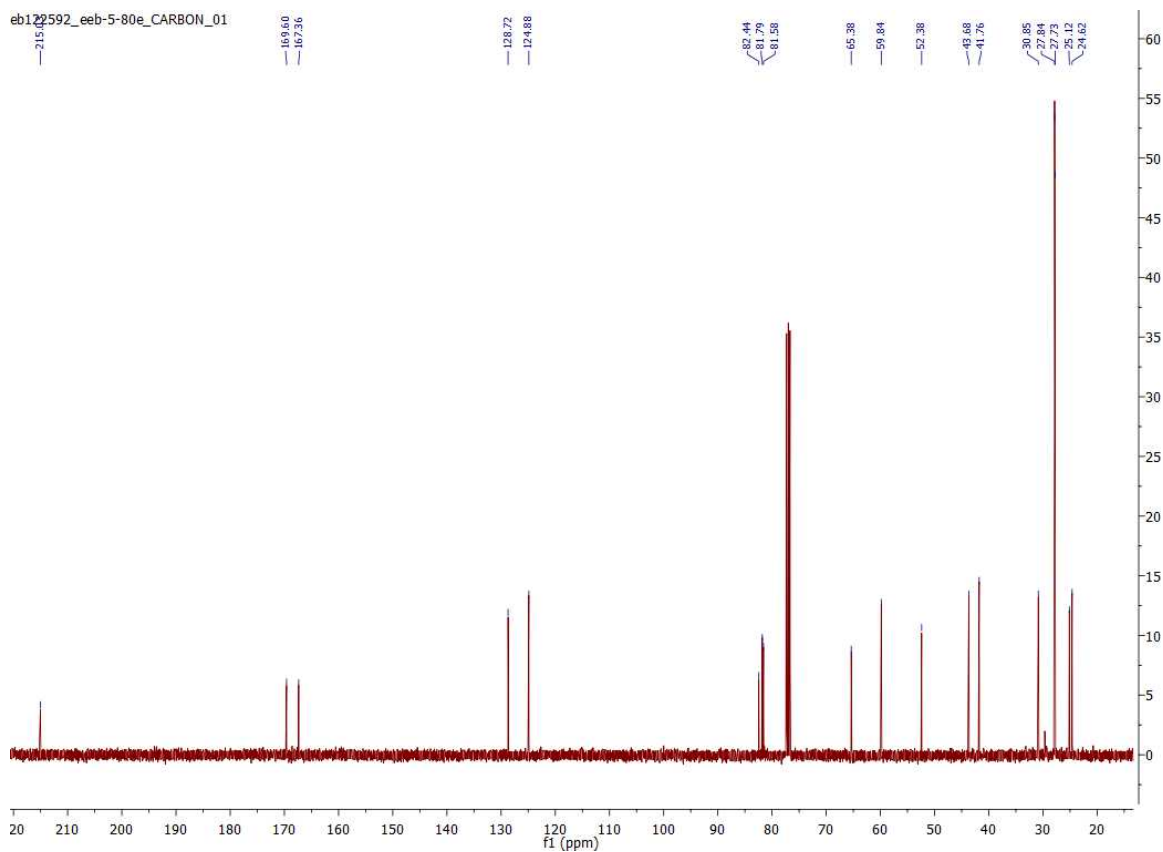


(±)-Di-*tert*-butyl (3*R*,8*aR*)-3-acetyl-3,4,5,5*a*,6,8*a*-hexahydropyrrolo[3,2,1-*h*]indole-1,1(2*H*)-dicarboxylate 12b

kb/eb31575_eeb-5-80e
single_pulse

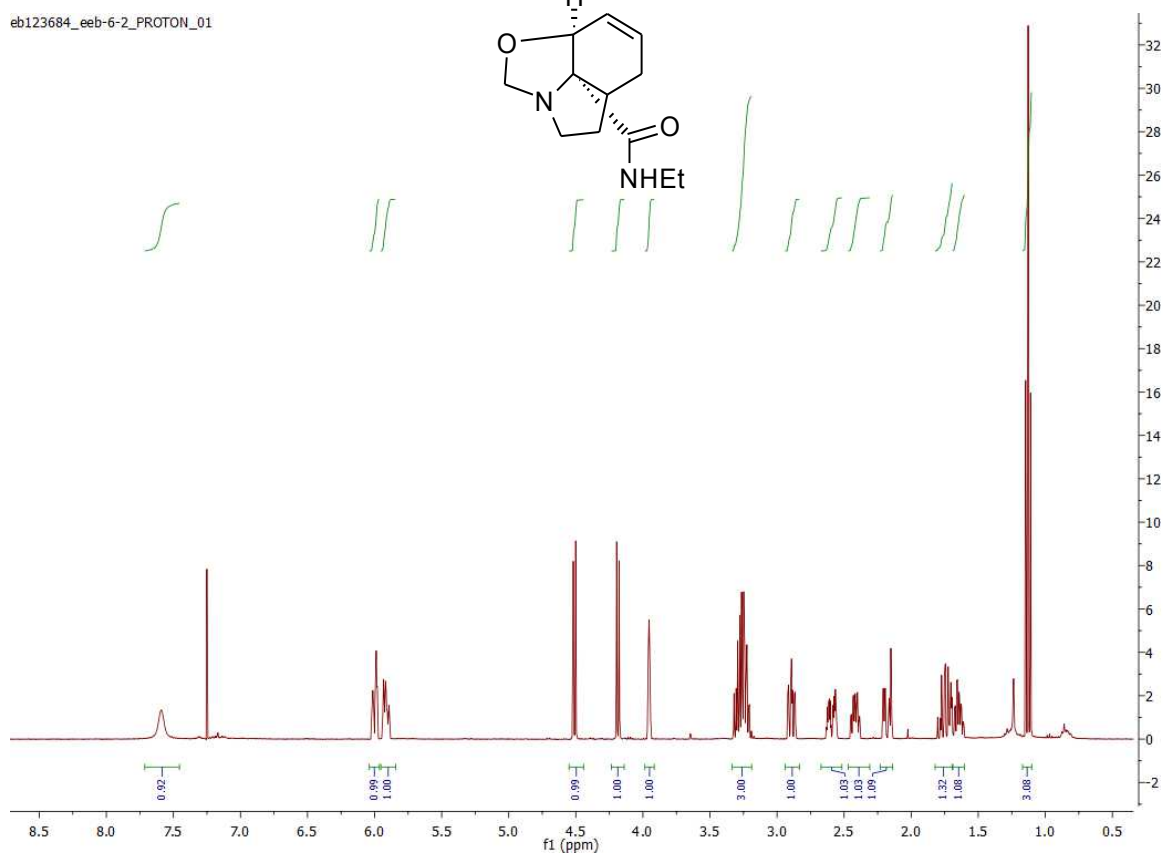
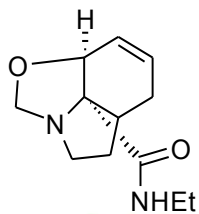


eb122592_eeb-5-80e_CARBON_01

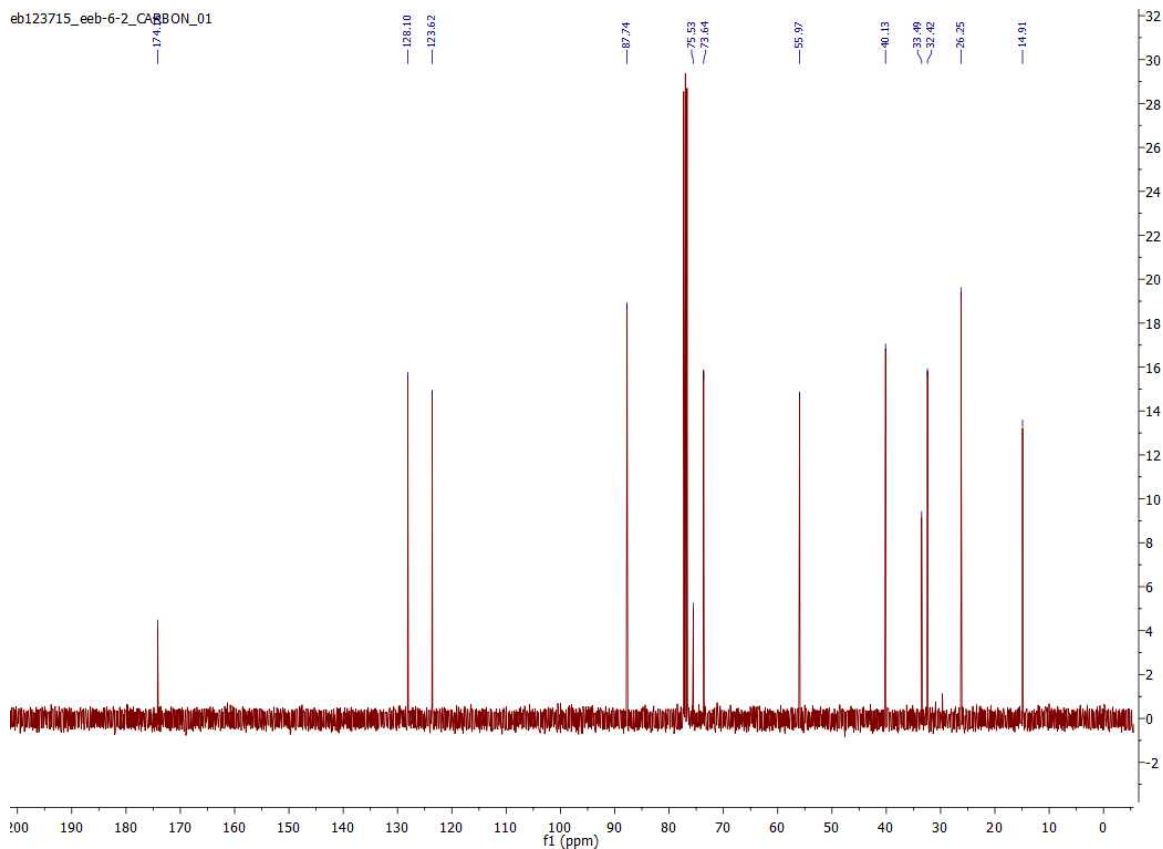


(±)-(3*R*,8*aS*)-*N*-ethyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indole-3(4*H*)-carboxamide 13a

eb123684_eeb-6-2_PROTON_01

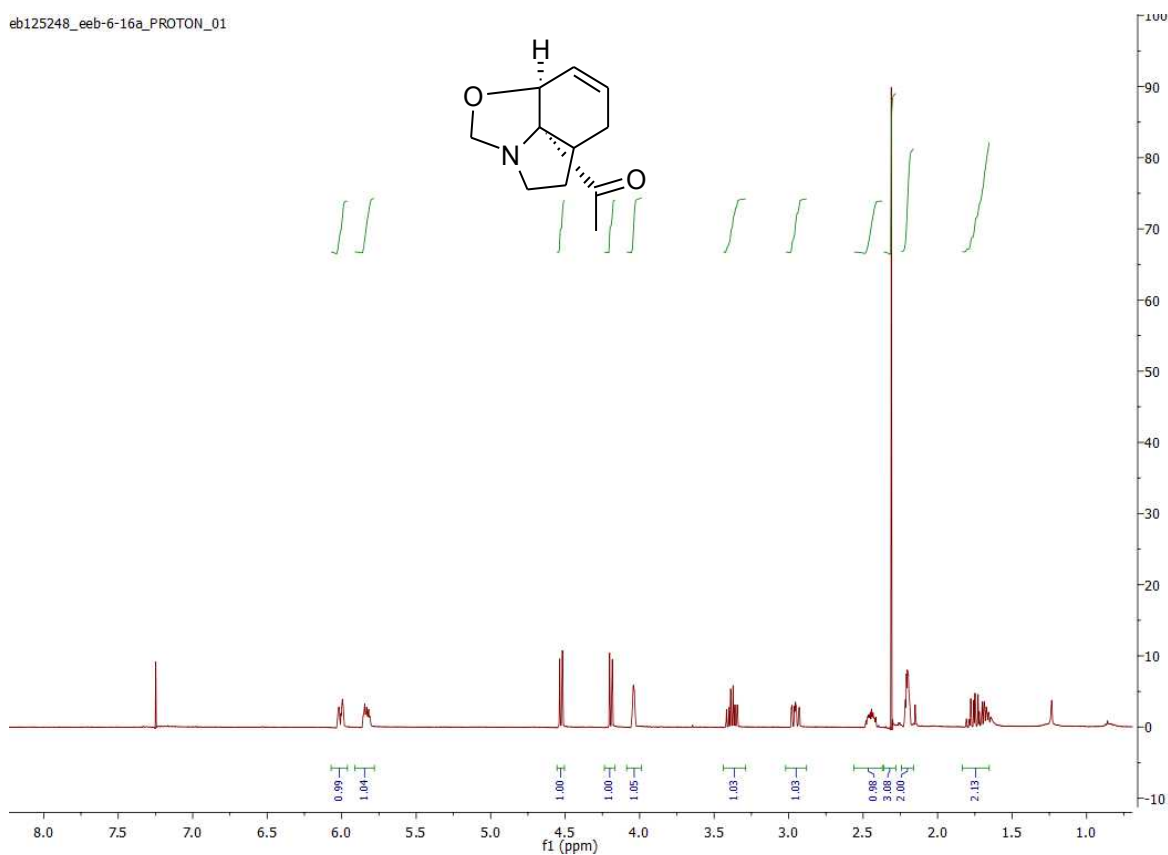


eb123715_eeb-6-2_CARBON_01

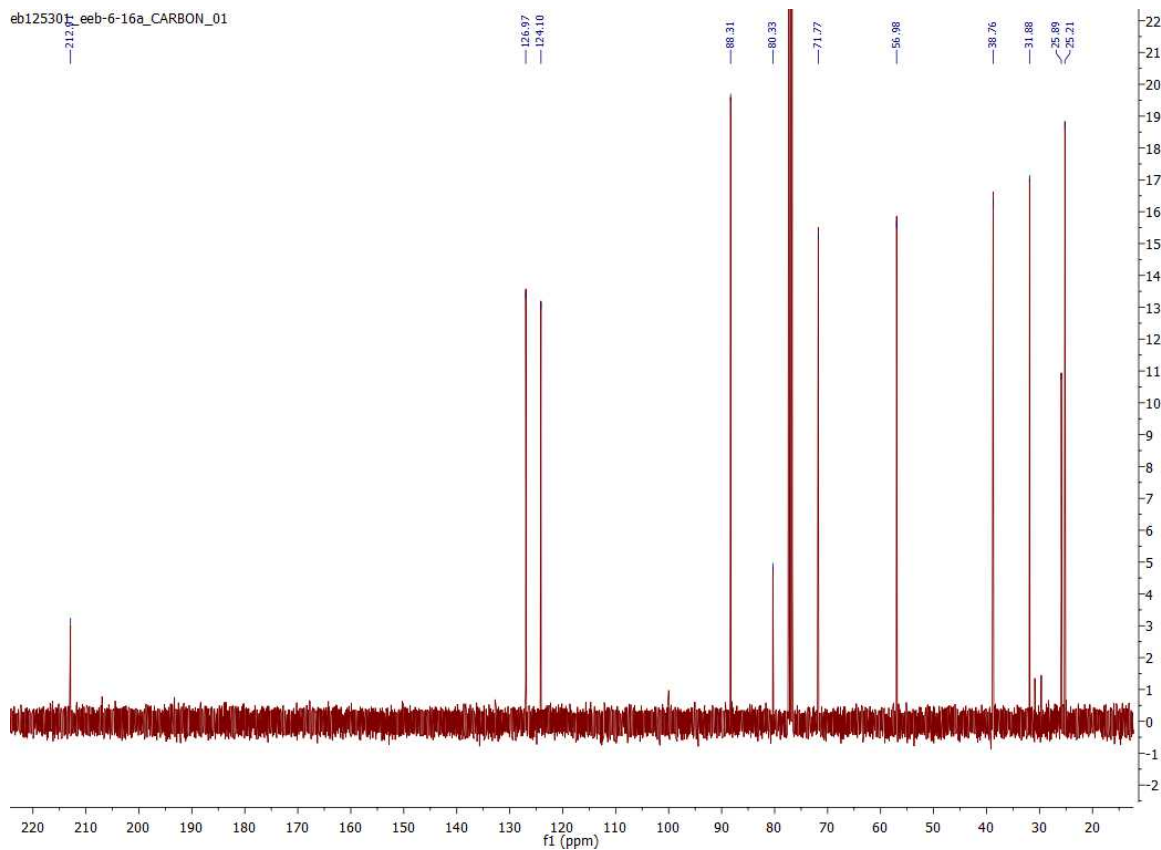


(±)-1-((3*R*,8*aS*)-5,5*a*,6,8*a*-Tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indol-3(4*H*)-yl)ethan-1-one 13b

eb125248_eeb-6-16a_PROTON_01

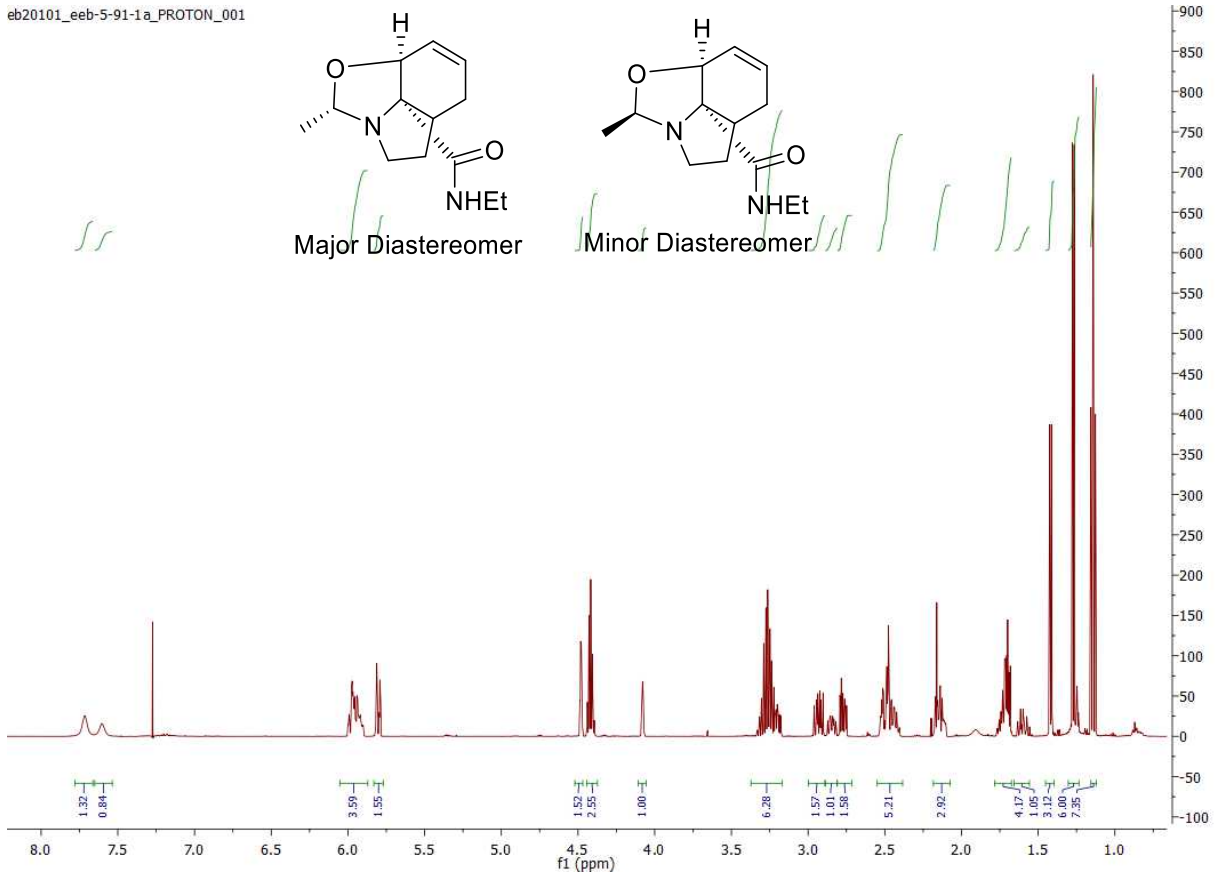
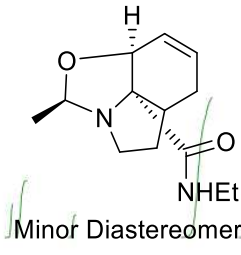
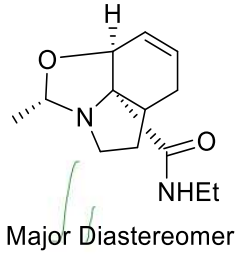


eb125301_eeb-6-16a_CARBON_01

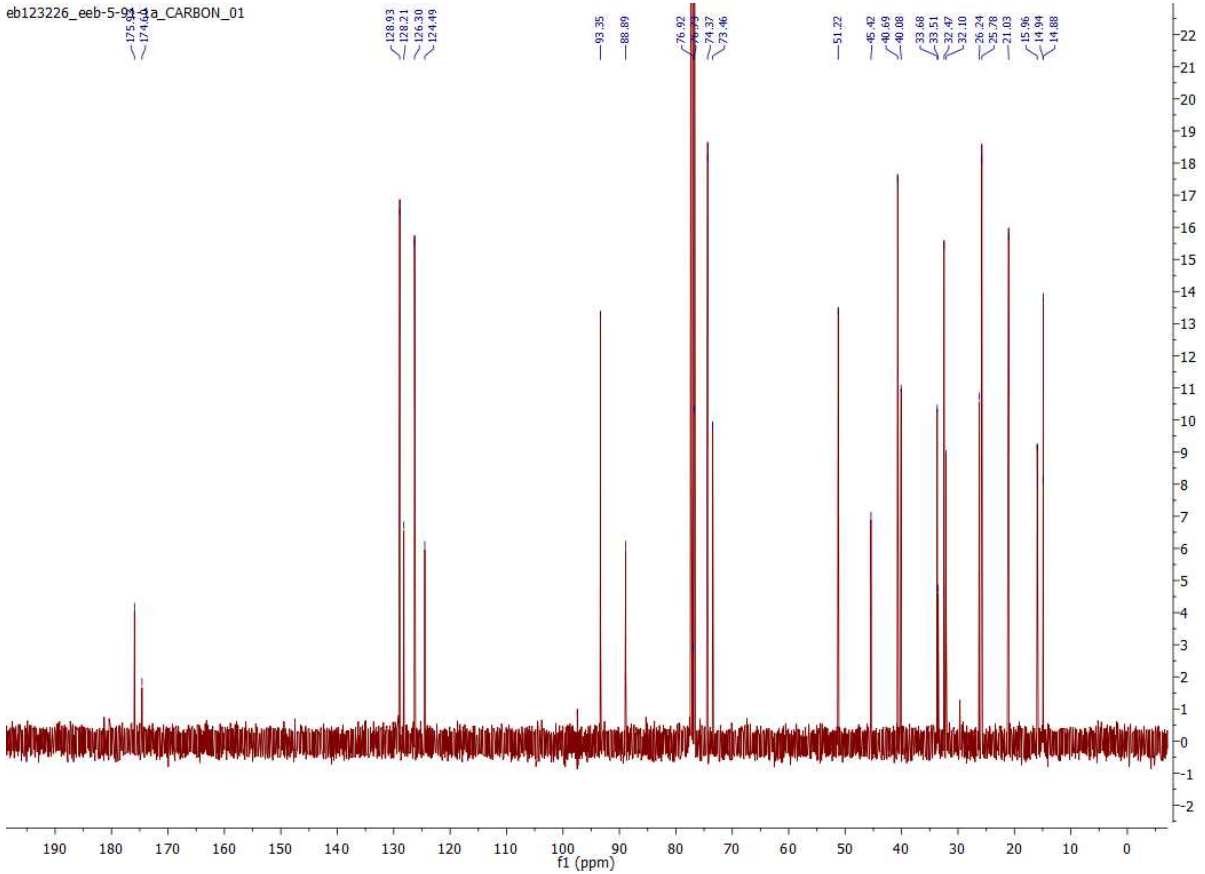


(±)-(2*S*,31*R*,8*aS*)-*N*-ethyl-2-methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*i]indole-3(4*H*)-carboxamide -14a

eb20101_eeb-5-91-1a_PROTON_001

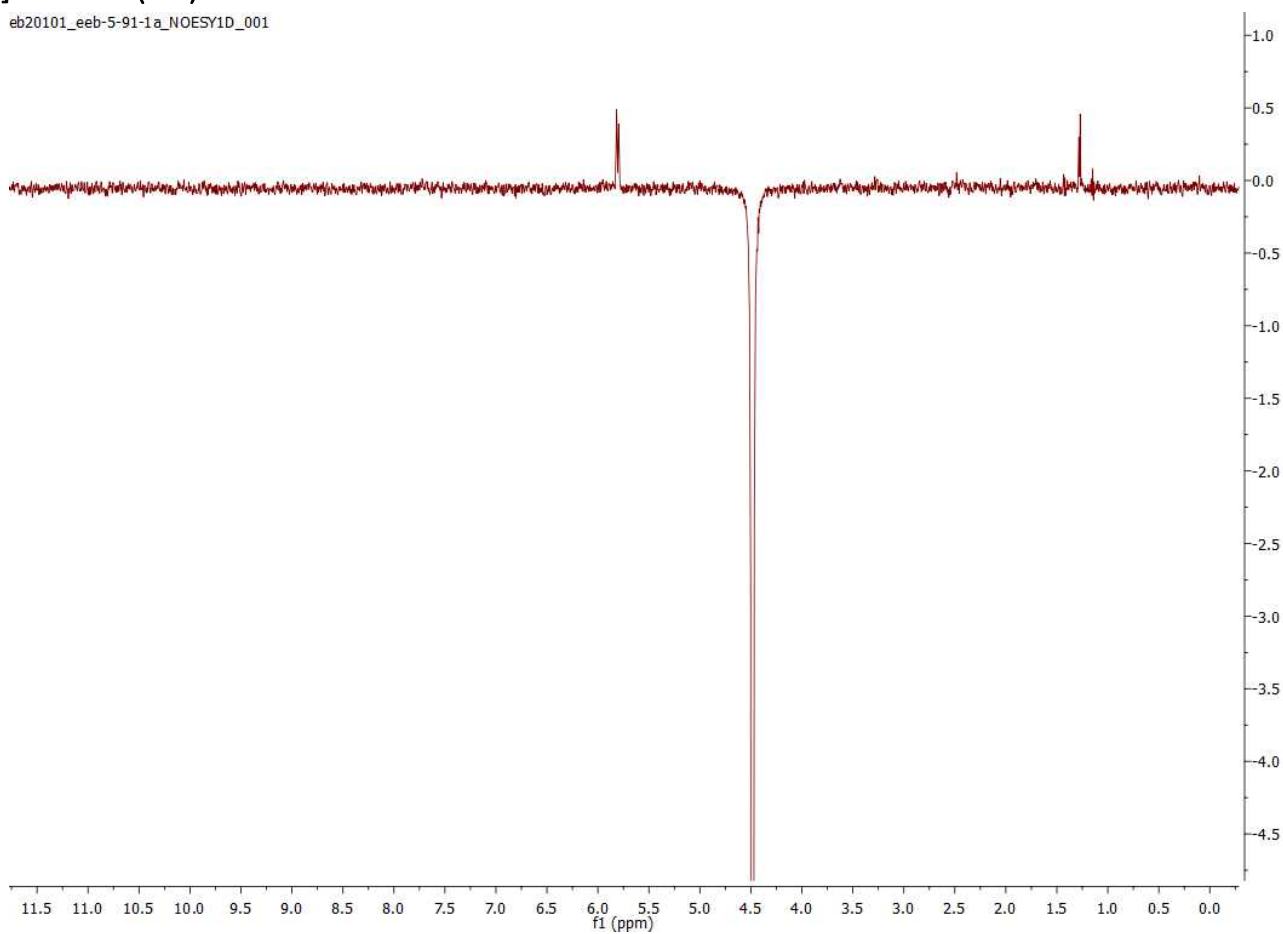


eb123226_eeb-5-91-1a_CARBON_01

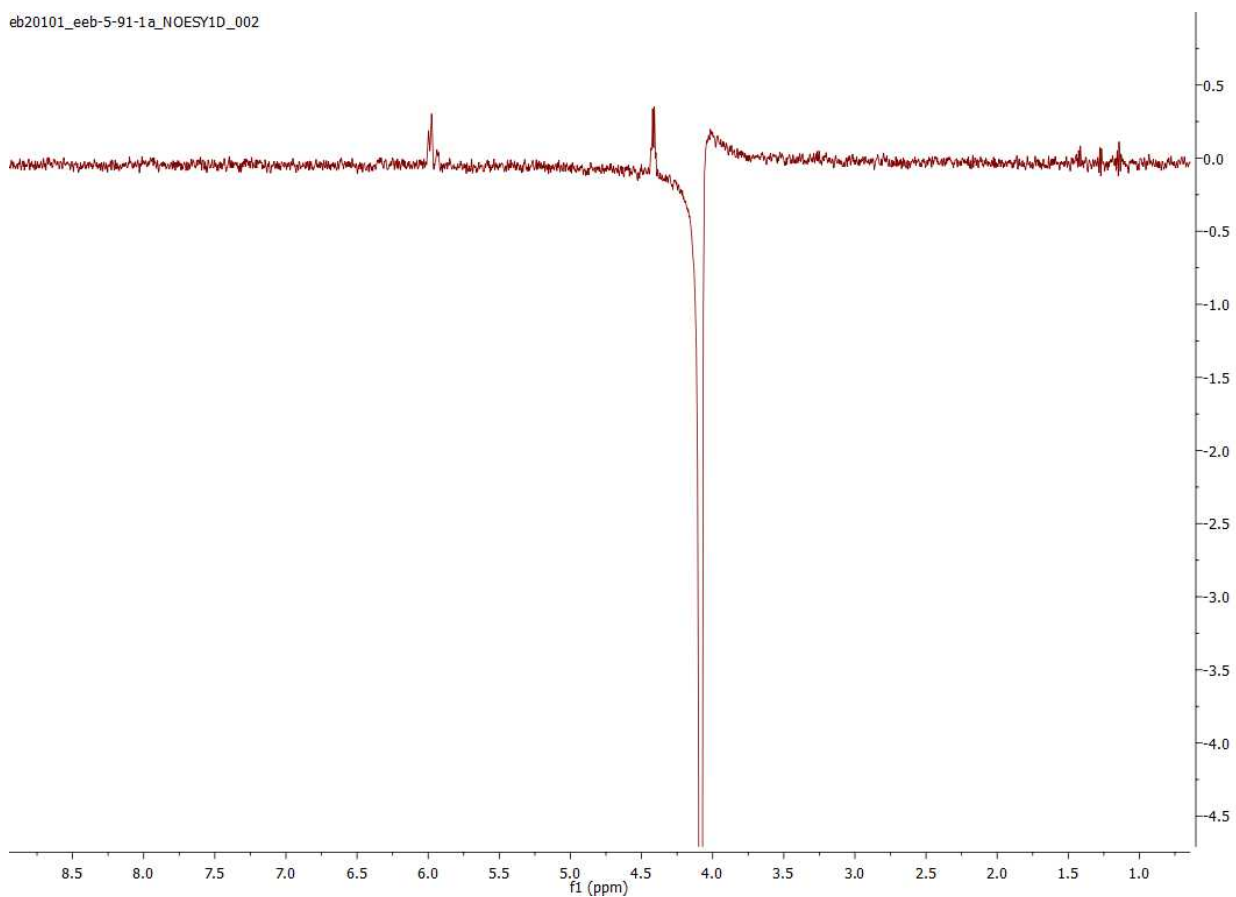


(±)-(2*S*,31*R*,8*aS*)-*N*-ethyl-2-methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indole-3(4*H*)-carboxamide –14a

eb20101_eeb-5-91-1a_NOESY1D_001

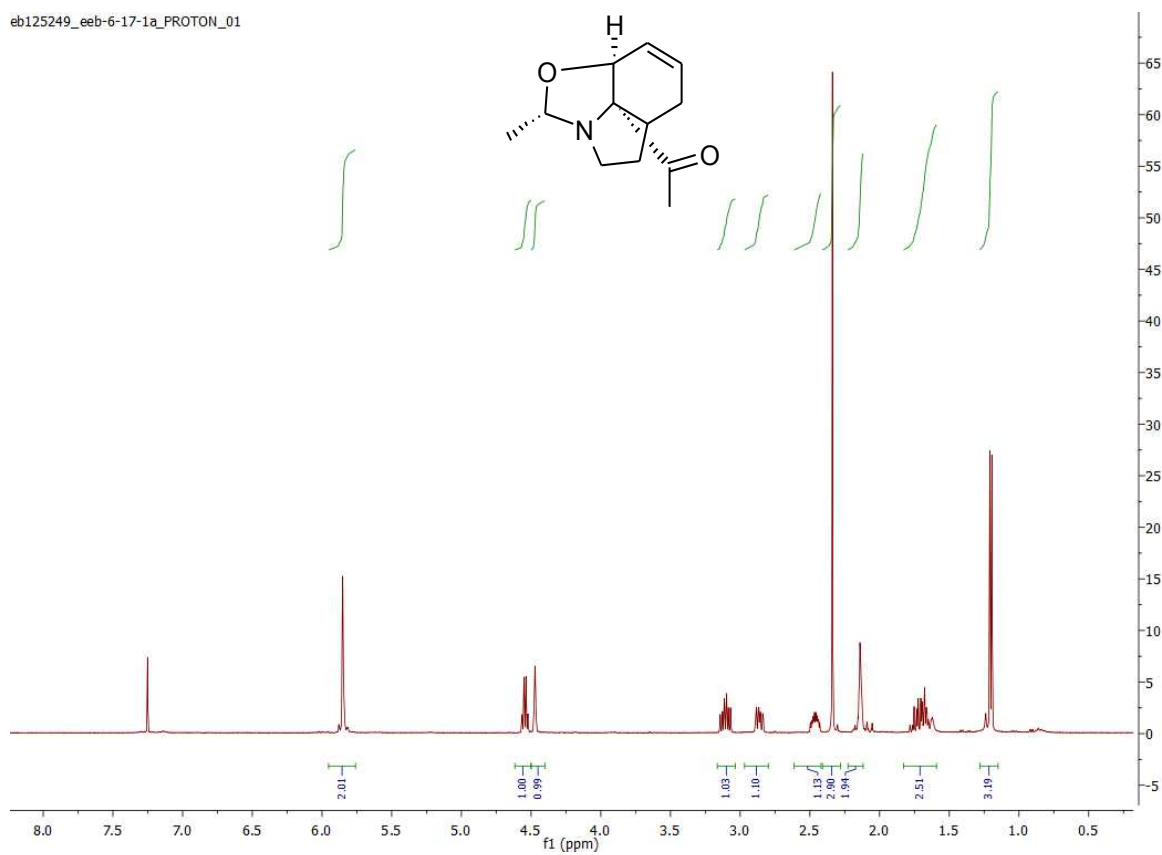


eb20101_eeb-5-91-1a_NOESY1D_002

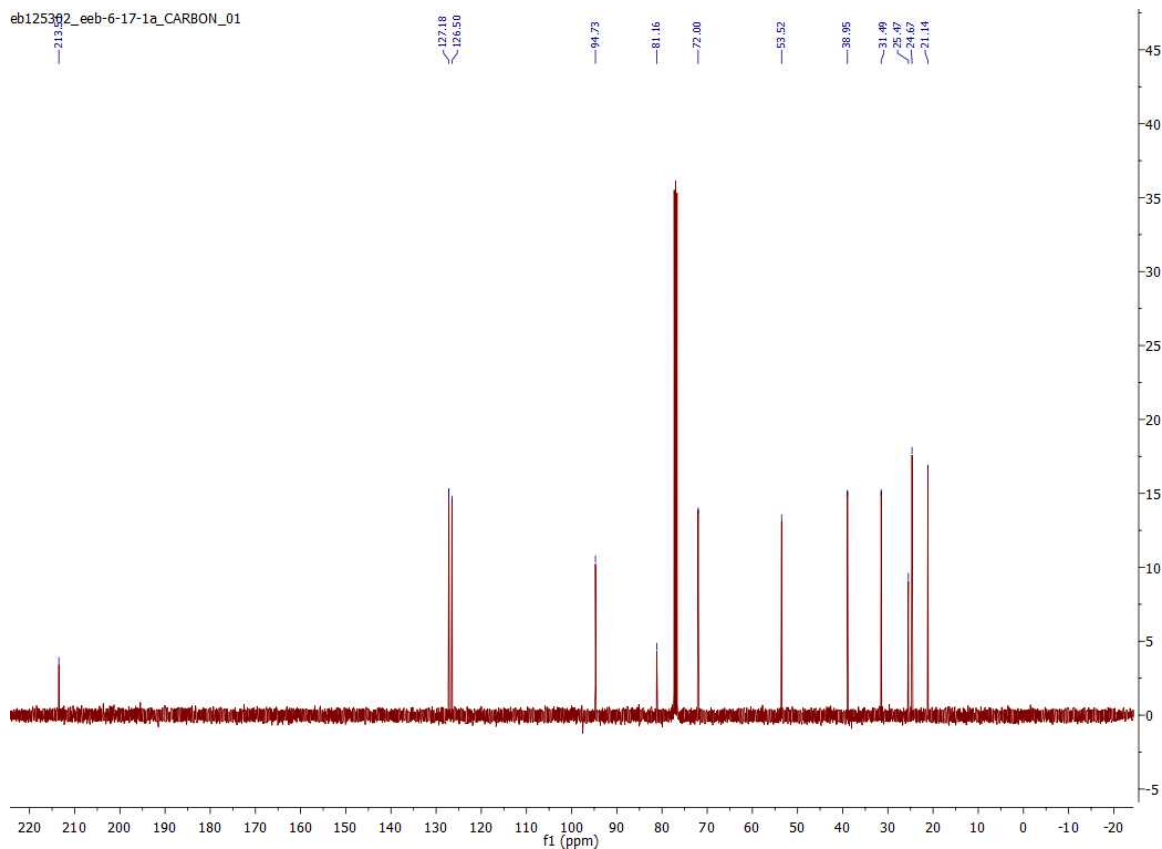


(±)-1-((3*R*,8*aS*)-2-Methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indol-3(4*H*)-yl)ethan-1-one- Major Diastereomer 14b

eb125249_eeb-6-17-1a_PROTON_01

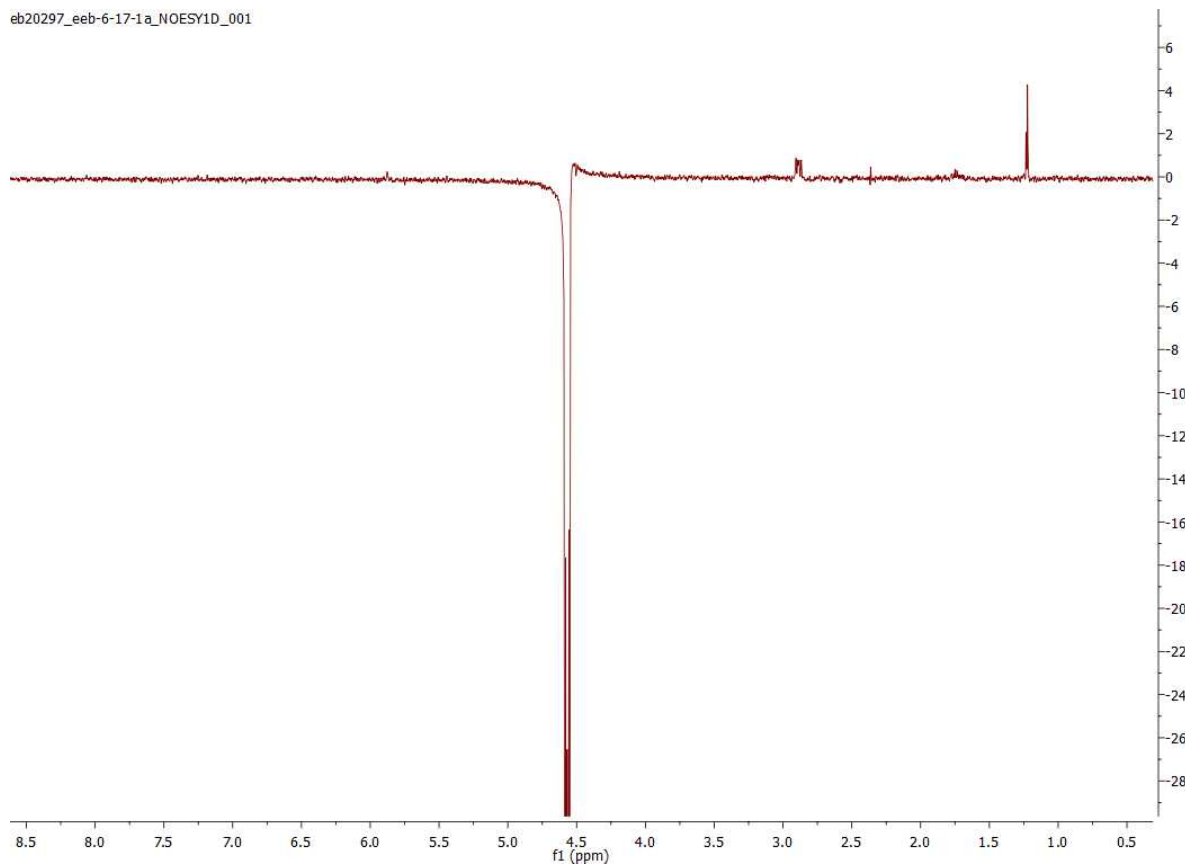


eb125362_eeb-6-17-1a_CARBON_01

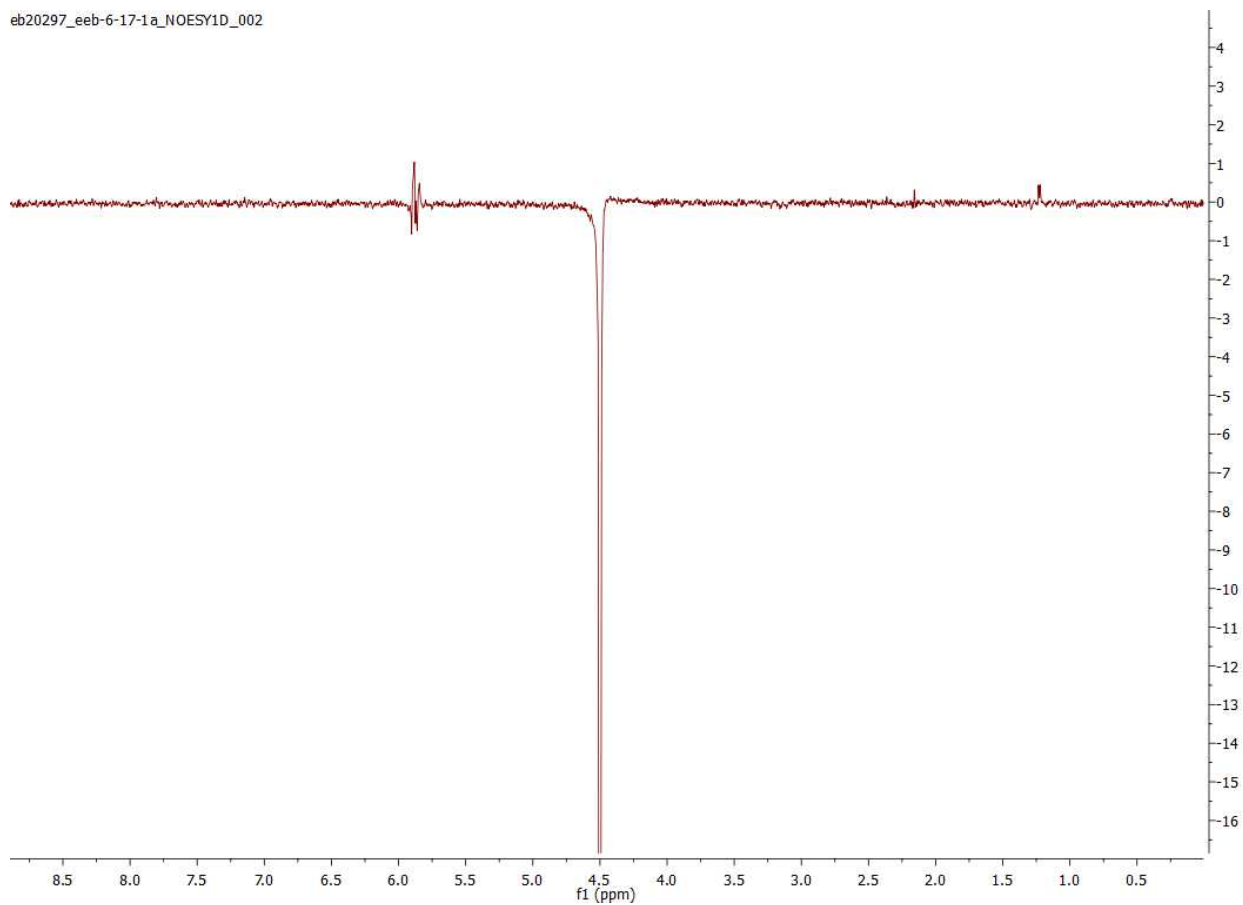


(±)-1-((3*R*,8*aS*)-2-Methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indol-3(4*H*)-yl)ethan-1-one- Major Diastereomer 14b

eb20297_eeb-6-17-1a_NOESY1D_001

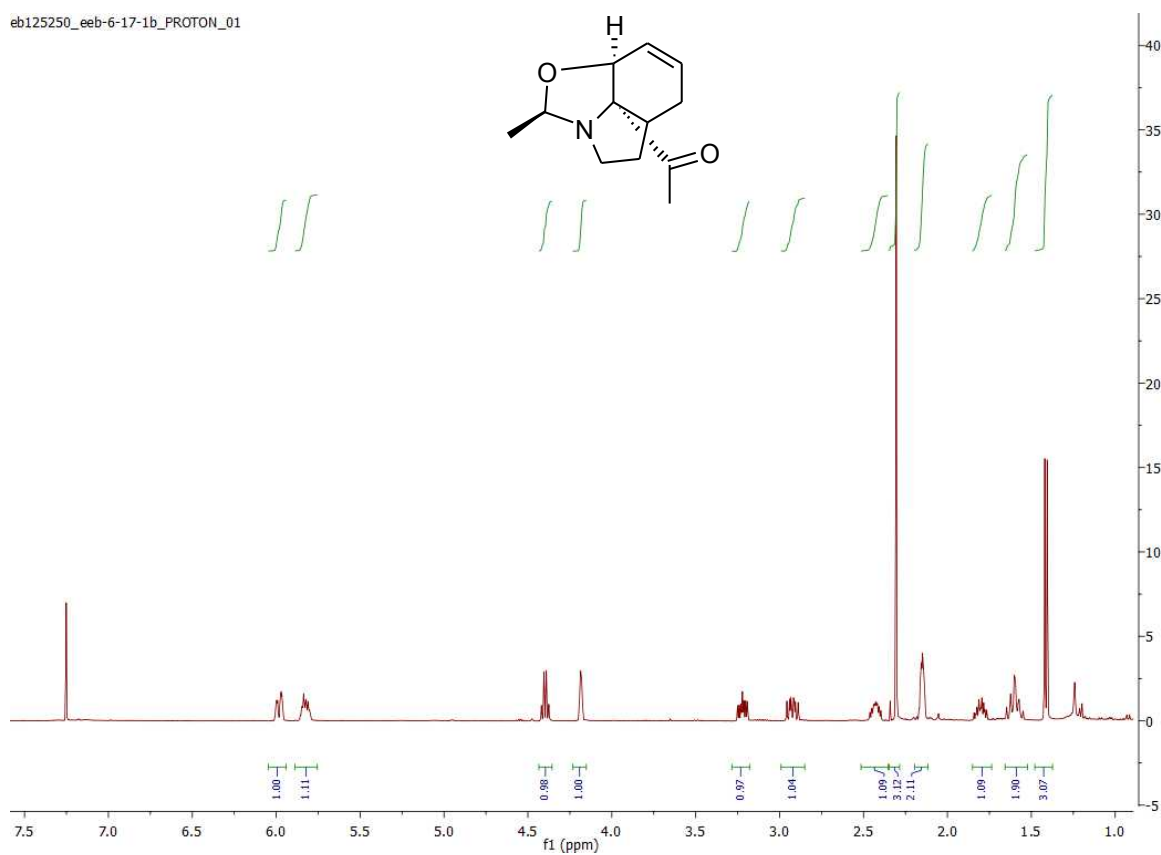


eb20297_eeb-6-17-1a_NOESY1D_002

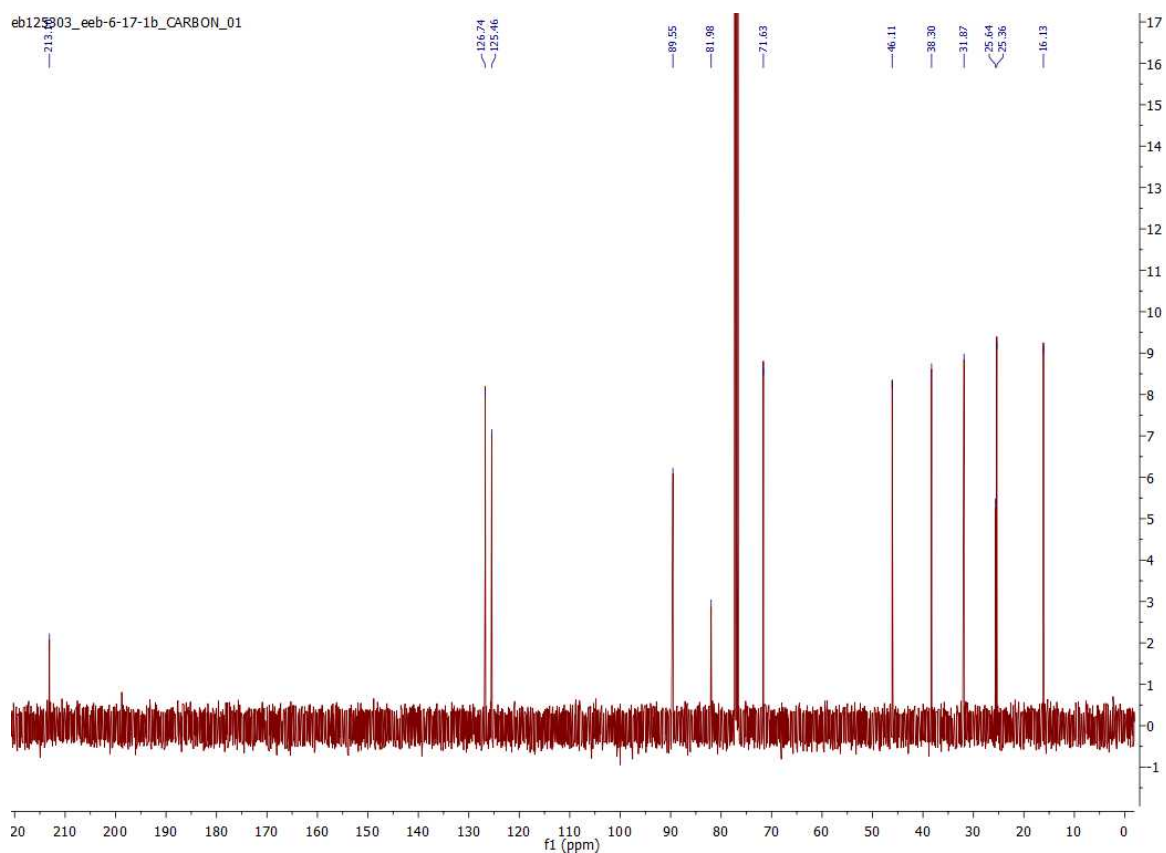


(±)-1-((2*R*,3*R*,8*aS*)-2-methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*i]indol-3(4*H*)-yl)ethan-1-one Minor diastereomer 14b

eb125250_eeb-6-17-1b_PROTON_01

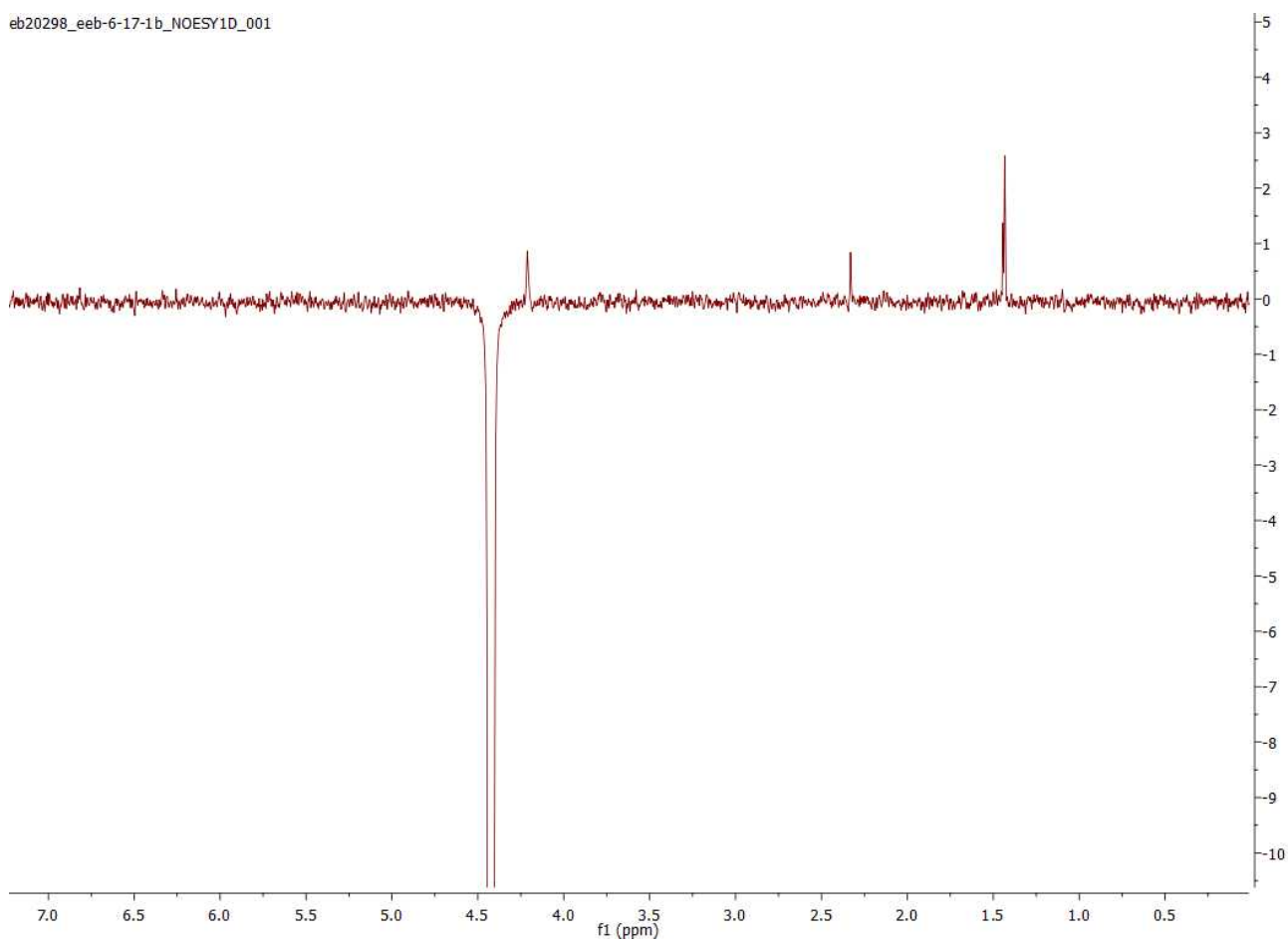


eb125250_eeb-6-17-1b_CARBON_01

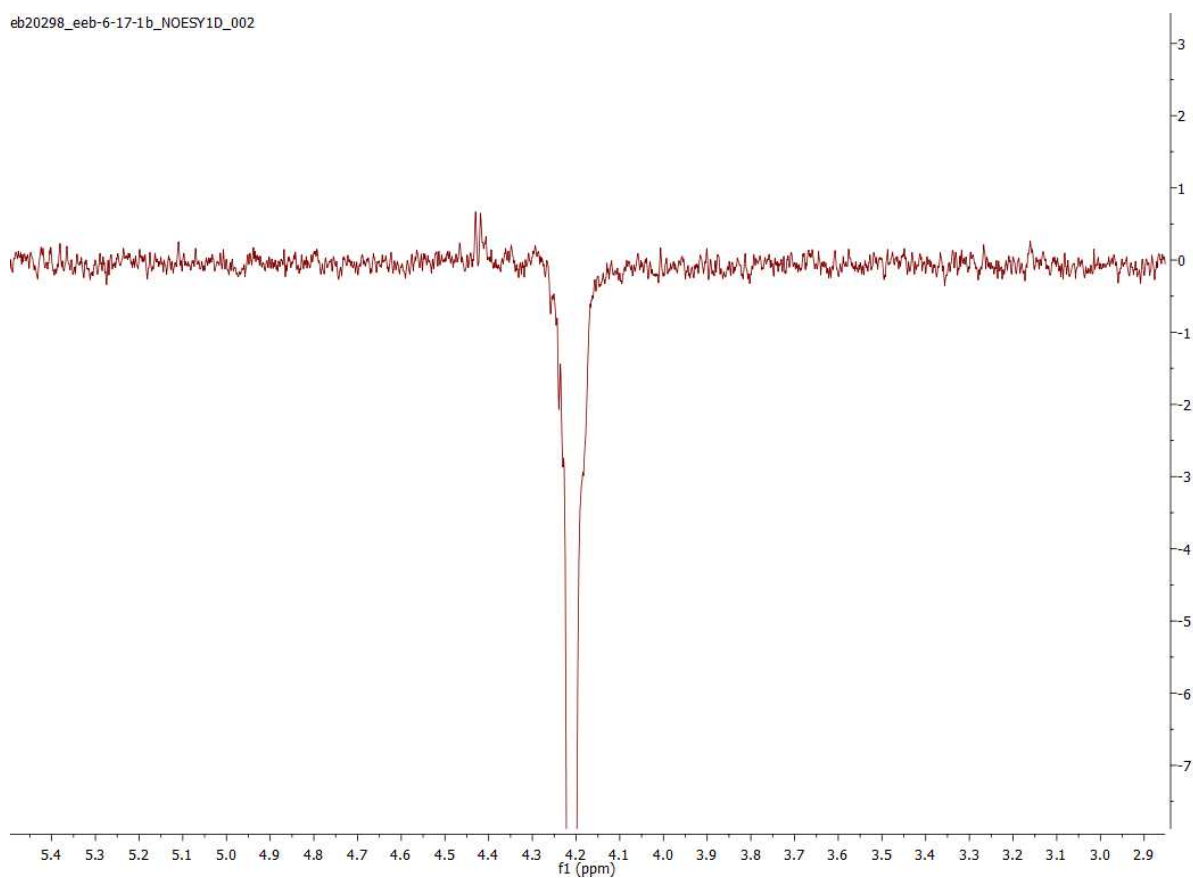


(±)-1-((2*R*,3*R*,8*aS*)-2-methyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*hi*]indol-3(4*H*)-yl)ethan-1-one Minor diastereomer 14b

eb20298_eeb-6-17-1b_NOESY1D_001

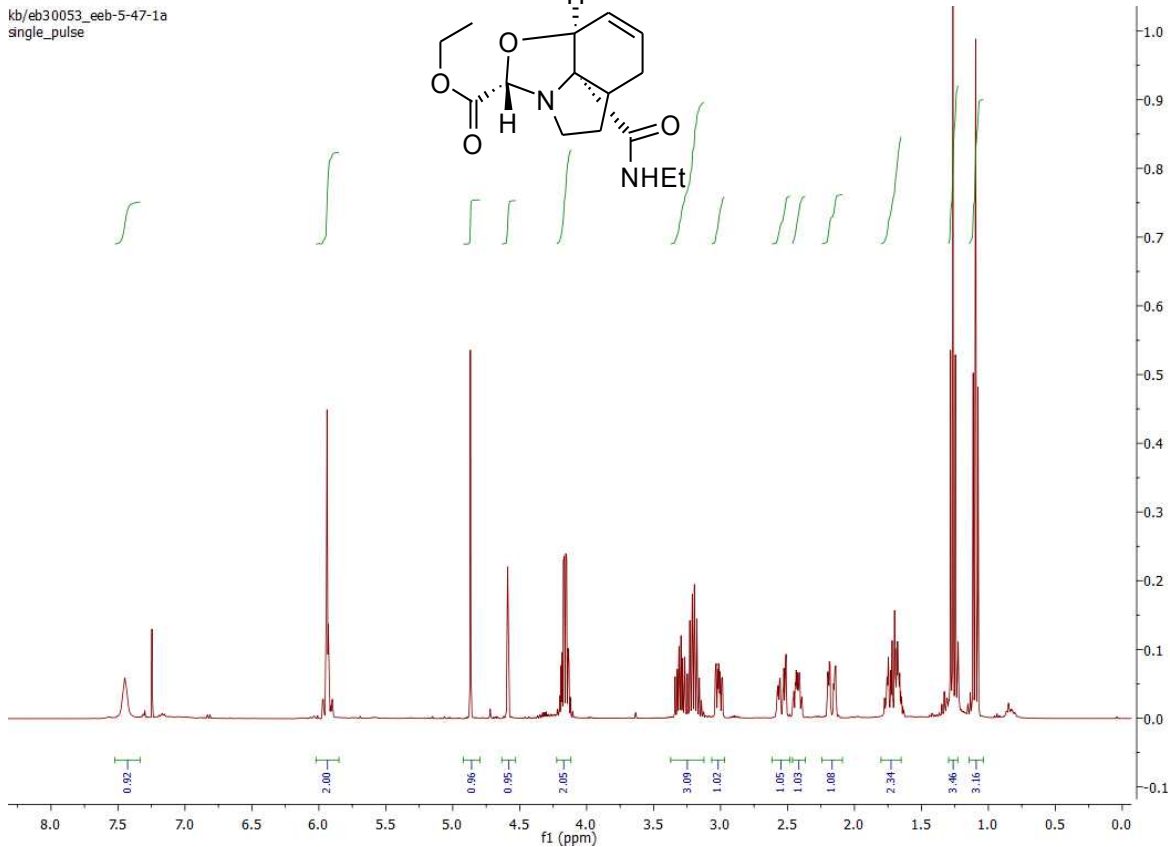
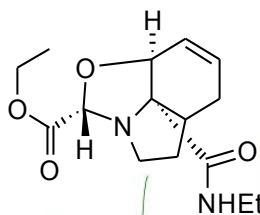


eb20298_eeb-6-17-1b_NOESY1D_002

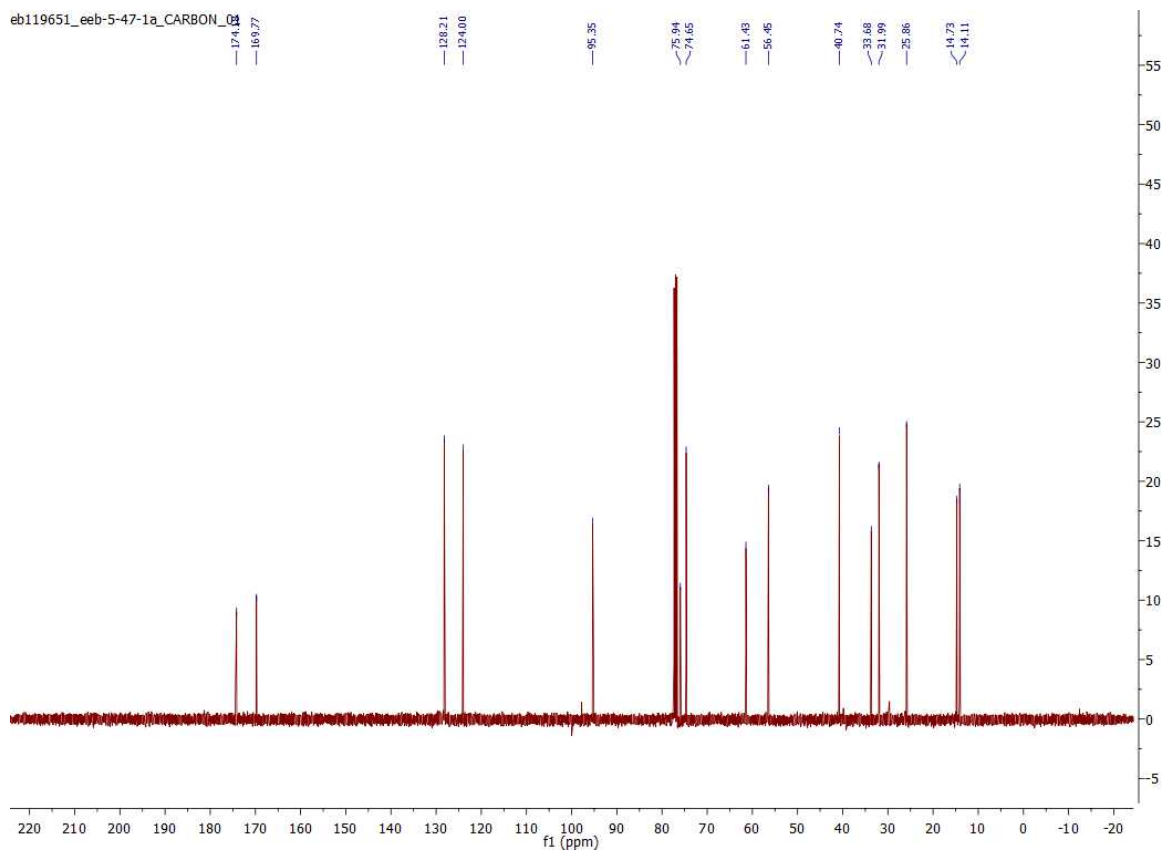


(±)-Ethyl (3*R*,8*aS*)-31-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*hi*]indole-2-carboxylate- Major diastereomer 15a

kb/eb30053_eeb-5-47-1a
single_pulse

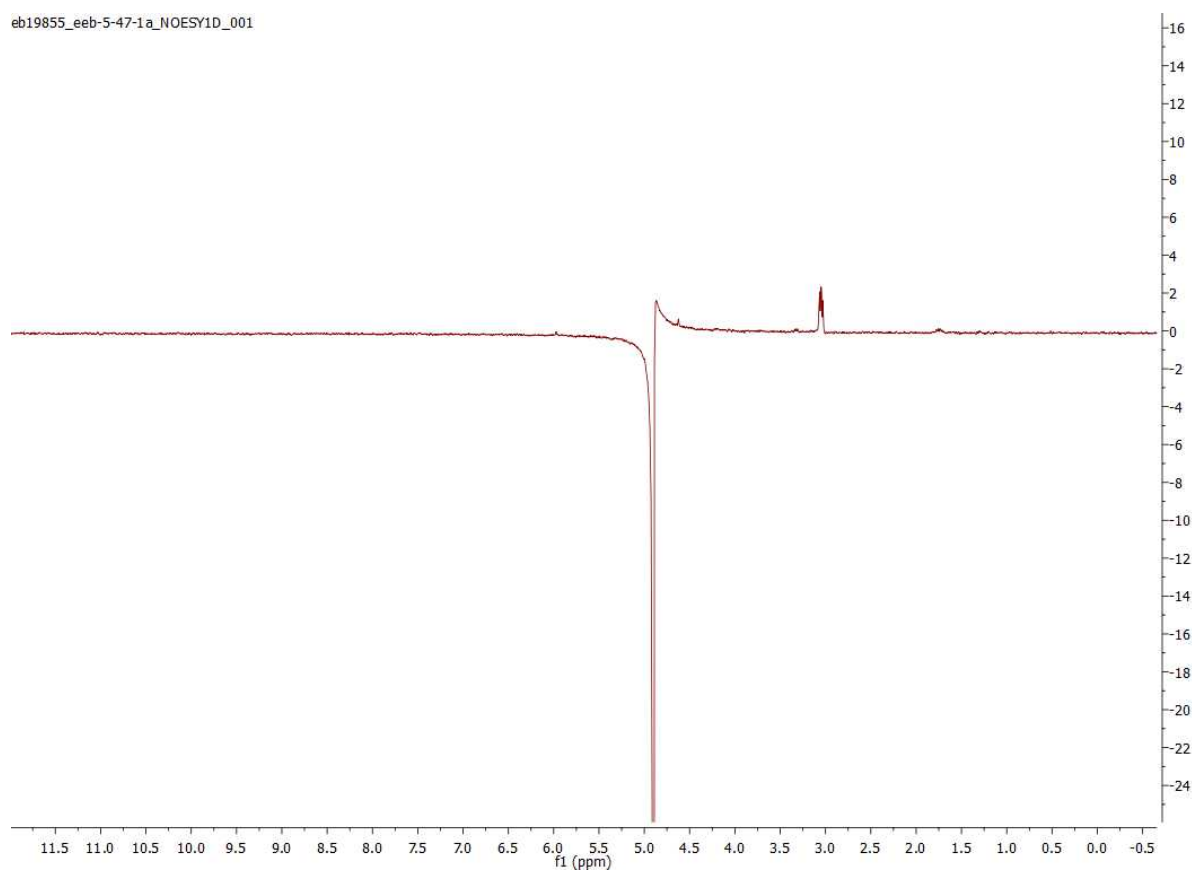


eb119651_eeb-5-47-1a_CARBON_03

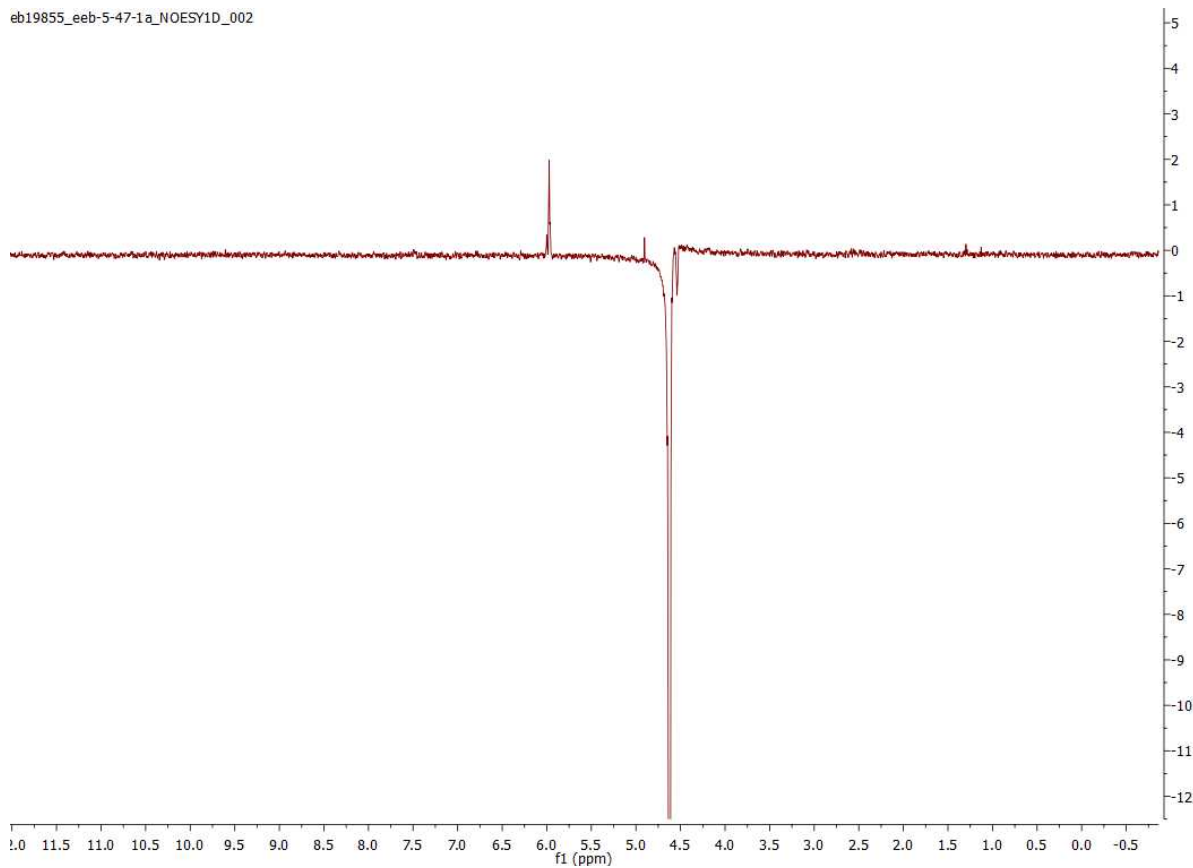


(±)-Ethyl (3*R*,8*aS*)-31-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*hi*]indole-2-carboxylate- Major diastereomer 15a

eb19855_eeb-5-47-1a_NOESY1D_001

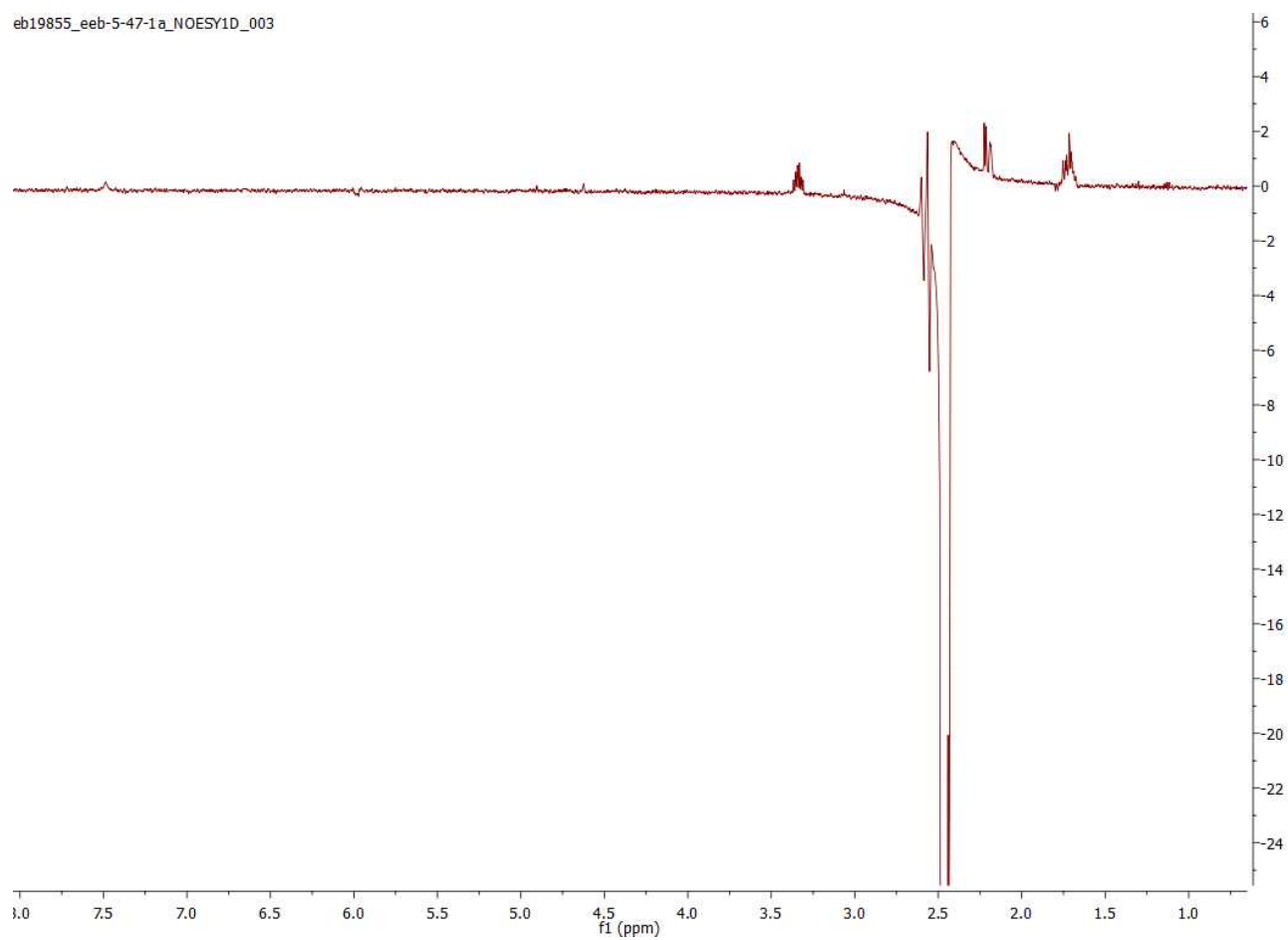


eb19855_eeb-5-47-1a_NOESY1D_002



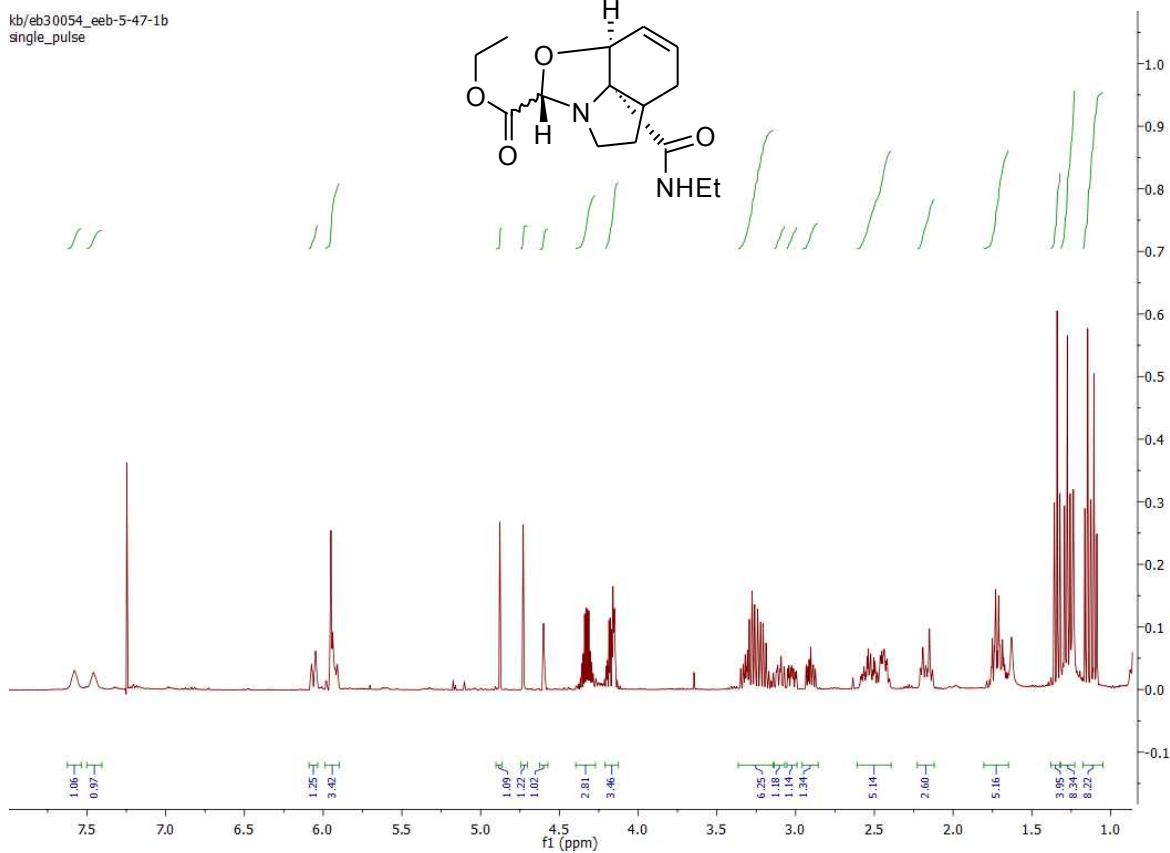
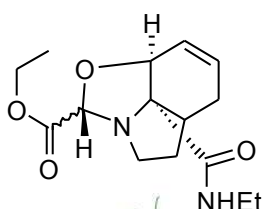
(±)-Ethyl (3*R*,8*aS*)-31-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*hi*]indole-2-carboxylate- Major diastereomer 15a

eb19855_eeb-5-47-1a_NOESY1D_003

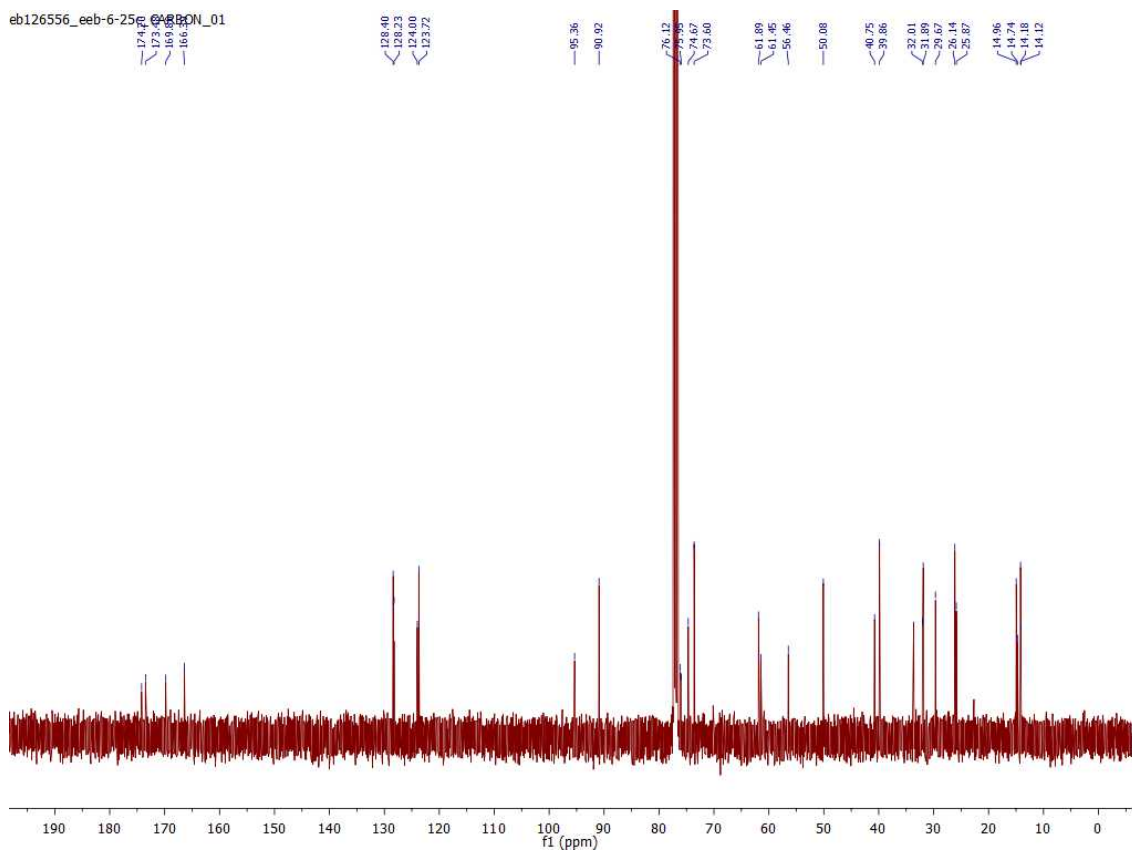


(±)-Ethyl (3*R*,8*aS*)-3-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4-*b*]indole-2-carboxylate – mixture of diastereomers 15a

kb/eb30054_eeb-5-47-1b
single_pulse

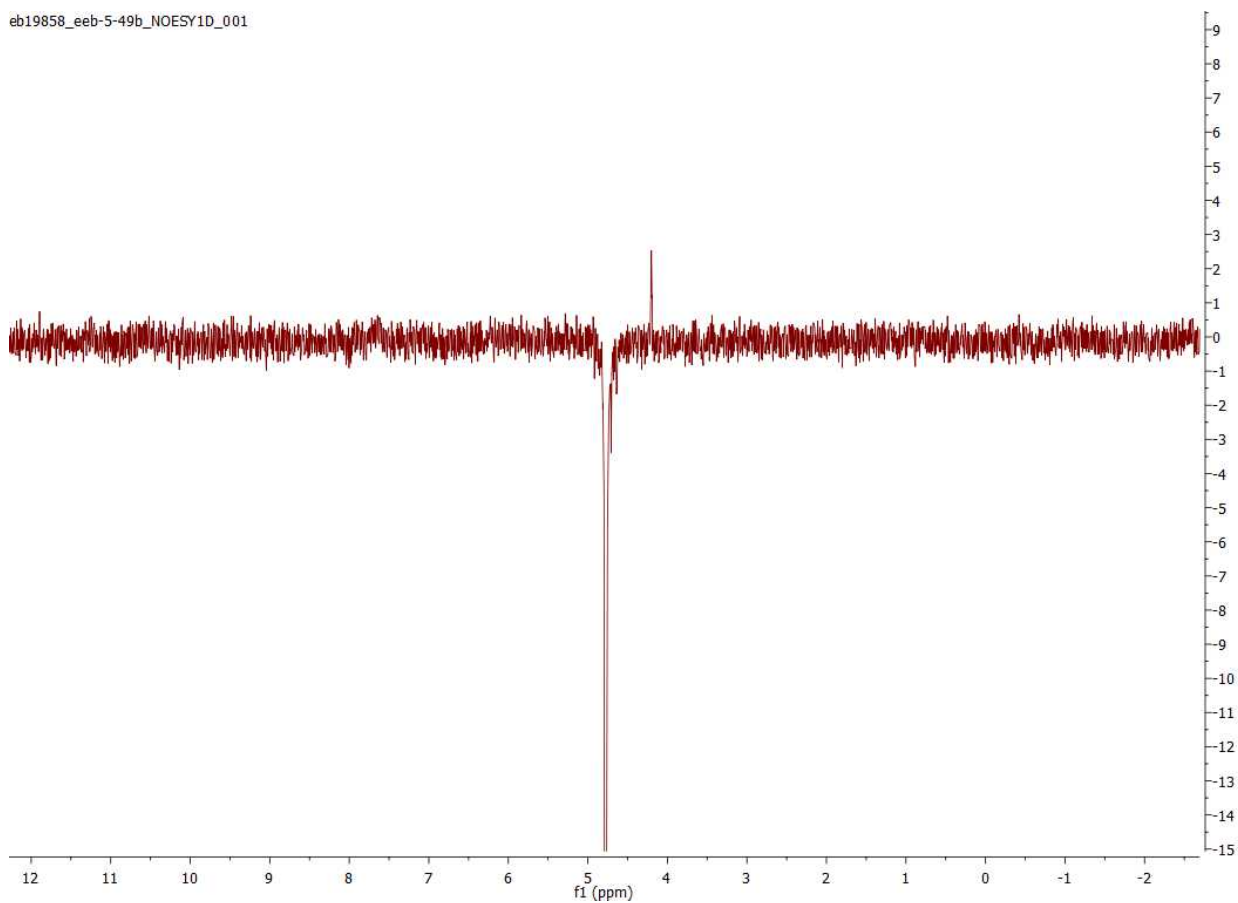


eb126556_eeb-6-25-6-CAUTION_01

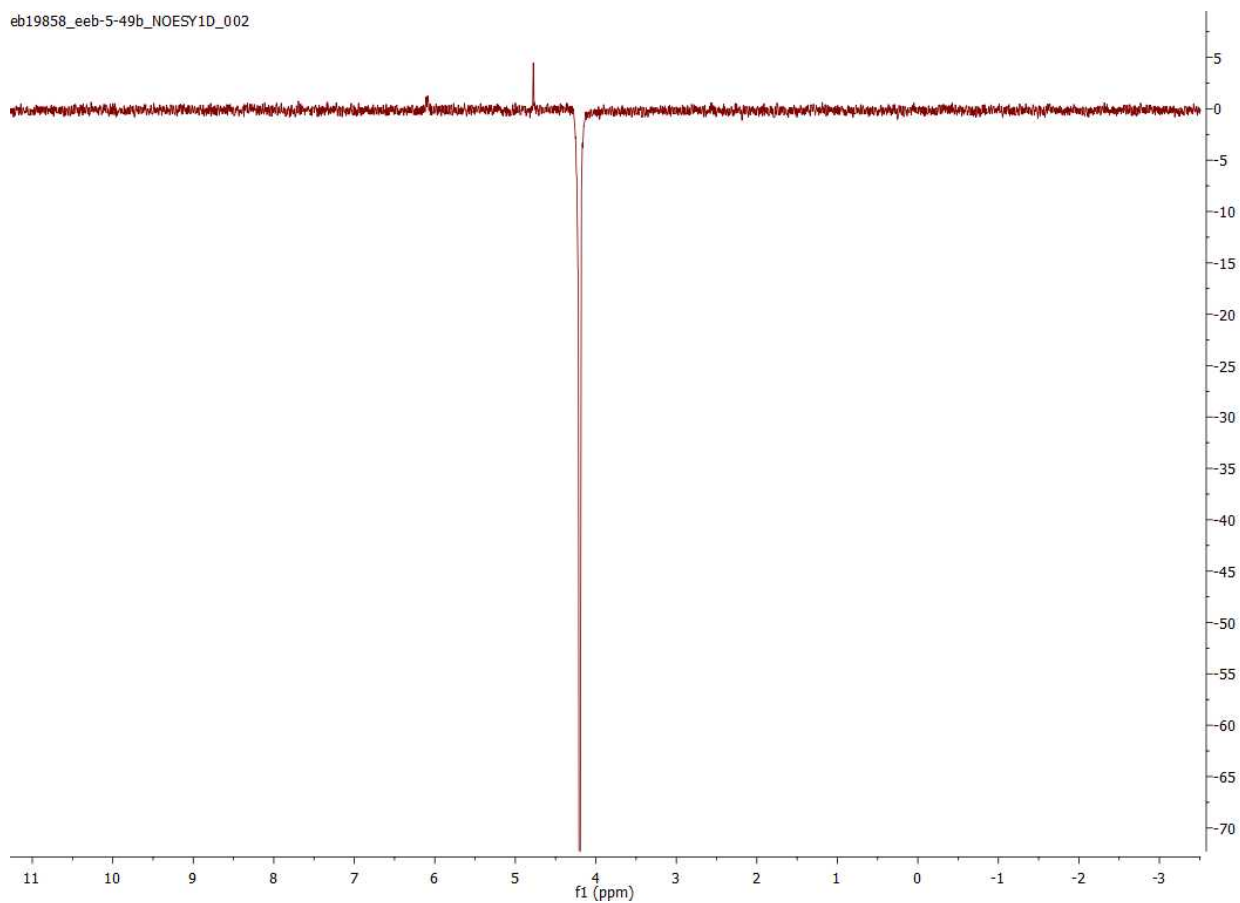


(±)-Ethyl (3*R*,8*aS*)-3-(ethylcarbamoyl)-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*]indole-2-carboxylate – mixture of diastereomers 15a

eb19858_eeb-5-49b_NOESY1D_001

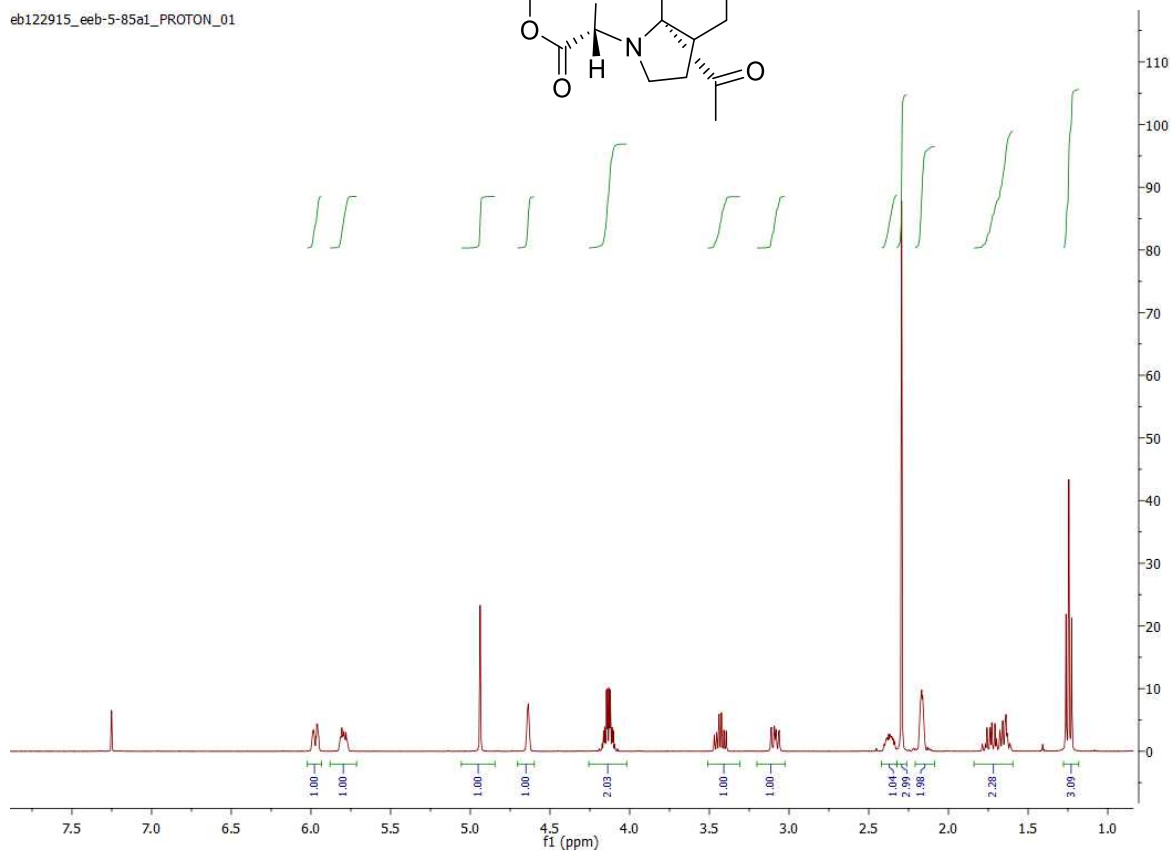
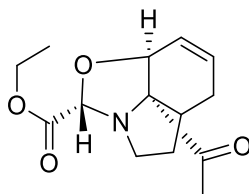


eb19858_eeb-5-49b_NOESY1D_002

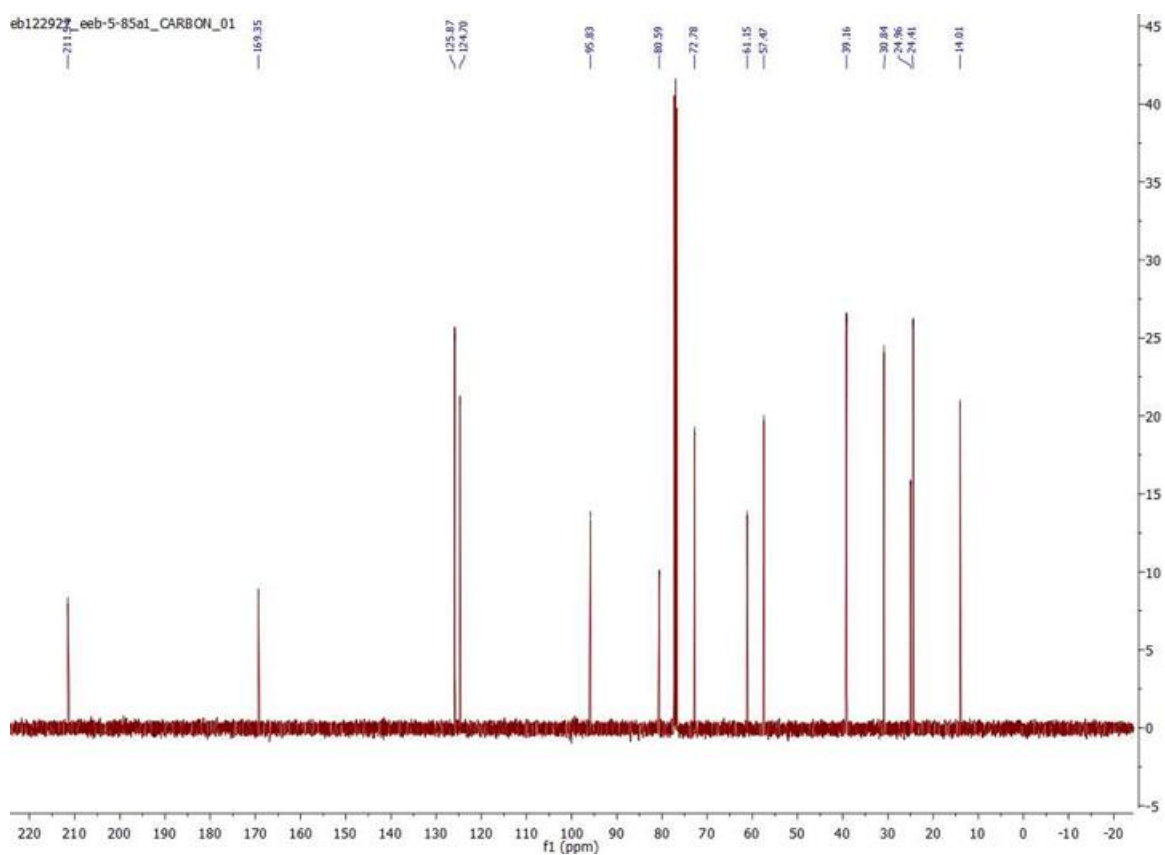


(±)-Ethyl (2*S*,3*R*,8*aS*)-3-acetyl-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*]indole-2-carboxylate— Major Diastereomer 15b

eb122915_eeb-5-85a1_PROTON_01

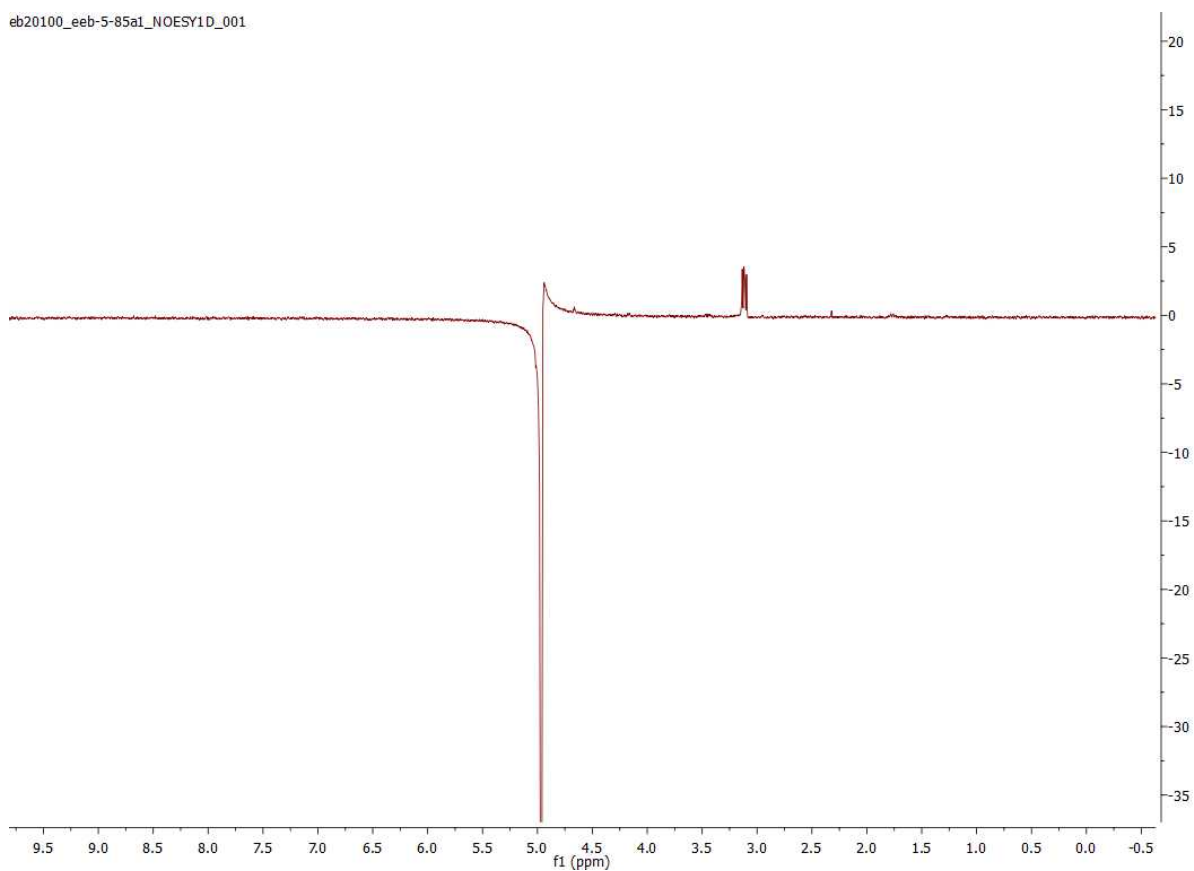


eb122927_eeb-5-85a1_CARBON_01

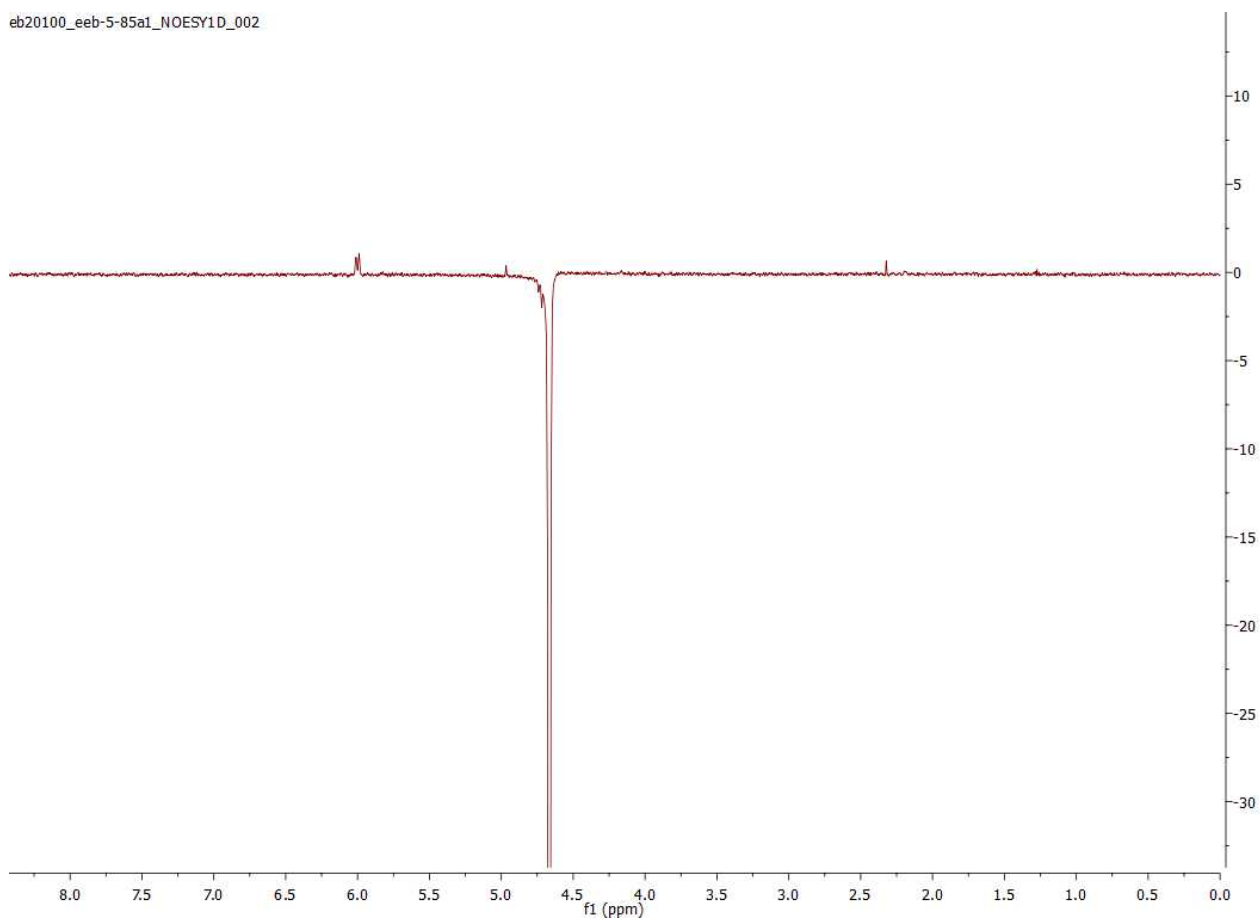


(±)-Ethyl (2*S*,3*R*,8*aS*)-3-acetyl-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*]indole-2-carboxylate— Major Diastereomer 15b

eb20100_eeb-5-85a1_NOESY1D_001

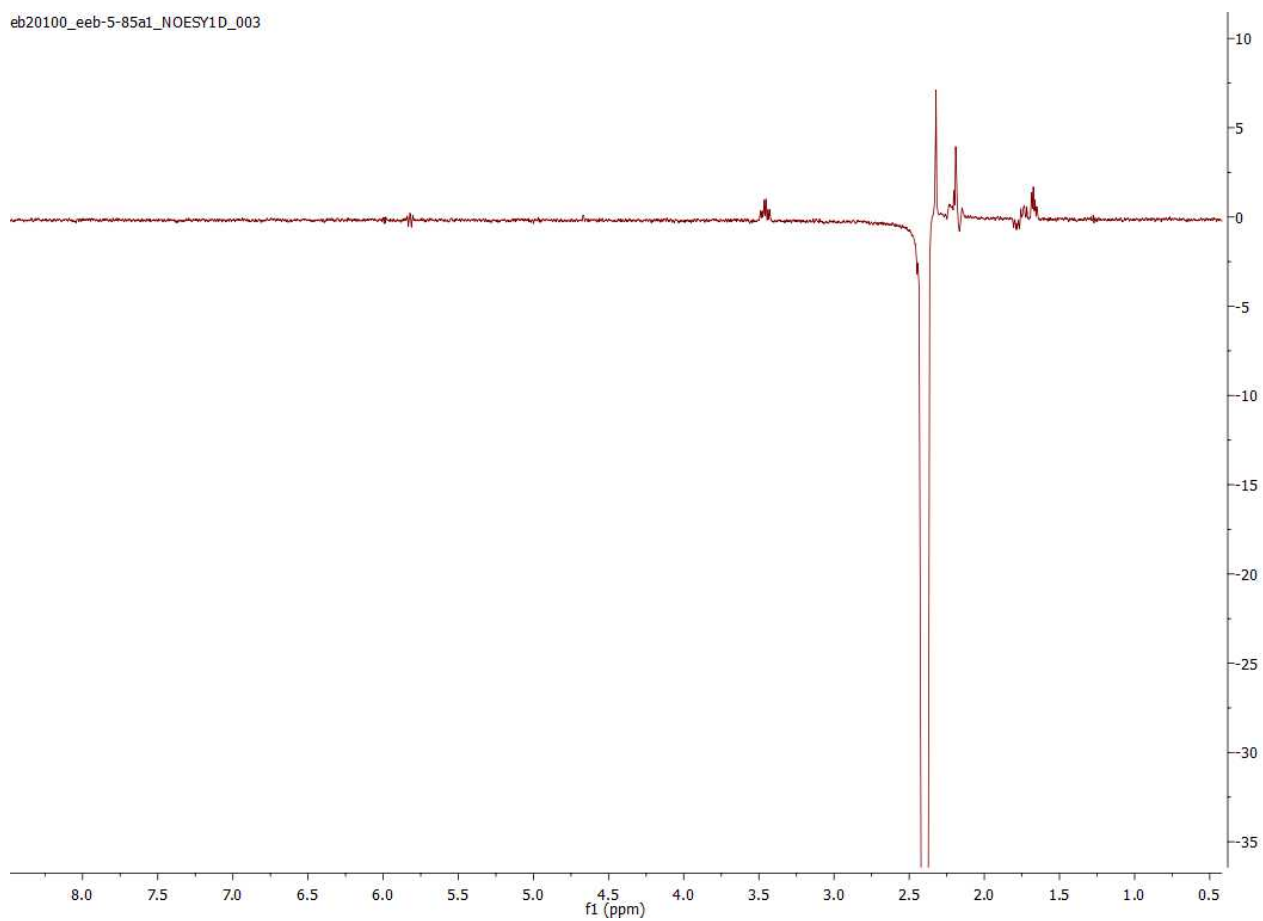


eb20100_eeb-5-85a1_NOESY1D_002



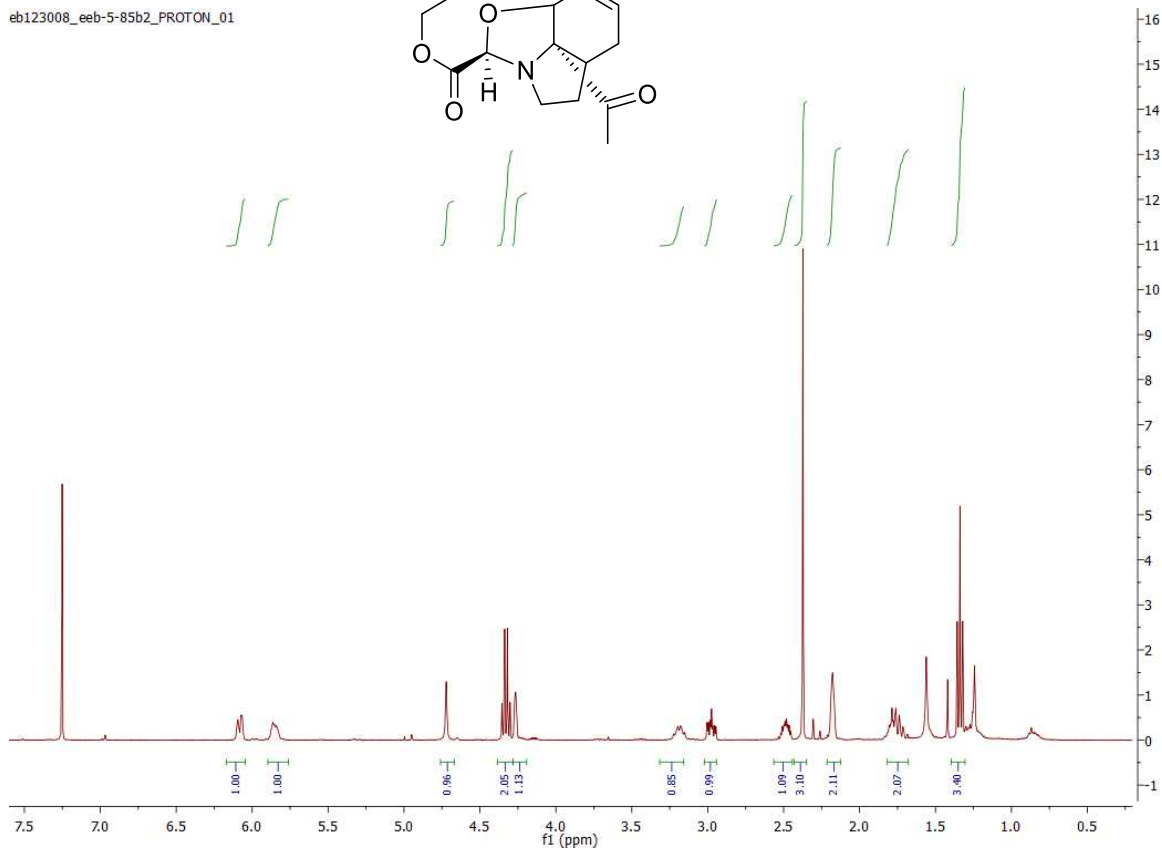
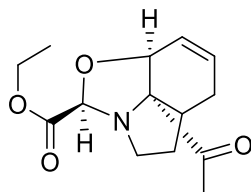
(±)-Ethyl (2*S*,3*R*,8*aS*)-3-acetyl-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*i]indole-2-carboxylate— Major Diastereomer 15b

eb20100_eeb-5-85a1_NOESY1D_003

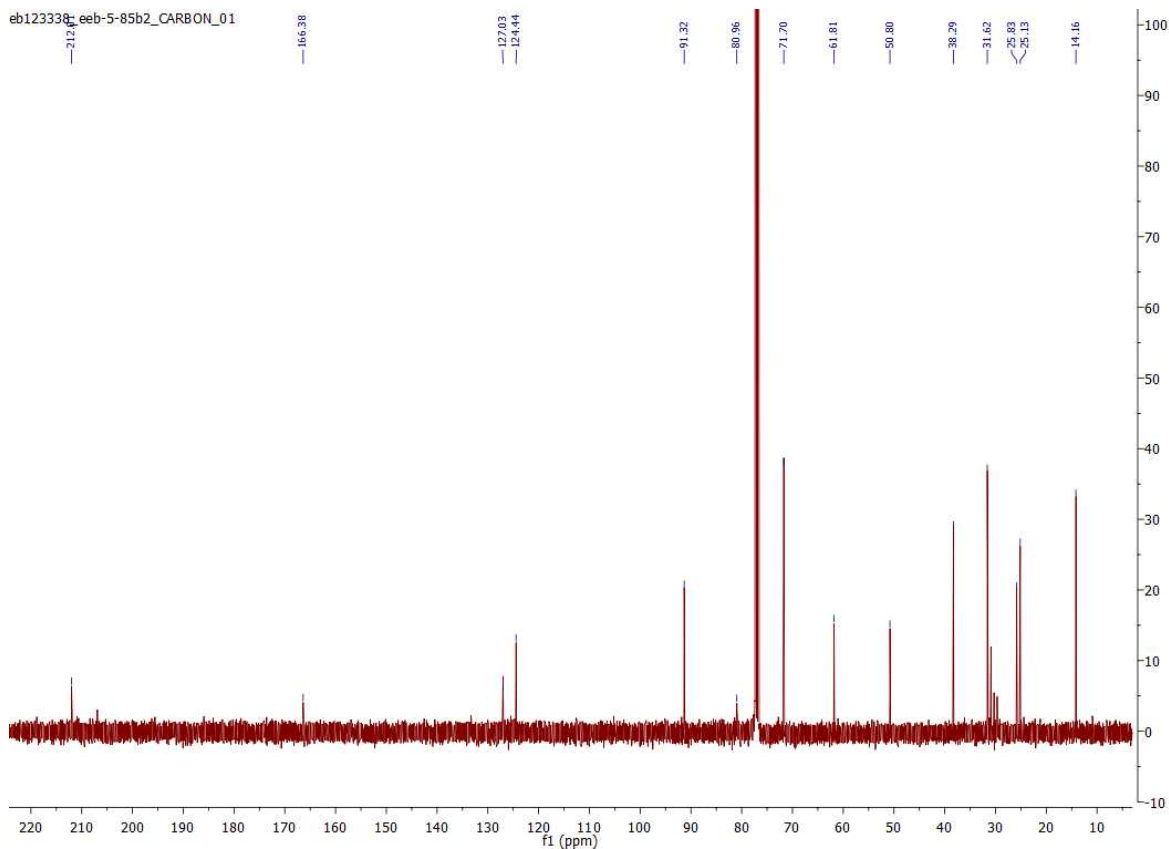


(±)-Ethyl (2*R*,3*R*,8*a**S*)-3-acetyl-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*]indole-2-carboxylate – minor diastereomer 15b

eb123008_eeb-5-85b2_PROTON_01

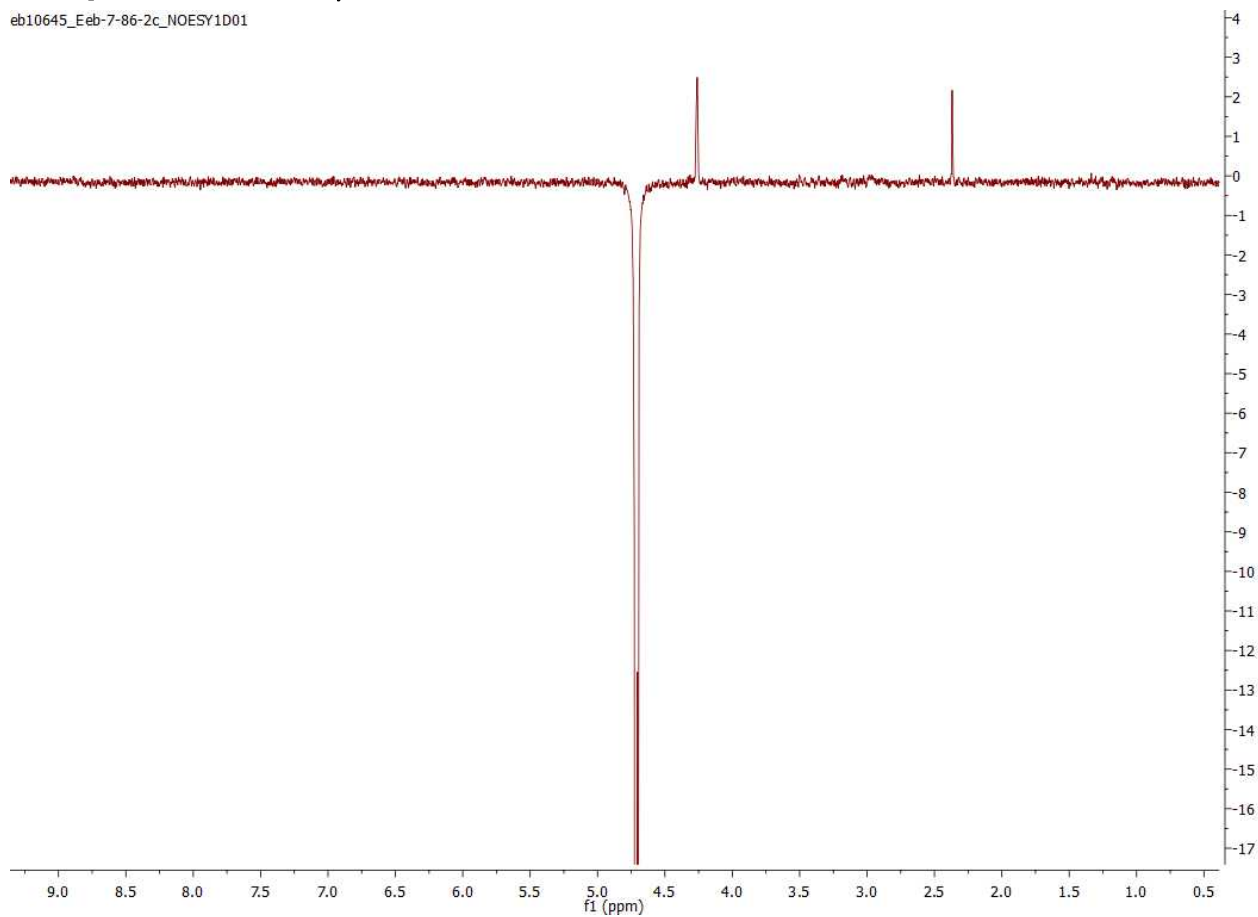


eb123338_eeb-5-85b2_CARBON_01

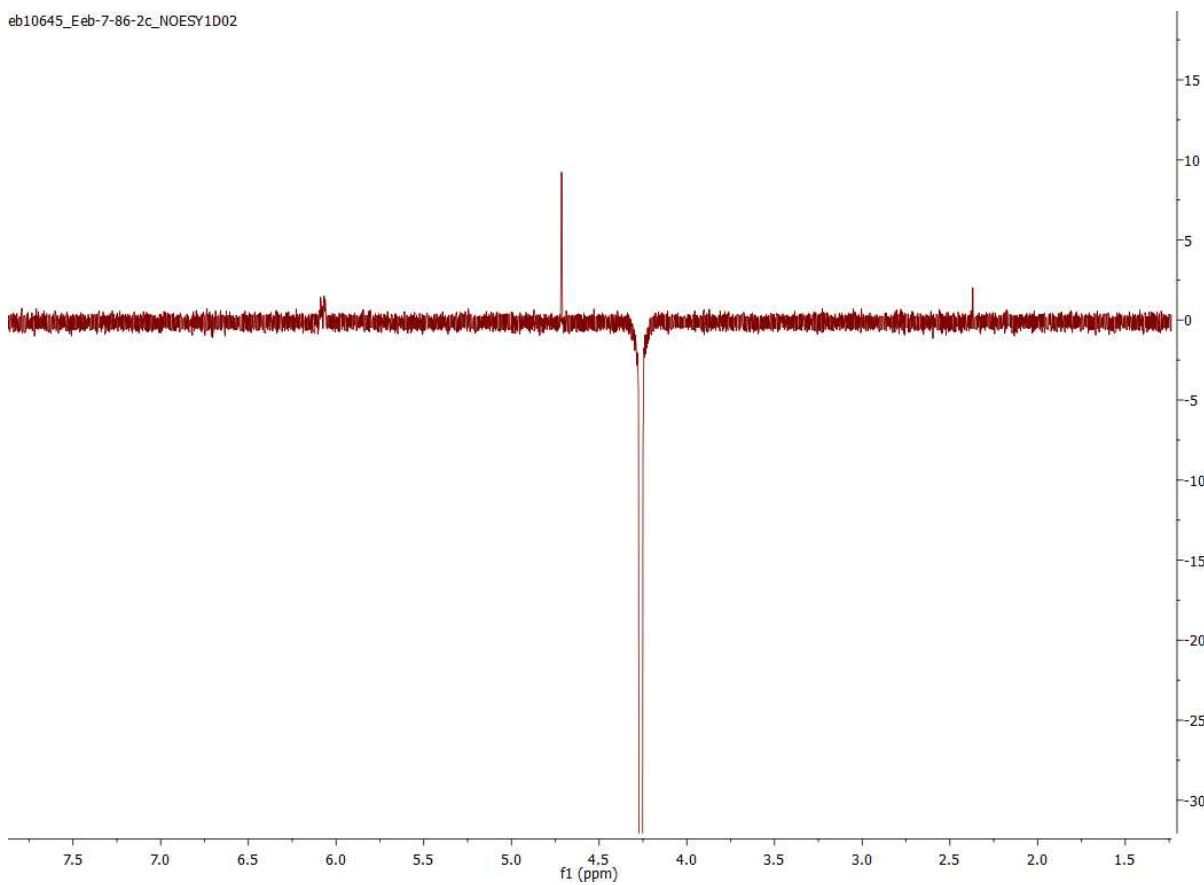


(±)-Ethyl (2*R*,3*R*,8*aS*)-3-acetyl-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*hi*]indole-2-carboxylate – minor diastereomer 15b

eb10645_Eeb-7-86-2c_NOESY1D01

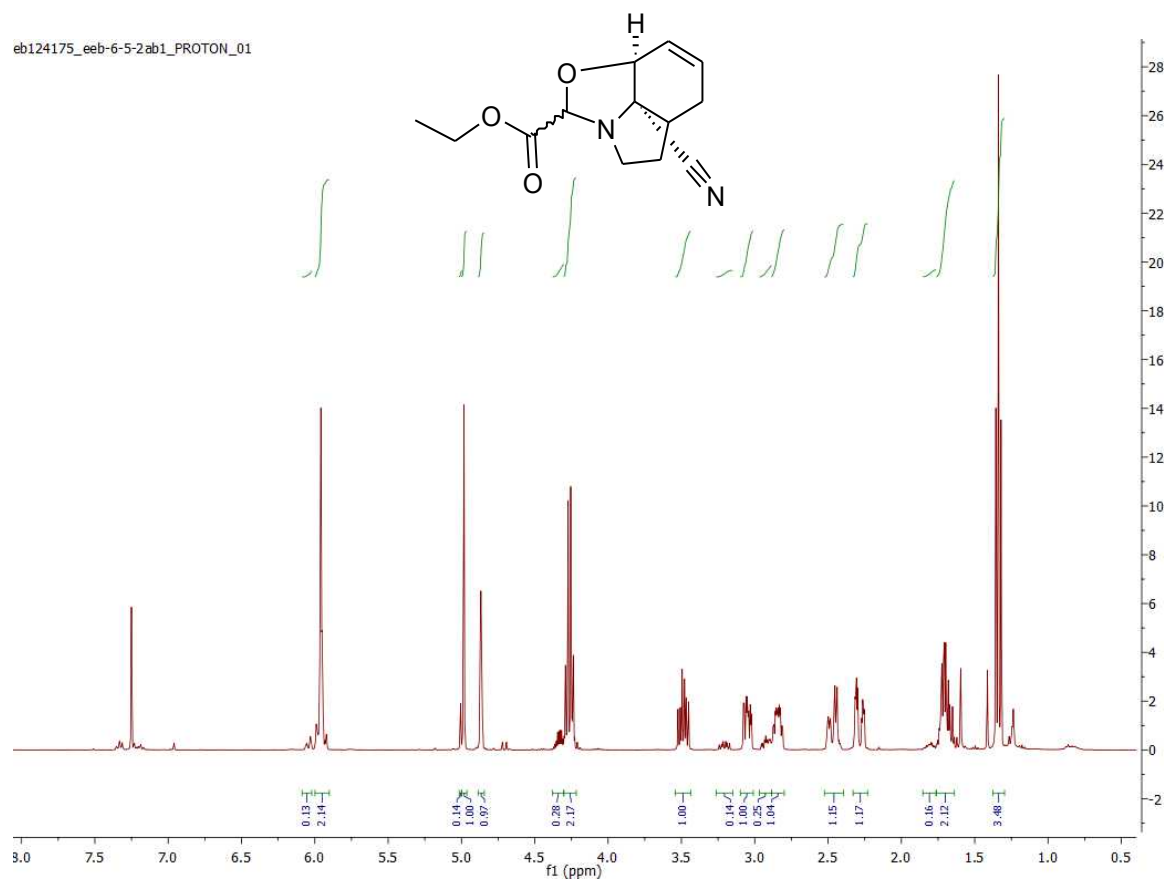


eb10645_Eeb-7-86-2c_NOESY1D02

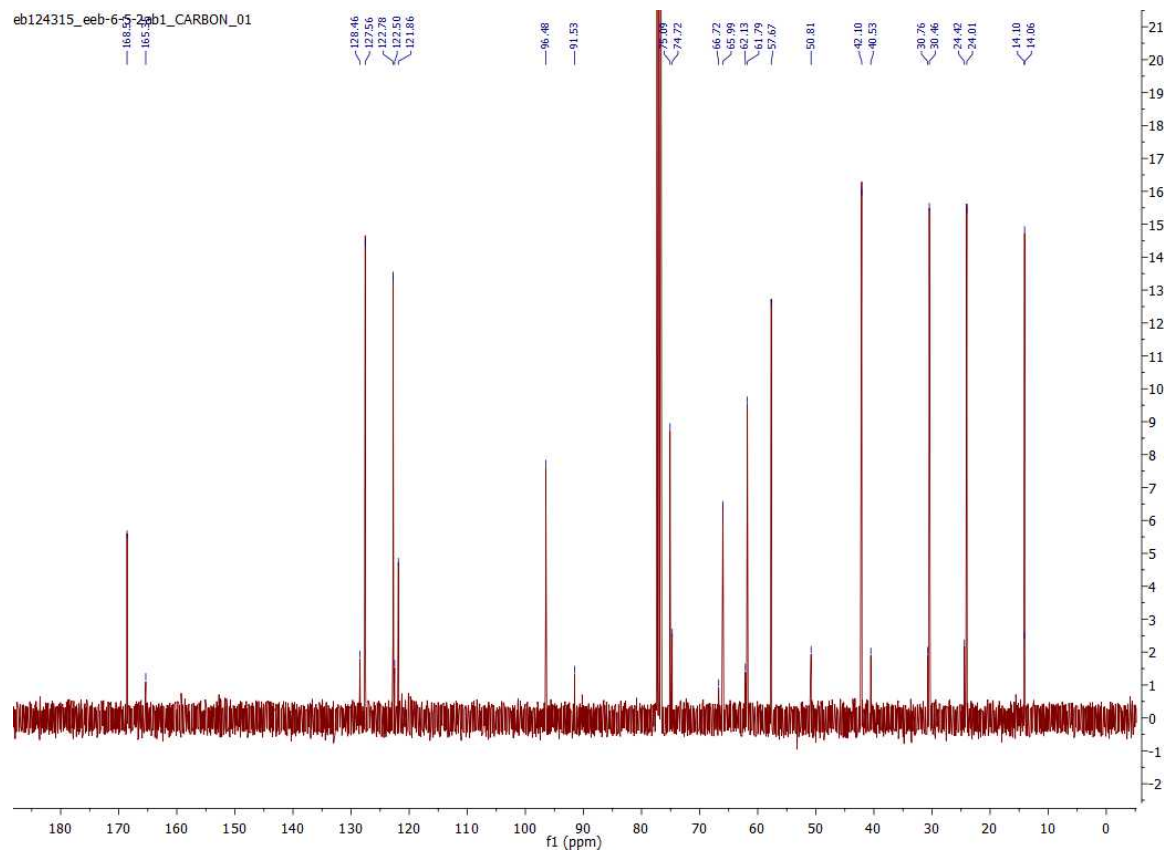


(±)-Ethyl (3*S*,8*aS*)-31-cyano-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*]indole-2-carboxylate 15c

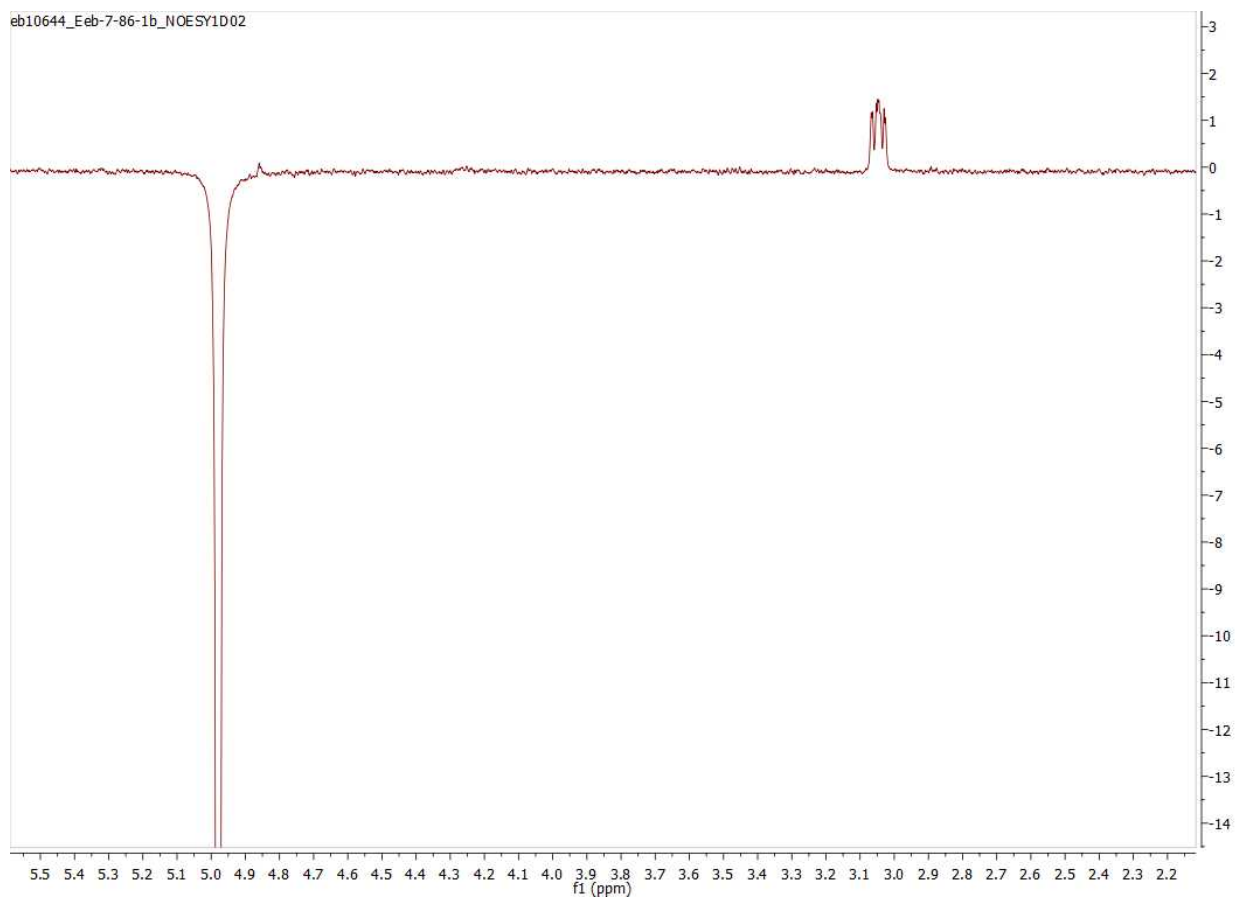
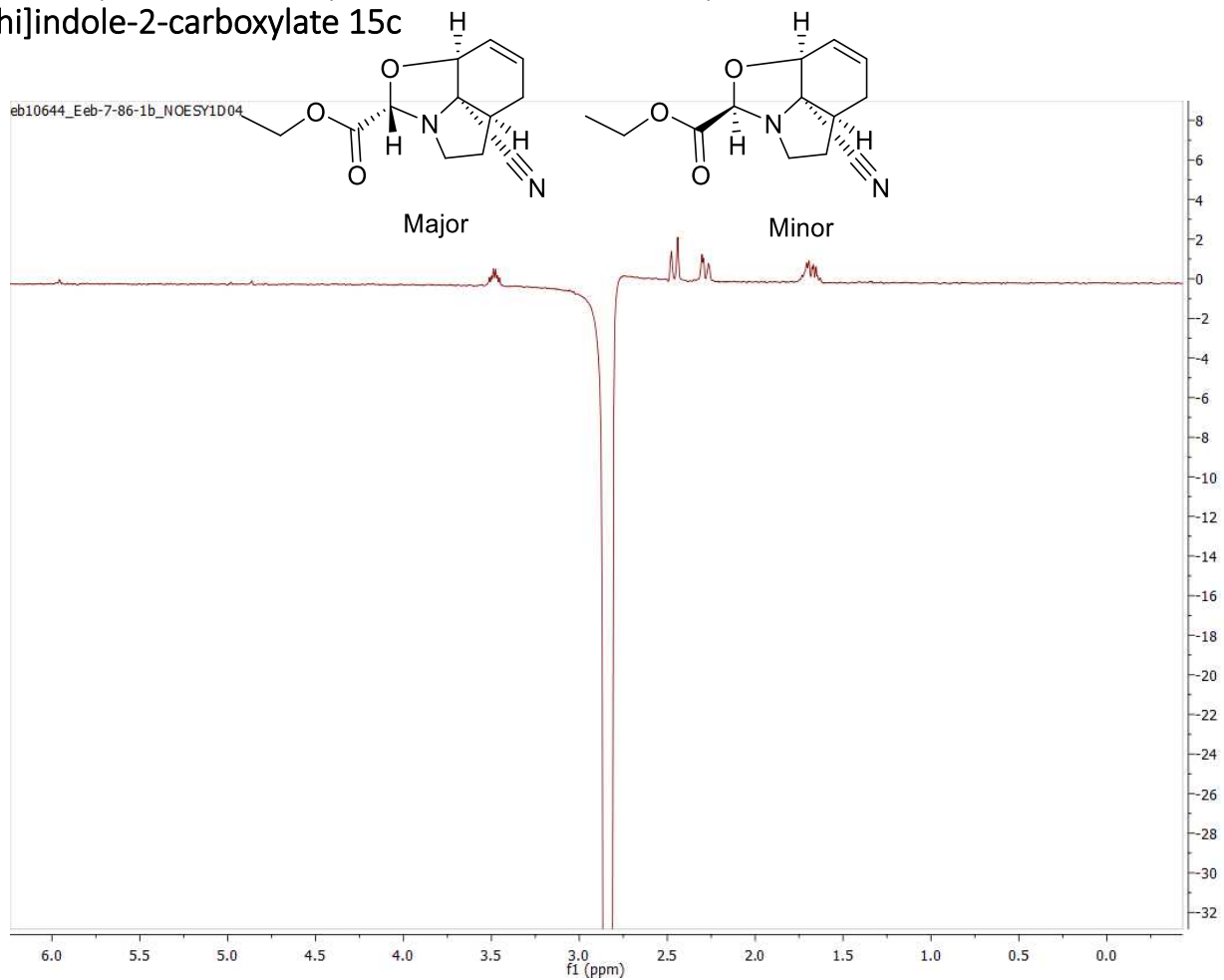
eb124175_eeb-6-5-2ab1_PROTON_01



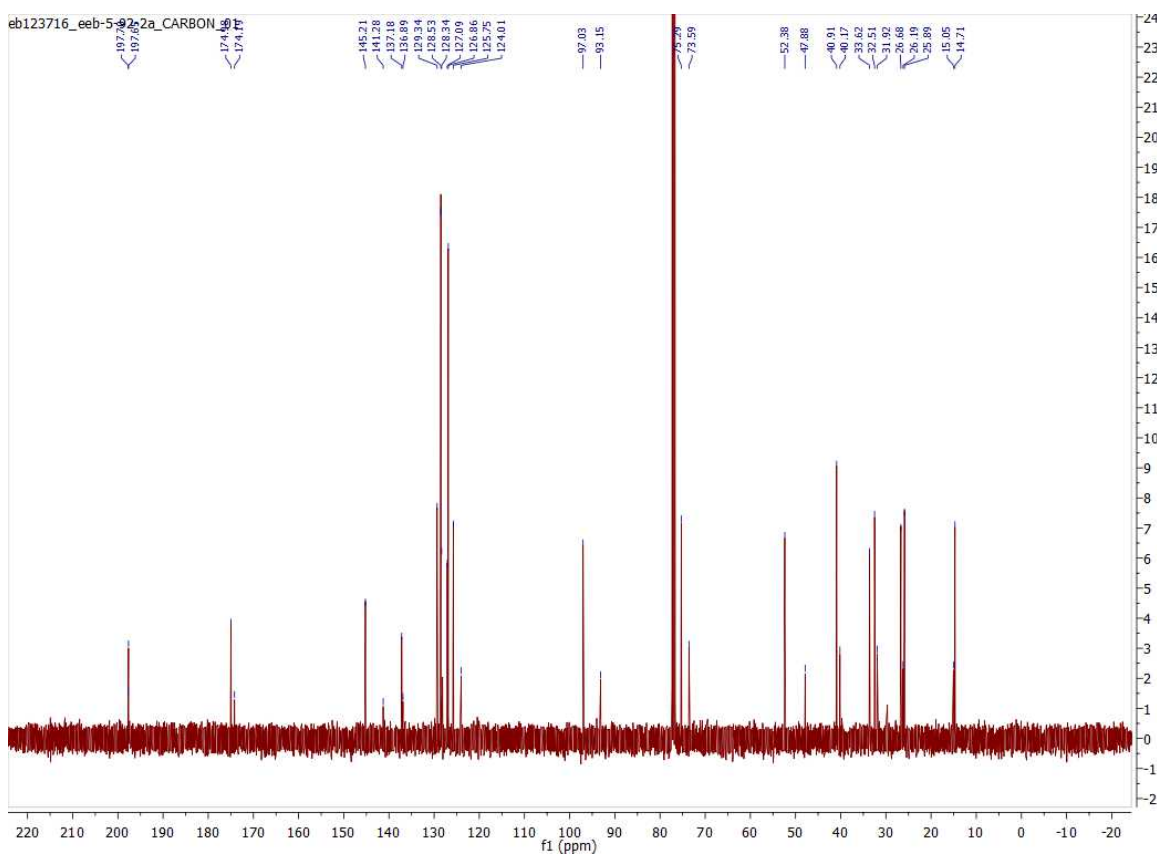
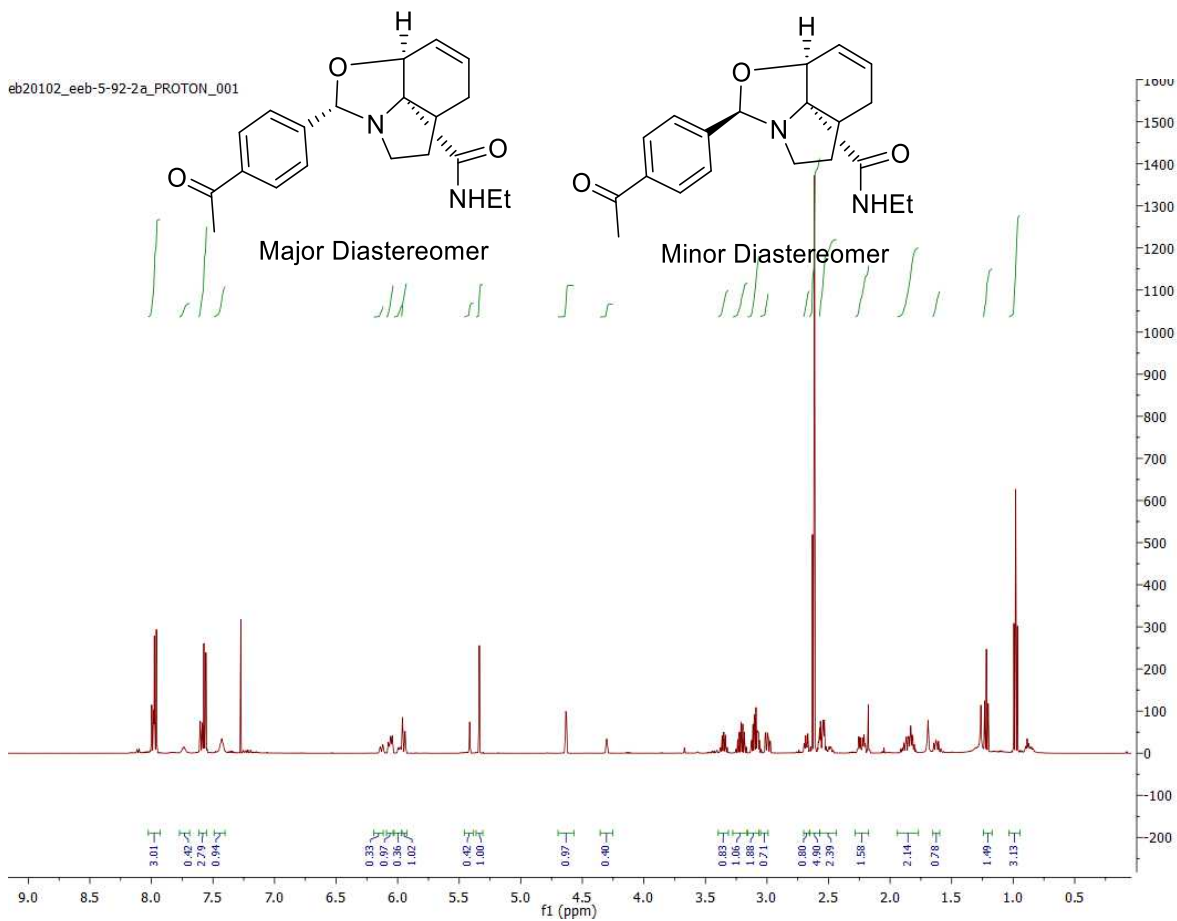
eb124315_eeb-6-5-2ab1_CARBON_01



(±)-Ethyl (3*S*,8*aS*)-31-cyano-3,4,5,5*a*,6,8*a*-hexahydro-2*H*-oxazolo[5,4,3-*h*i]indole-2-carboxylate 15c

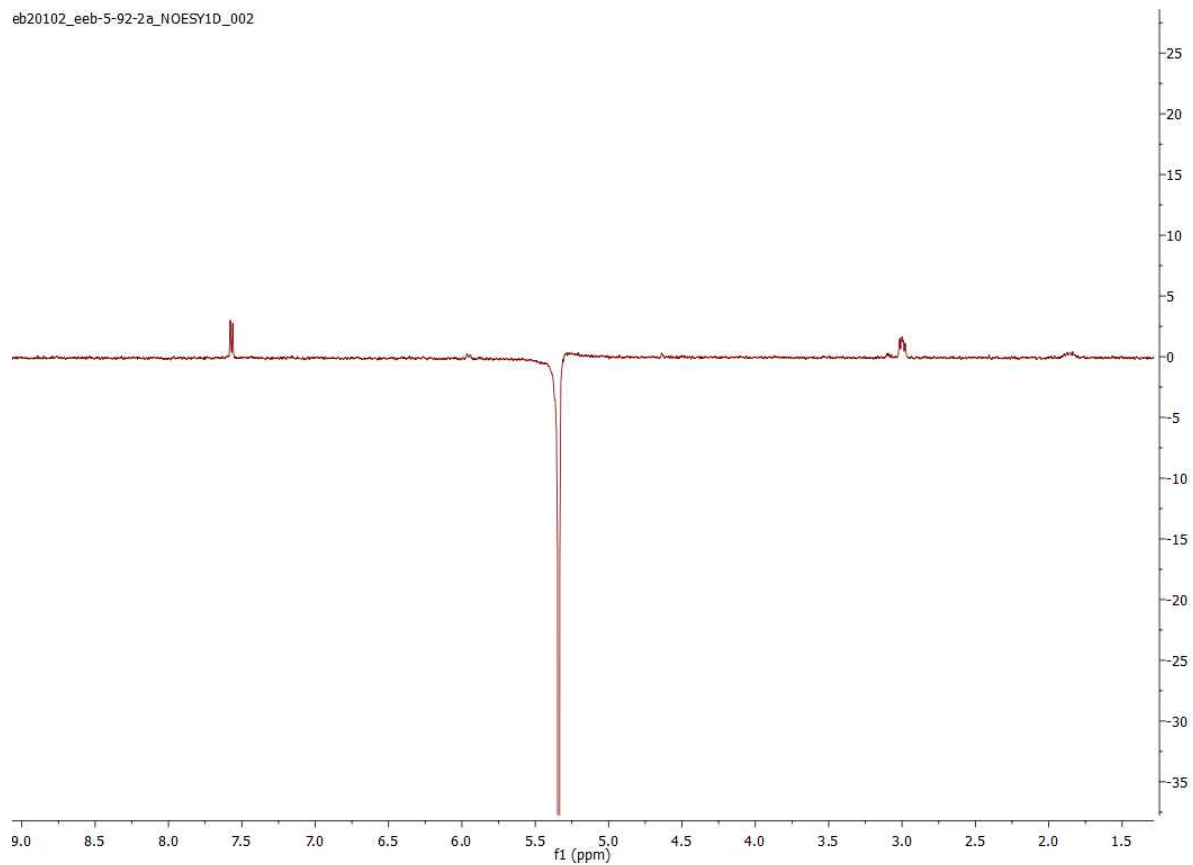


(±)-(3*R*,8*aS*)-2-(4-acetylphenyl)-*N*-ethyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*]indole-3(4*H*)-carboxamide 17a

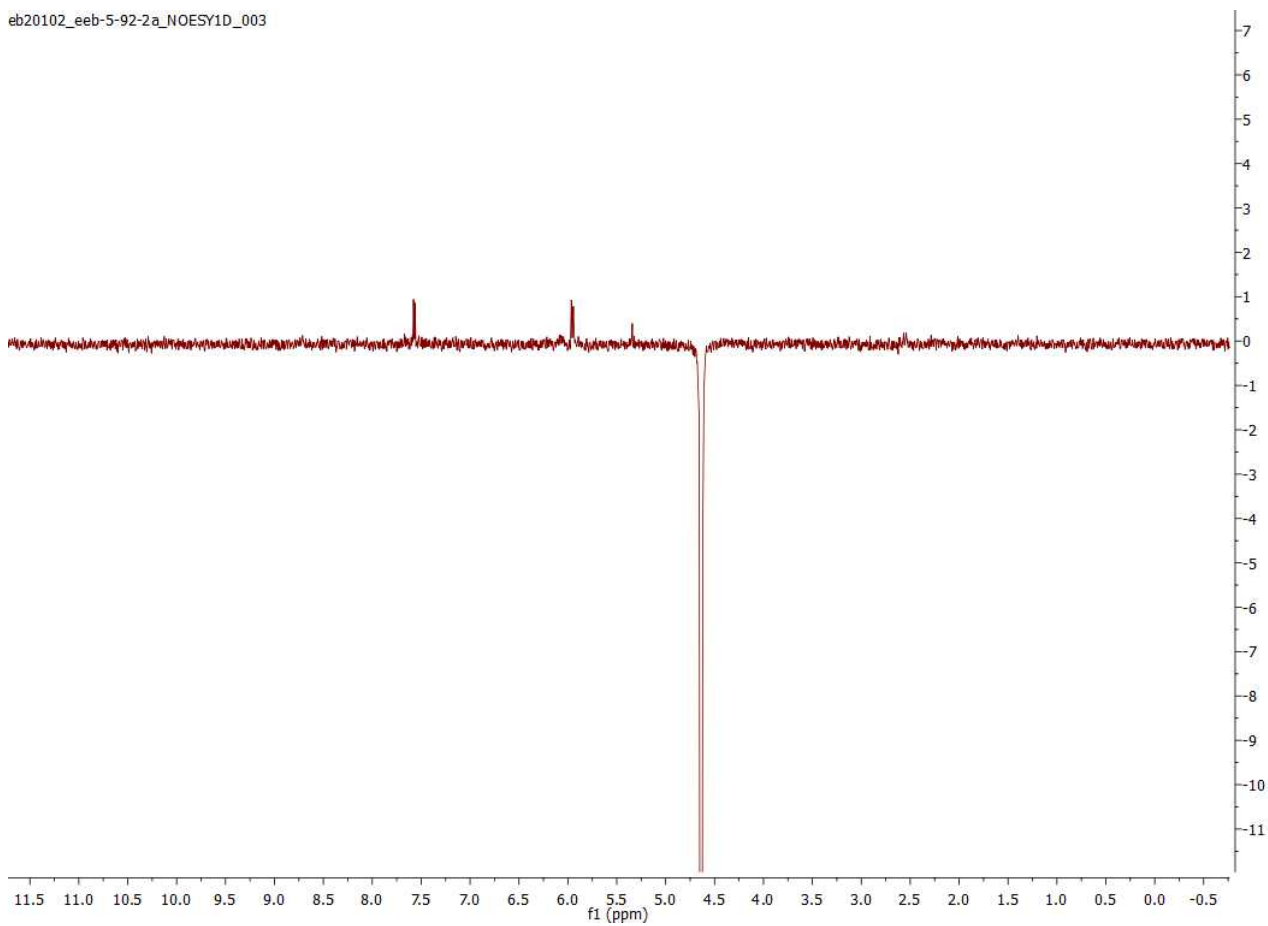


(±)-(3*R*,8*aS*)-2-(4-acetylphenyl)-*N*-ethyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*i]indole-3(4*H*)-carboxamide 17a

eb20102_eeb-5-92-2a_NOESY1D_002

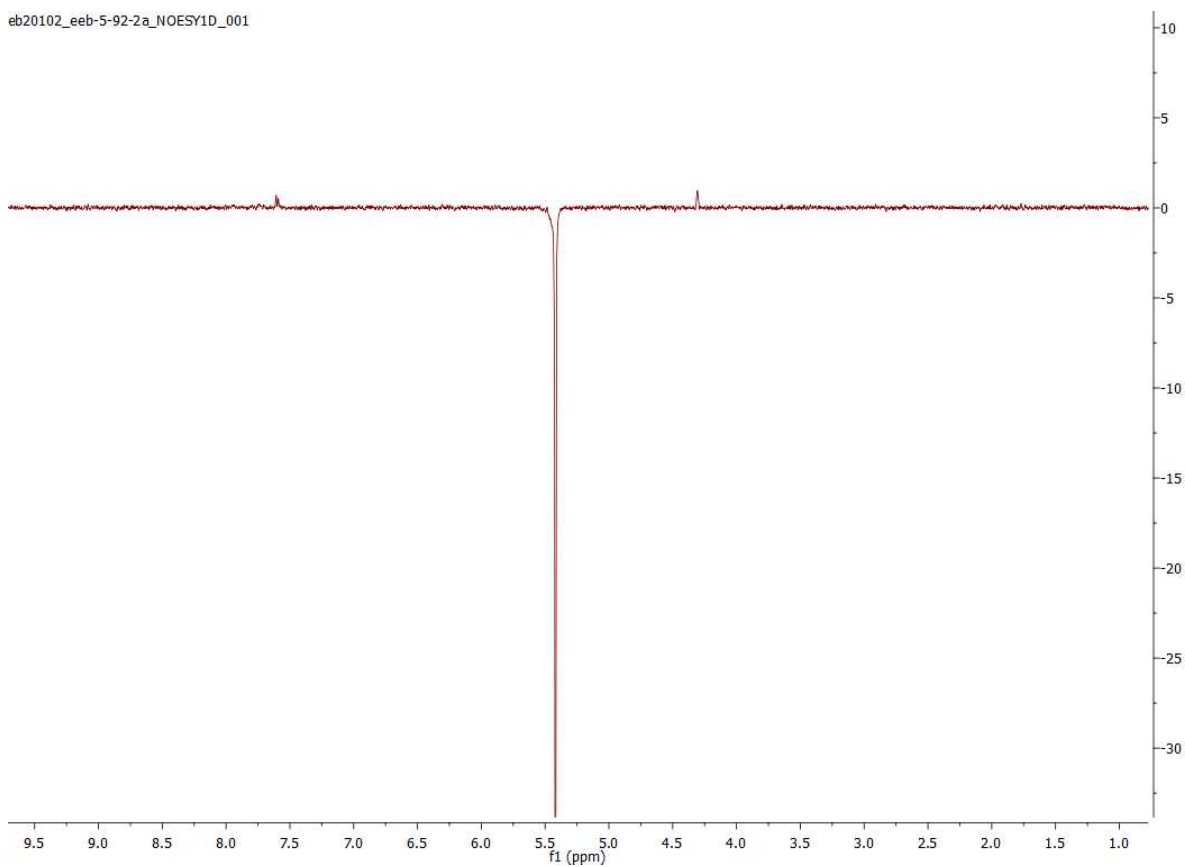


eb20102_eeb-5-92-2a_NOESY1D_003

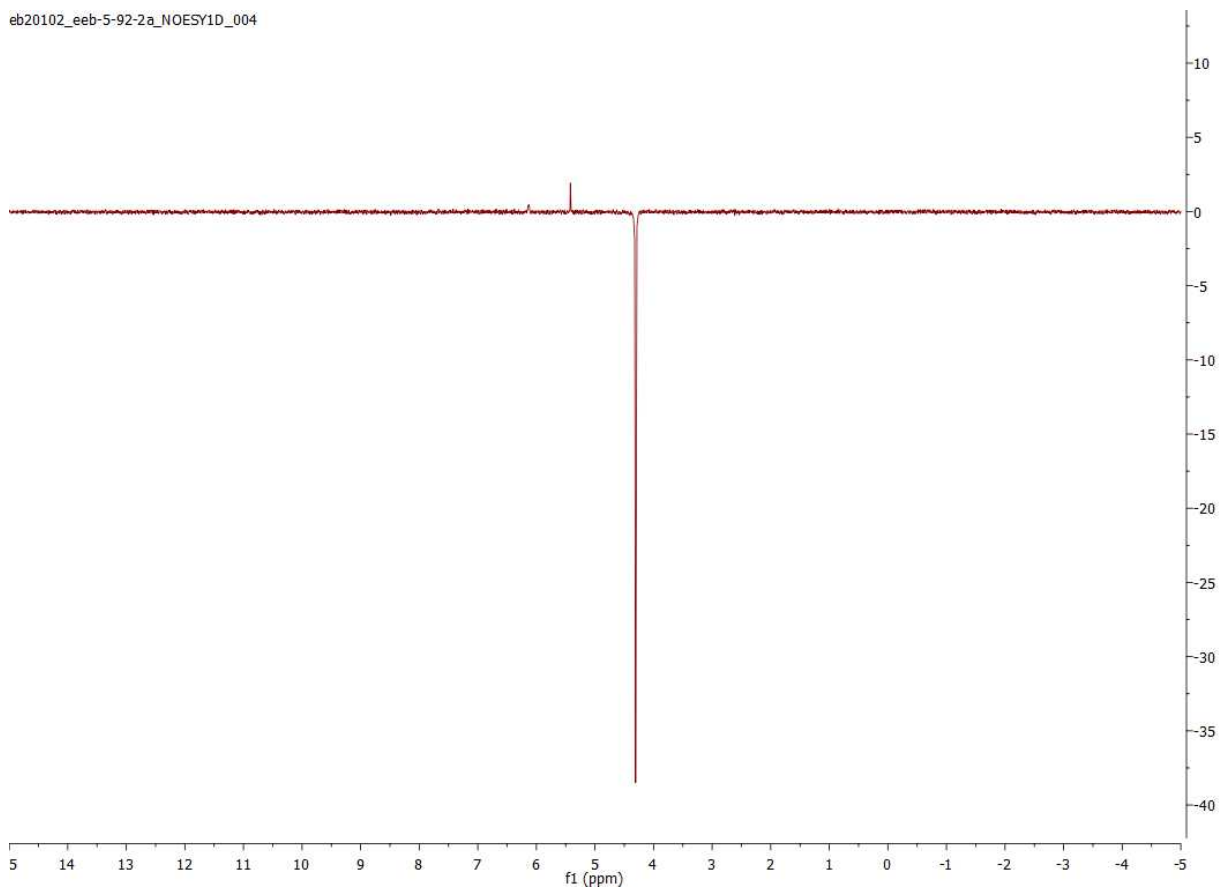


(±)-(3*R*,8*aS*)-2-(4-acetylphenyl)-*N*-ethyl-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*i]indole-3(4*H*)-carboxamide 17a

eb20102_eeb-5-92-2a_NOESY1D_001

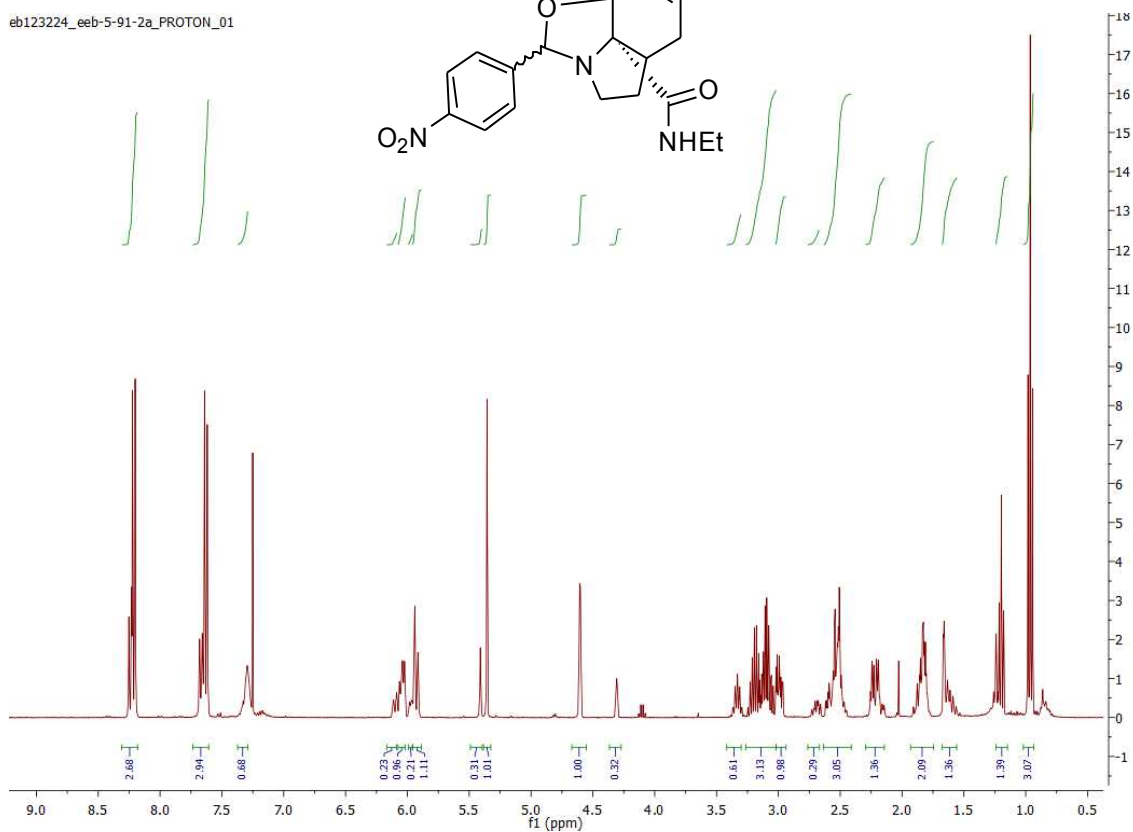
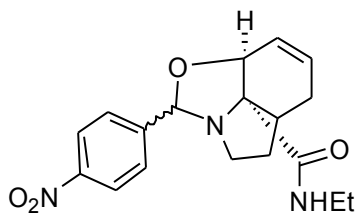


eb20102_eeb-5-92-2a_NOESY1D_004

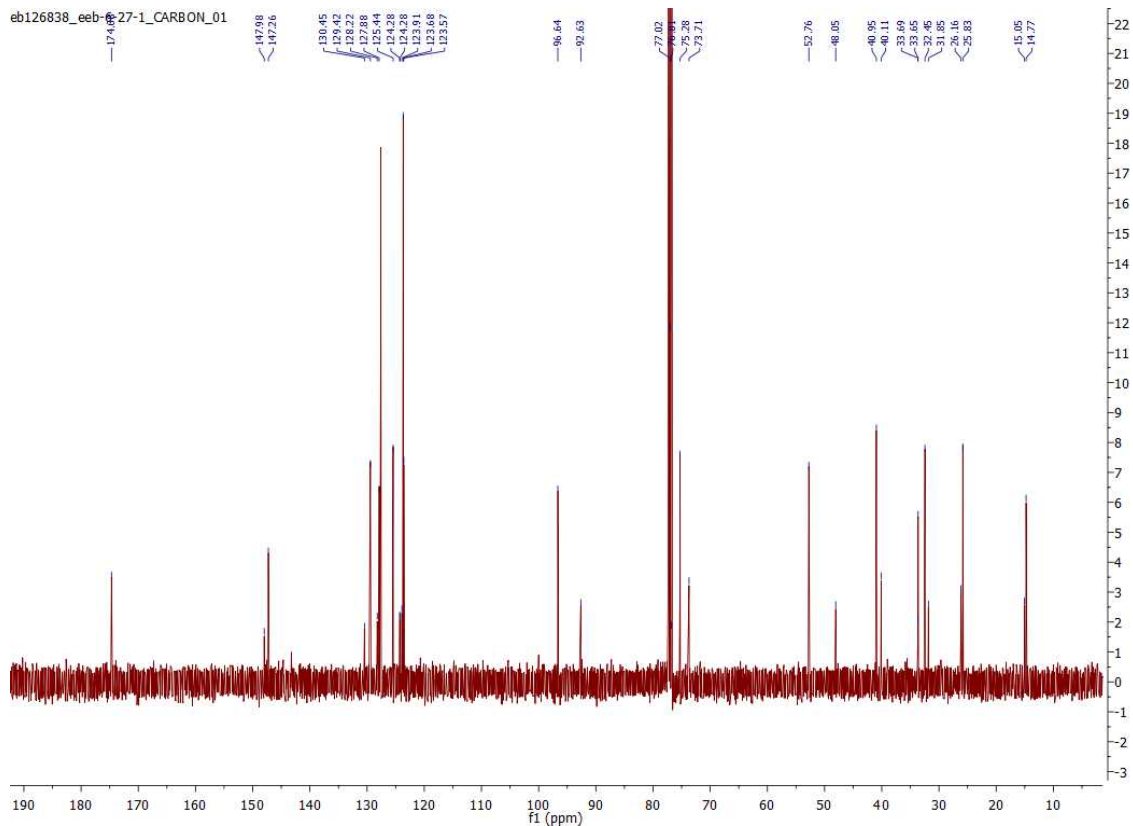


(±)-(3*R*,8*aS*)-*N*-Ethyl-2-(4-nitrophenyl)-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*]indole-3(4*H*)-carboxamide 18a

eb123224_eeb-5-91-2a_PROTON_01

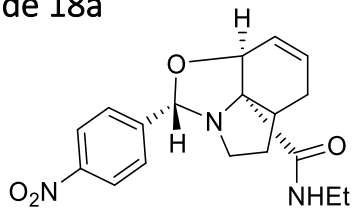


eb126838_eeb-27-1_CARBON_01

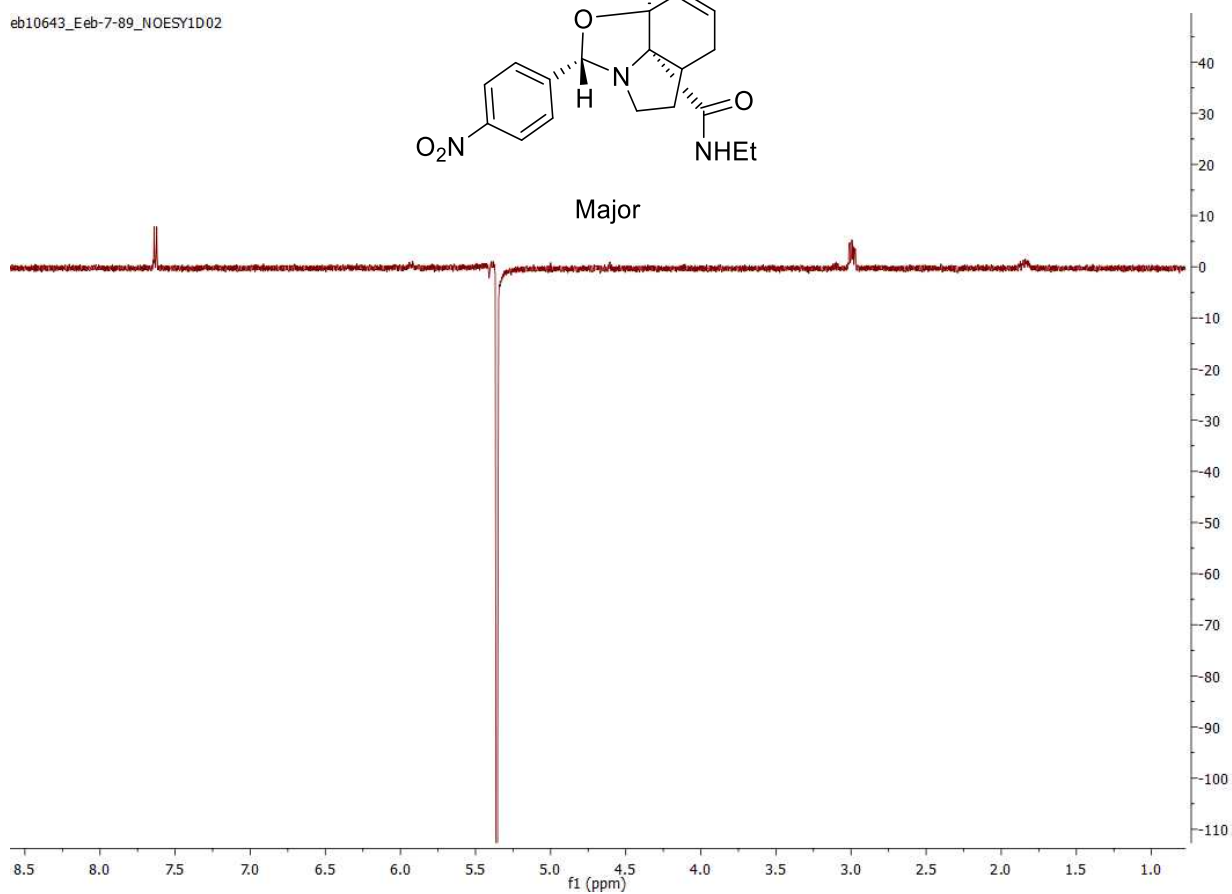


(±)-(3*R*,8*aS*)-*N*-Ethyl-2-(4-nitrophenyl)-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*]indole-3(4*H*)-carboxamide 18a

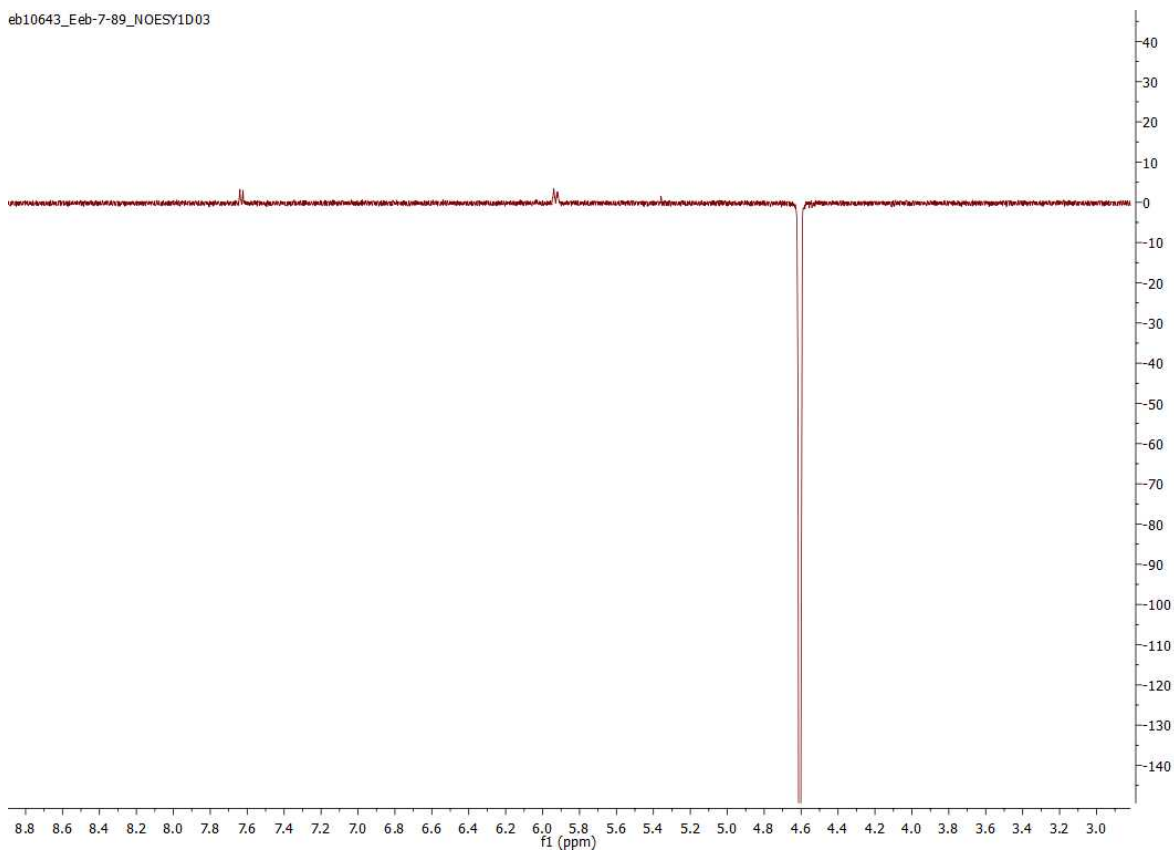
eb10643_Eeb-7-89_NOESY1D02



Major

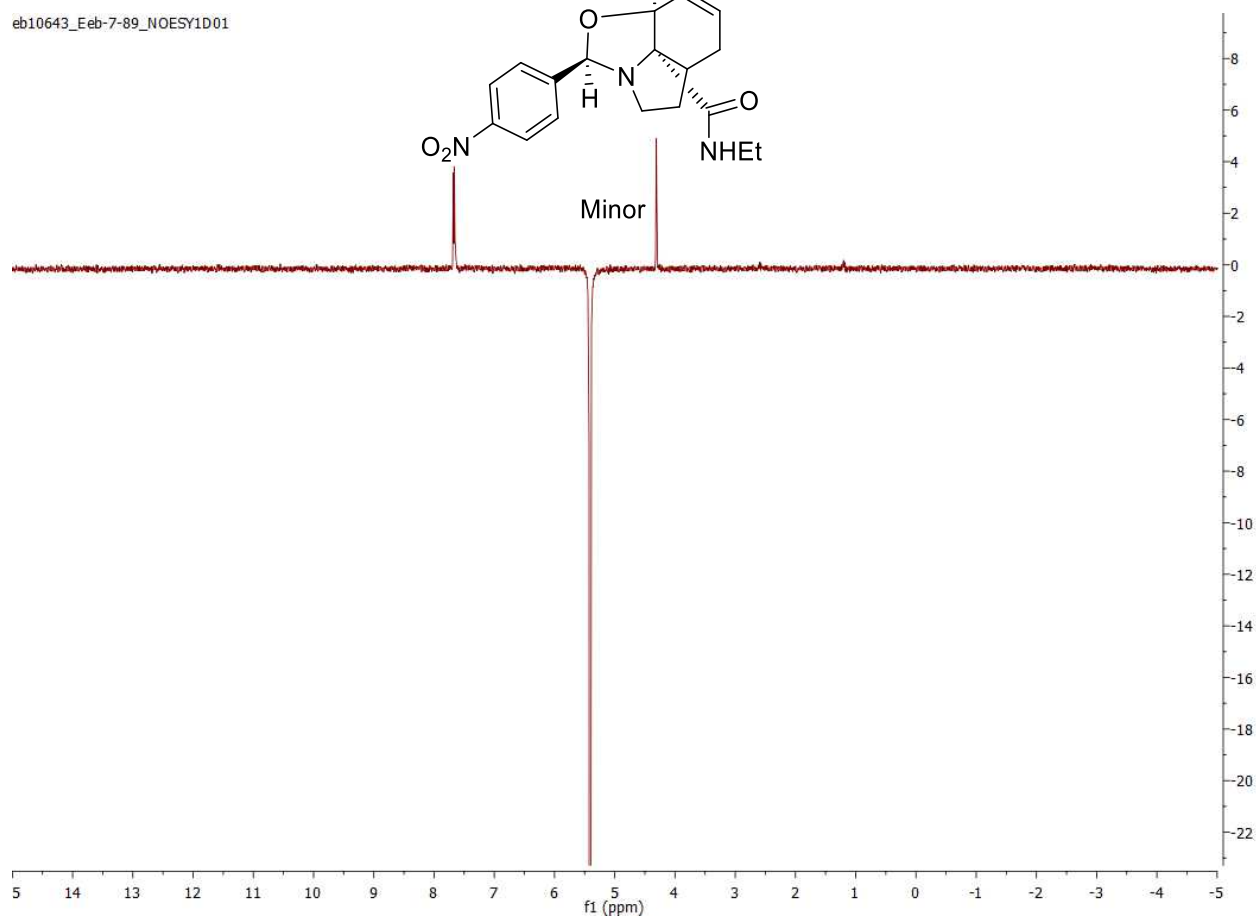


eb10643_Eeb-7-89_NOESY1D03

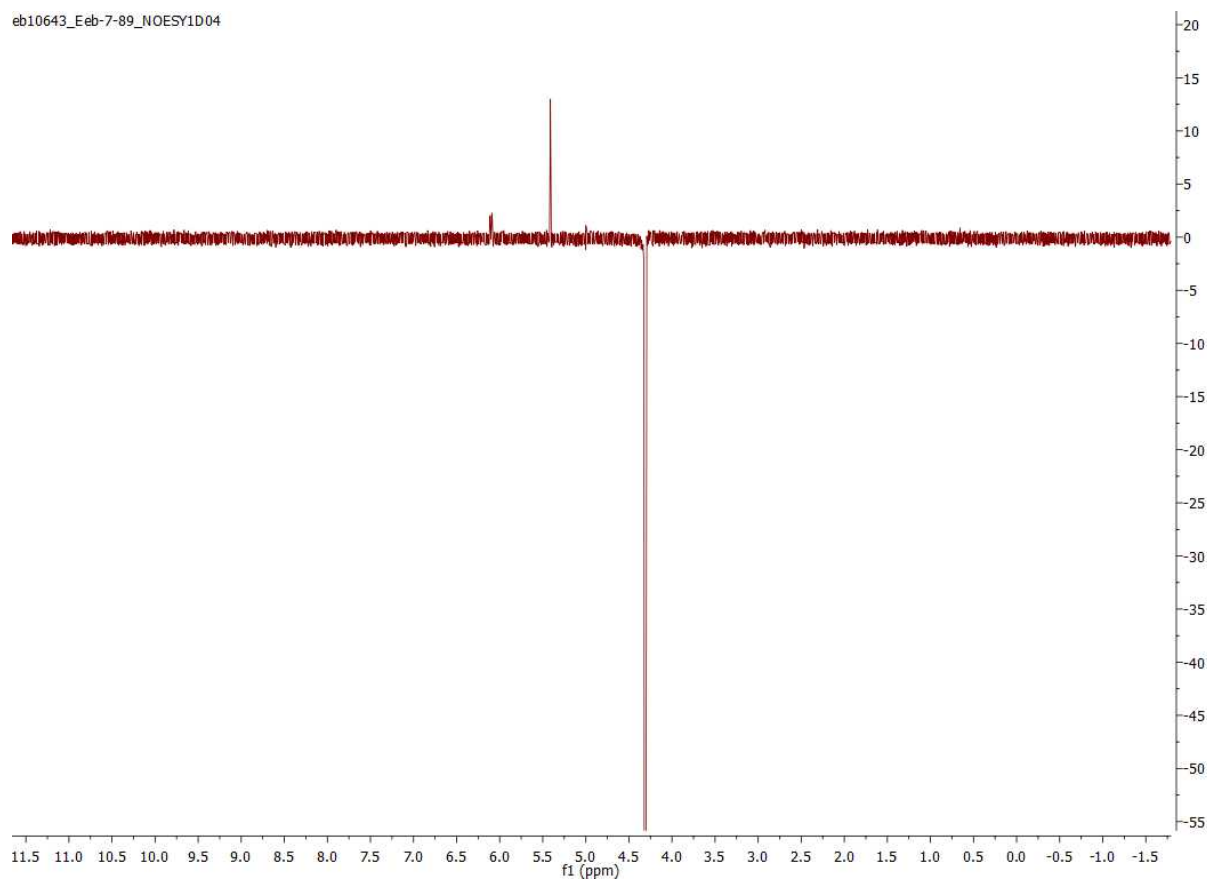


(±)-(3*R*,8*aS*)-*N*-Ethyl-2-(4-nitrophenyl)-5,5*a*,6,8*a*-tetrahydro-2*H*-oxazolo[5,4,3-*h*i]indole-3(4*H*)-carboxamide 18a

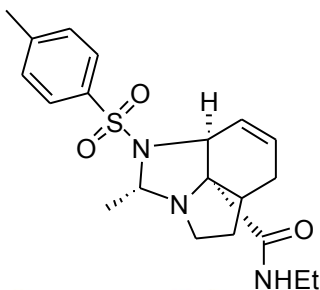
eb10643_Eeb-7-89_NOESY1D01



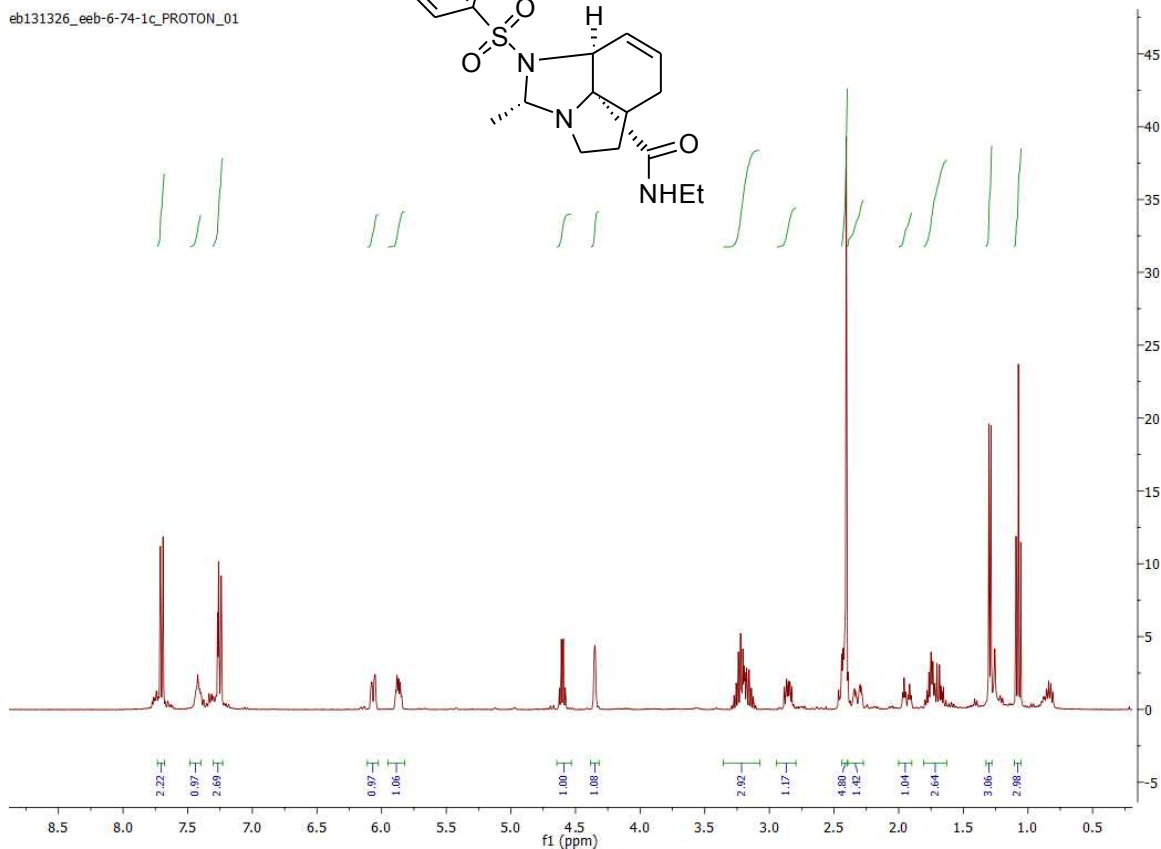
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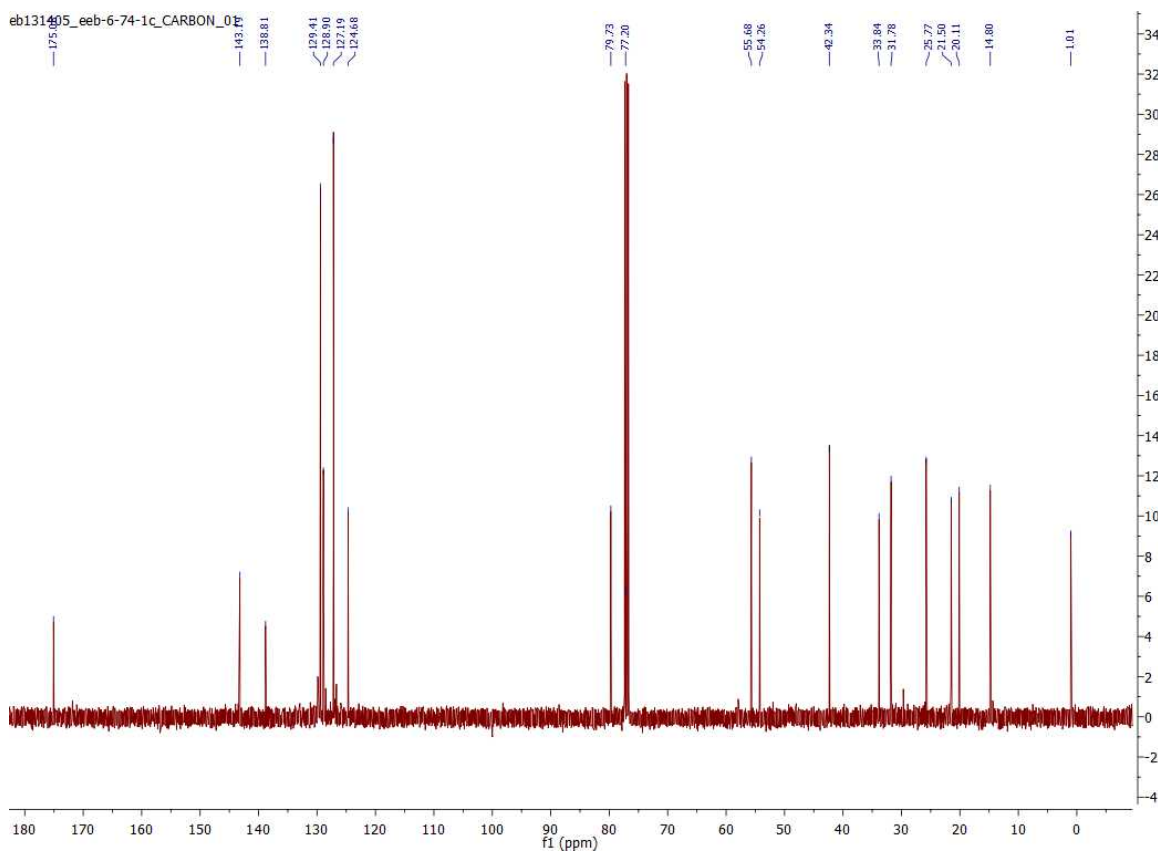
(±)-(2*S*,3*R*,8*aS*)-*N*-ethyl-2-methyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*]indole-3(2*H*)-carboxamide – major diastereomer 19a



eb131326_eeb-6-74-1c_PROTON_01

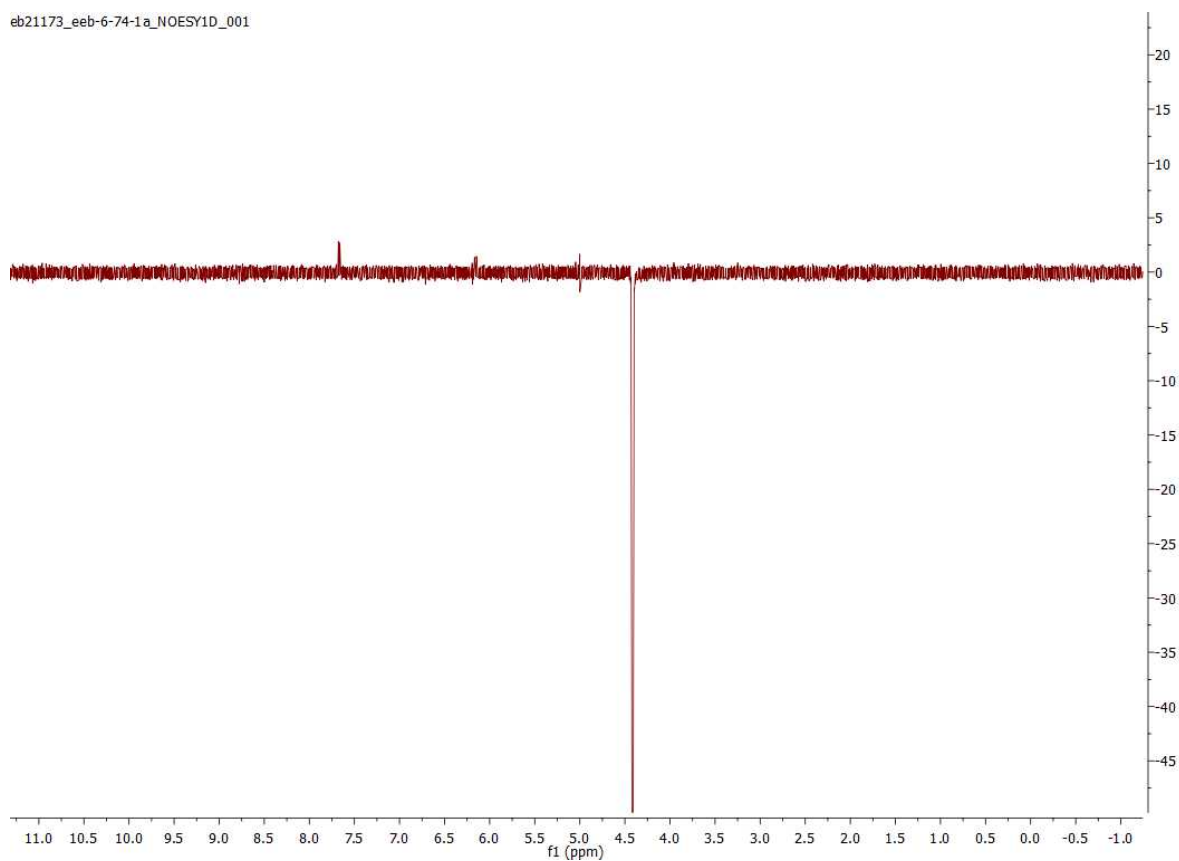


eb131405_eeb-6-74-1c_CARBON_01

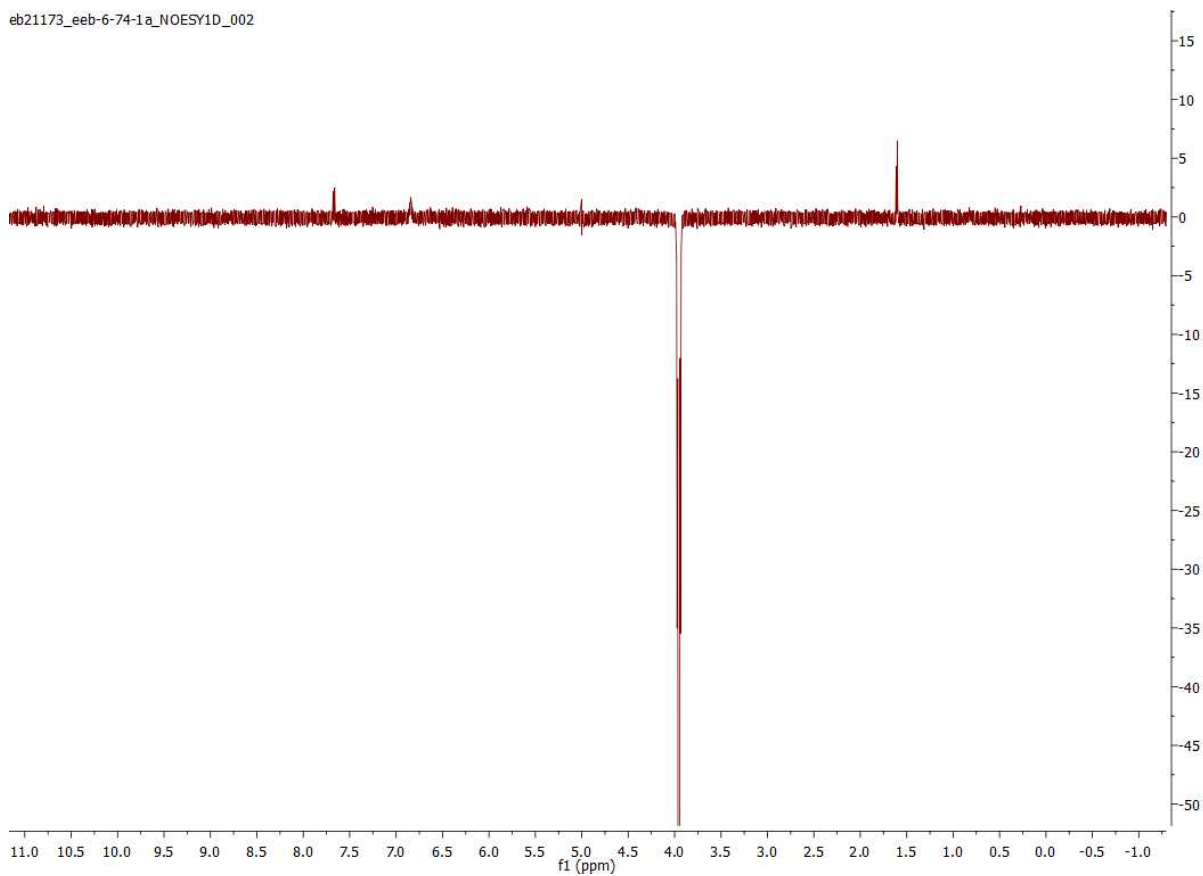


(±)-(2*S*,3*R*,8*aS*)-*N*-ethyl-2-methyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*]indole-3(2*H*)-carboxamide – major diastereomer 19a

eb21173_eeb-6-74-1a_NOESY1D_001

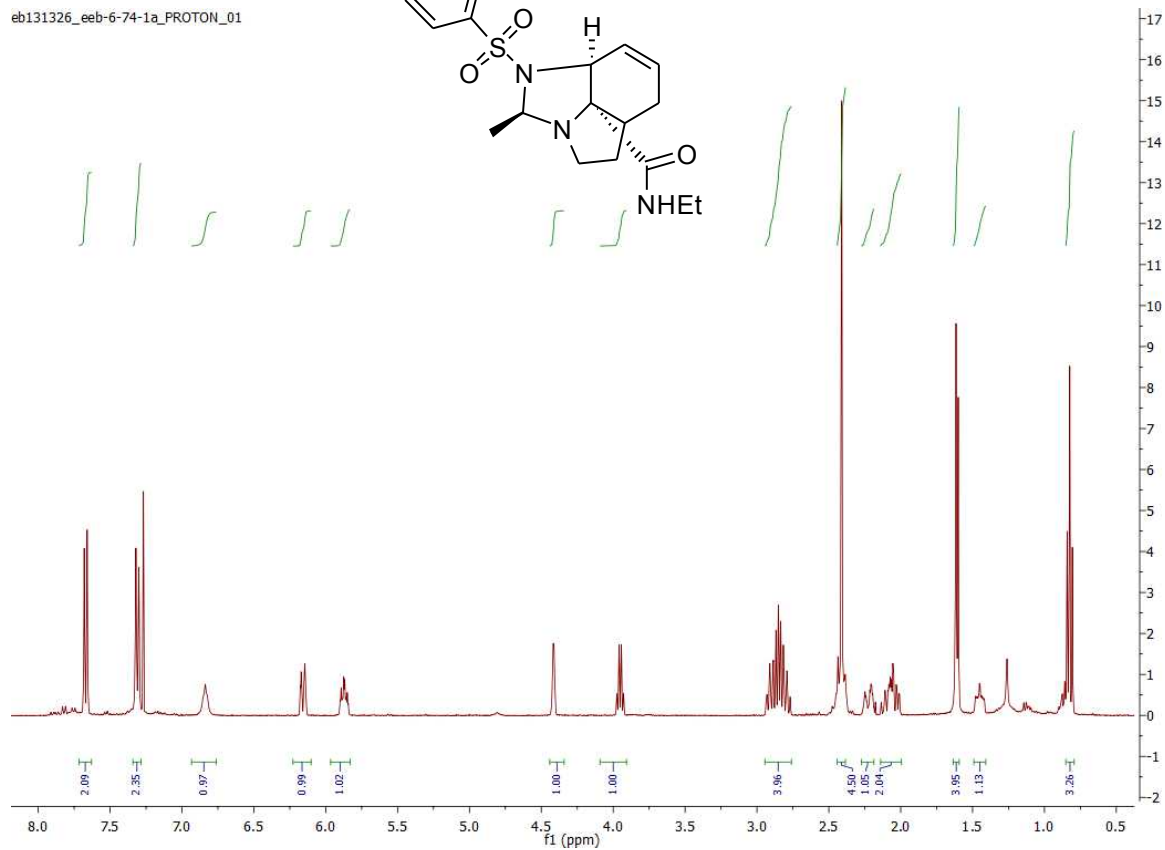
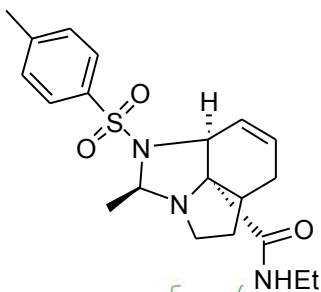


eb21173_eeb-6-74-1a_NOESY1D_002

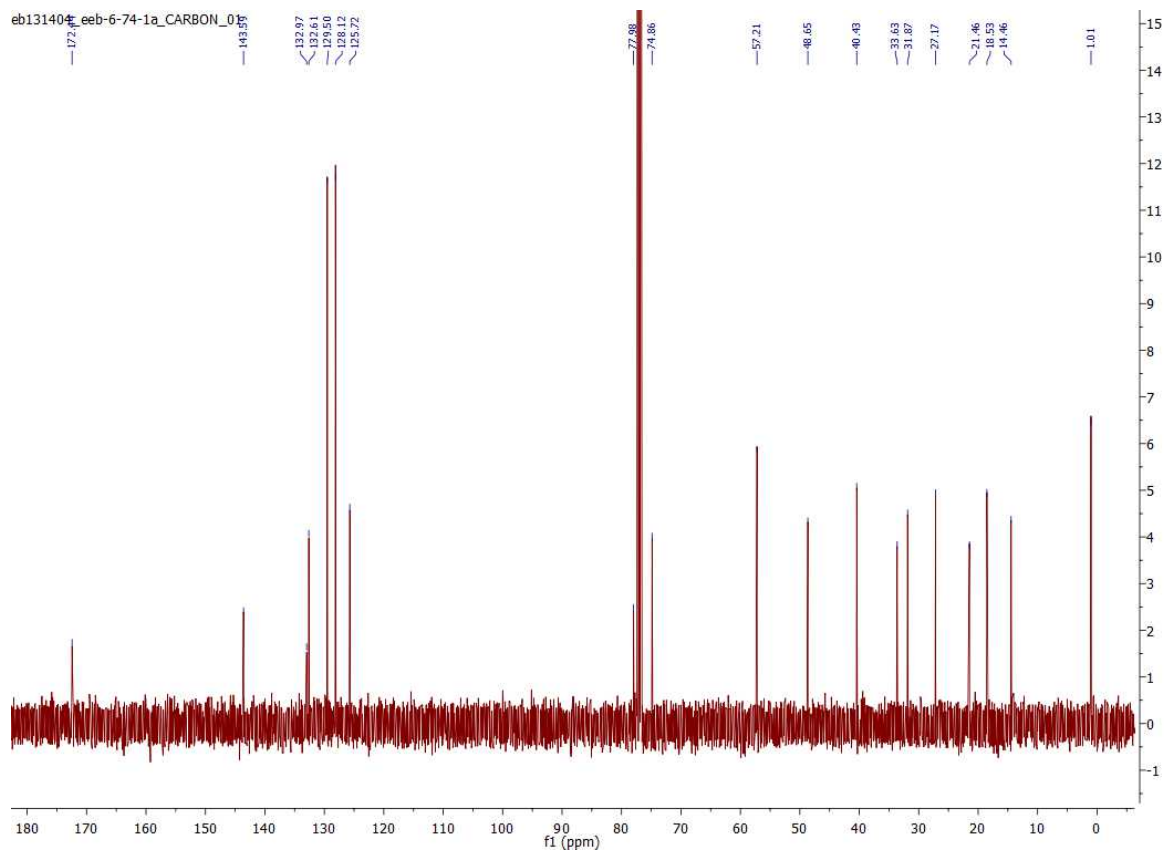


(±)-(2*R*,3*R*,8*a**S*)-*N*-ethyl-2-methyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*]indole-3(2*H*)-carboxamide Minor diastereomer 19a

eb131326_eeb-6-74-1a_PROTON_01

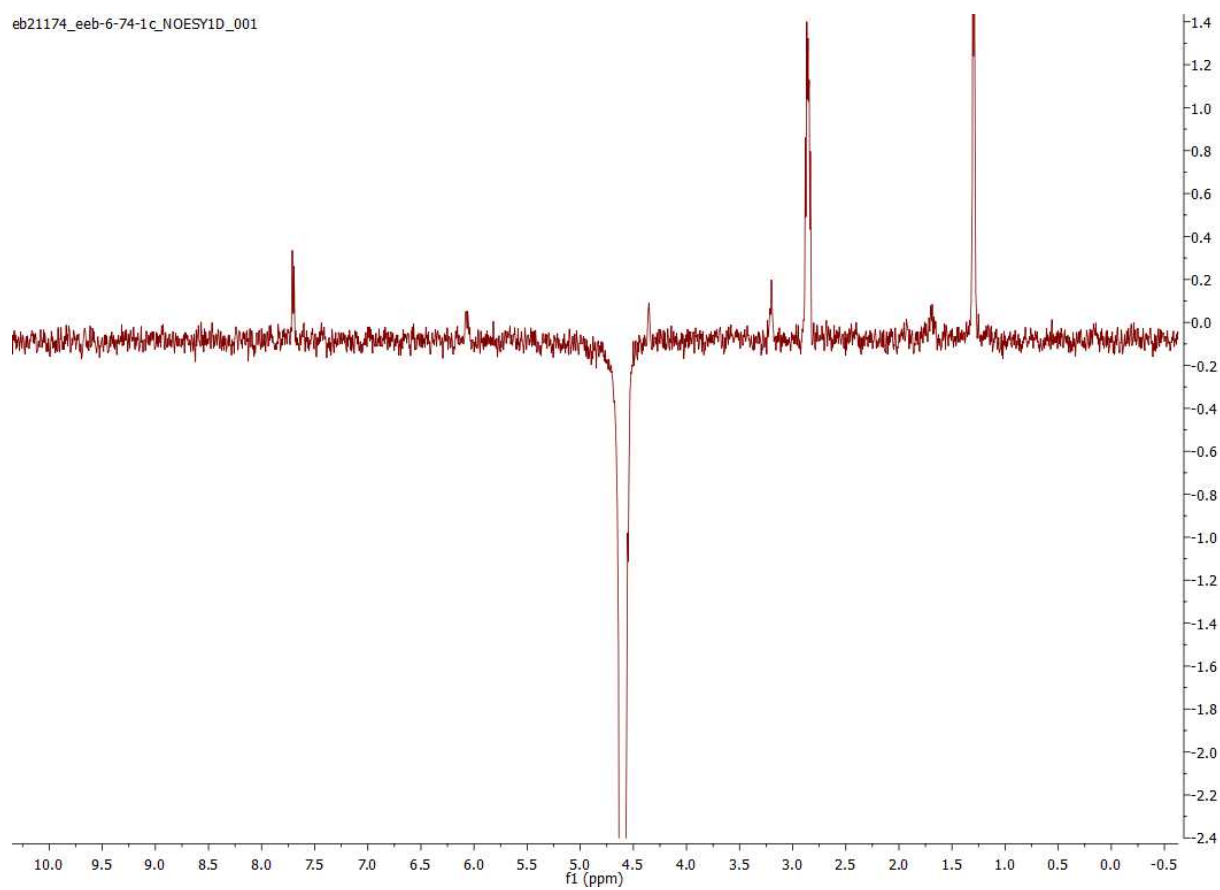


eb131404_eeb-6-74-1a_CARBON_01

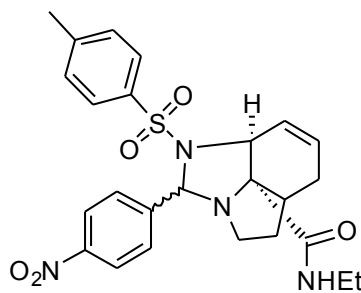


(±)-(2*R*,3*R*,8*aS*)-*N*-ethyl-2-methyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*i]indole-3(2*H*)-carboxamide Minor diastereomer19a

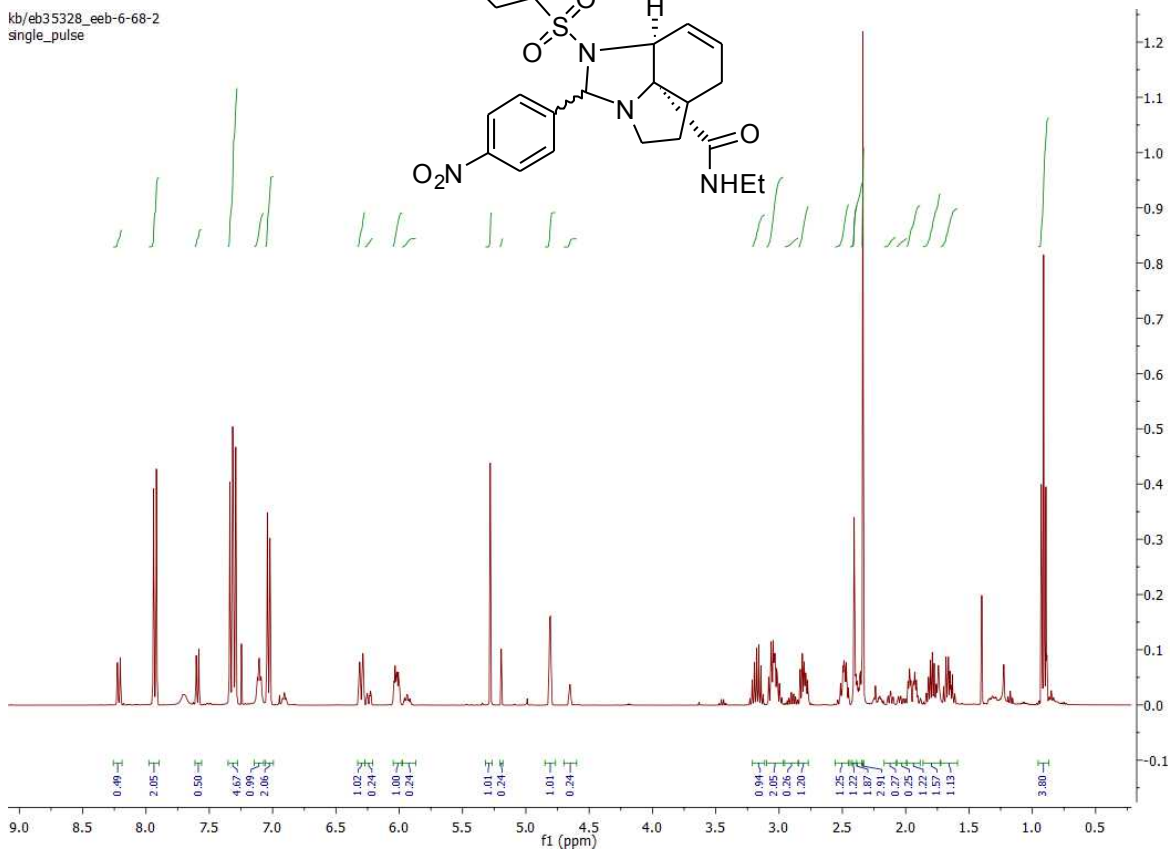
eb21174_eeb-6-74-1c_NOESY1D_001



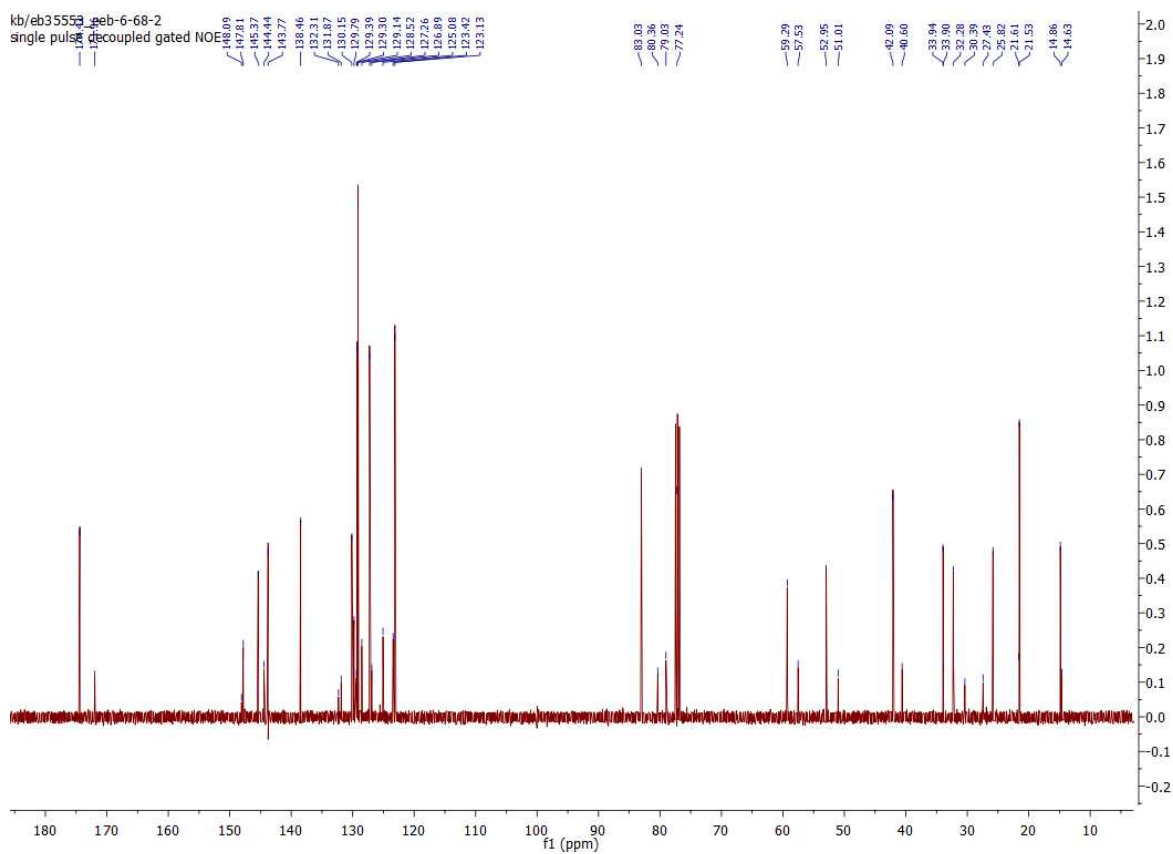
(±)-(3*R*,8*aS*)-*N*-ethyl-2-(4-nitrophenyl)-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-3(2*H*)-carboxamide 20a



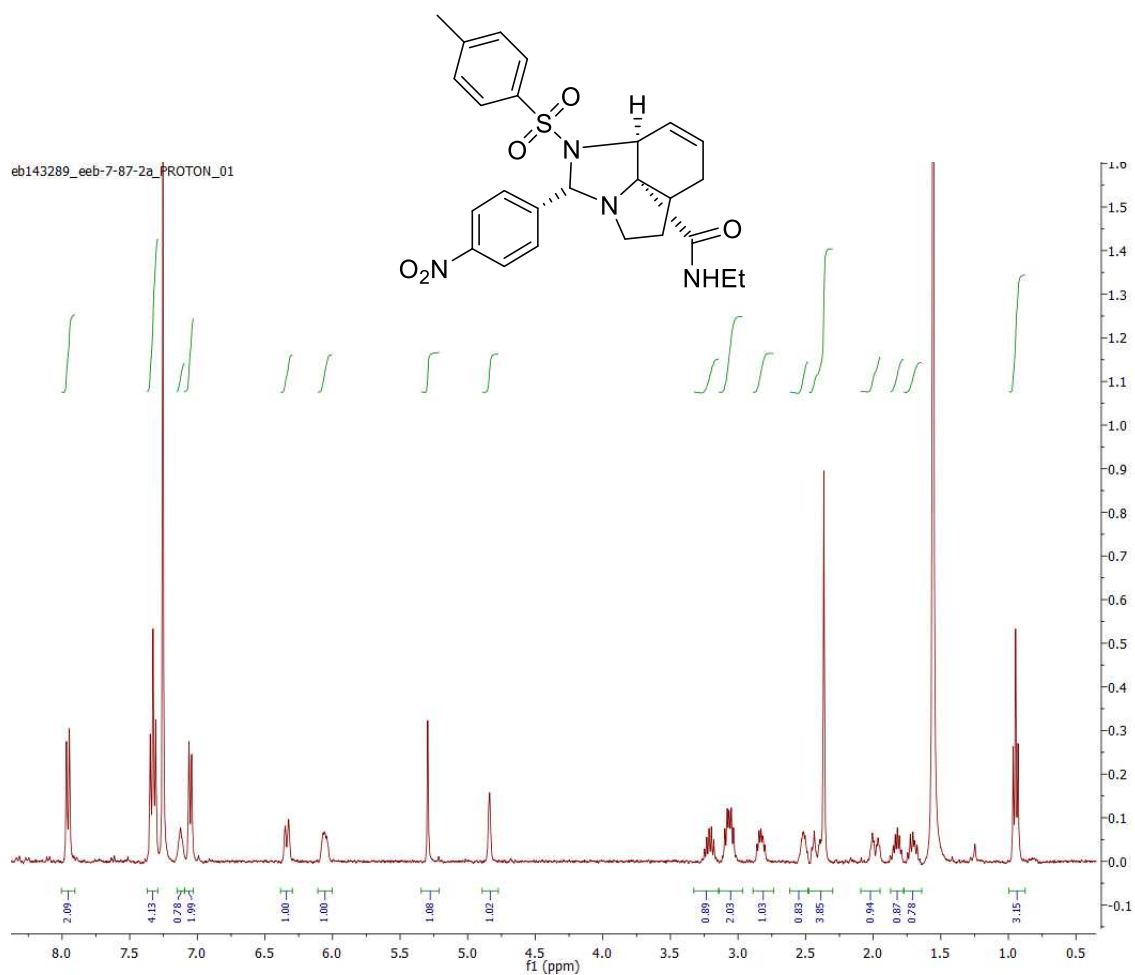
kb/eb35328_eeb-6-68-2
single_pulse



kb/eb35553_eeb-6-68-2
single_pulse decoupled gated NOE

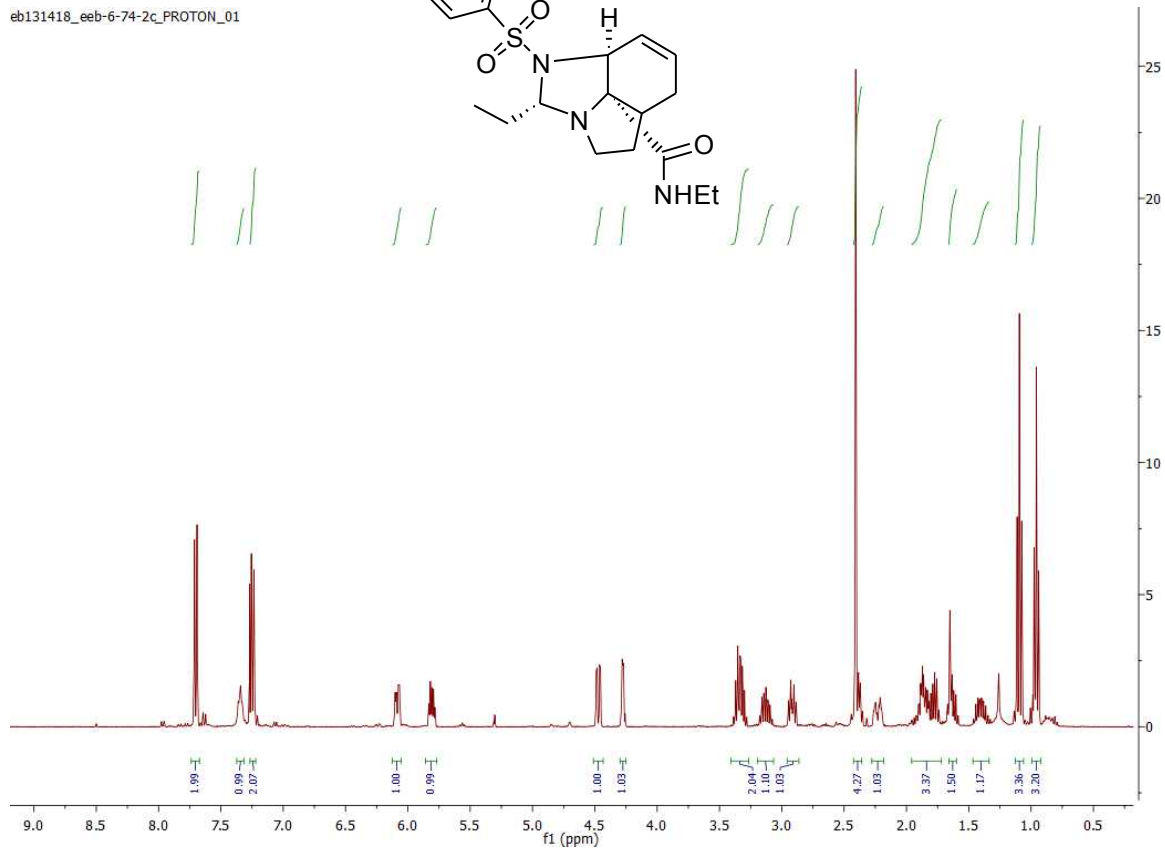
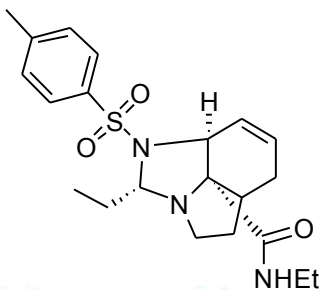


(±)-(3*R*,8*aS*)-*N*-ethyl-2-(4-nitrophenyl)-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*hi*]indole-3(2*H*)-carboxamide major diastereomer 20a

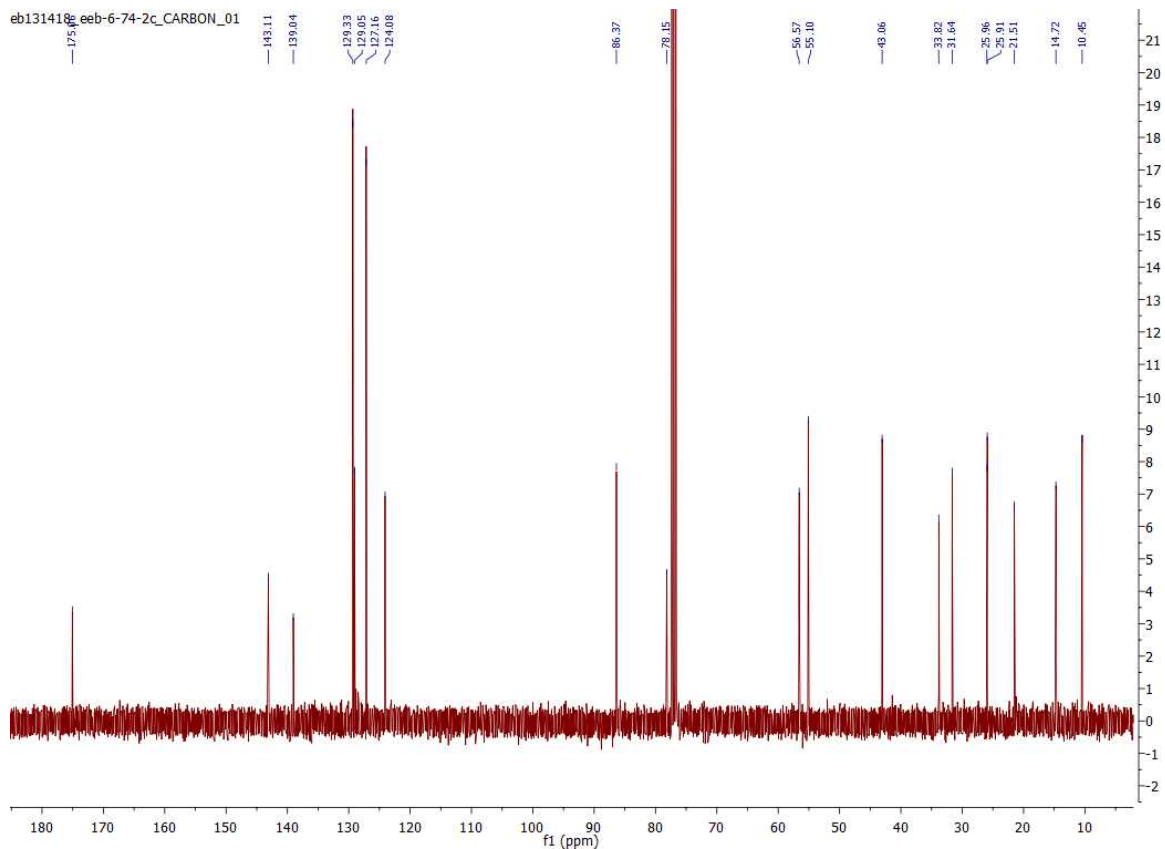


(±)-(2*S*,3*R*,8*aS*)-*N*,2-diethyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*h*]indole-3(2*H*)-carboxamide Major diastereomer 21a

eb131418_eeb-6-74-2c_PROTON_01

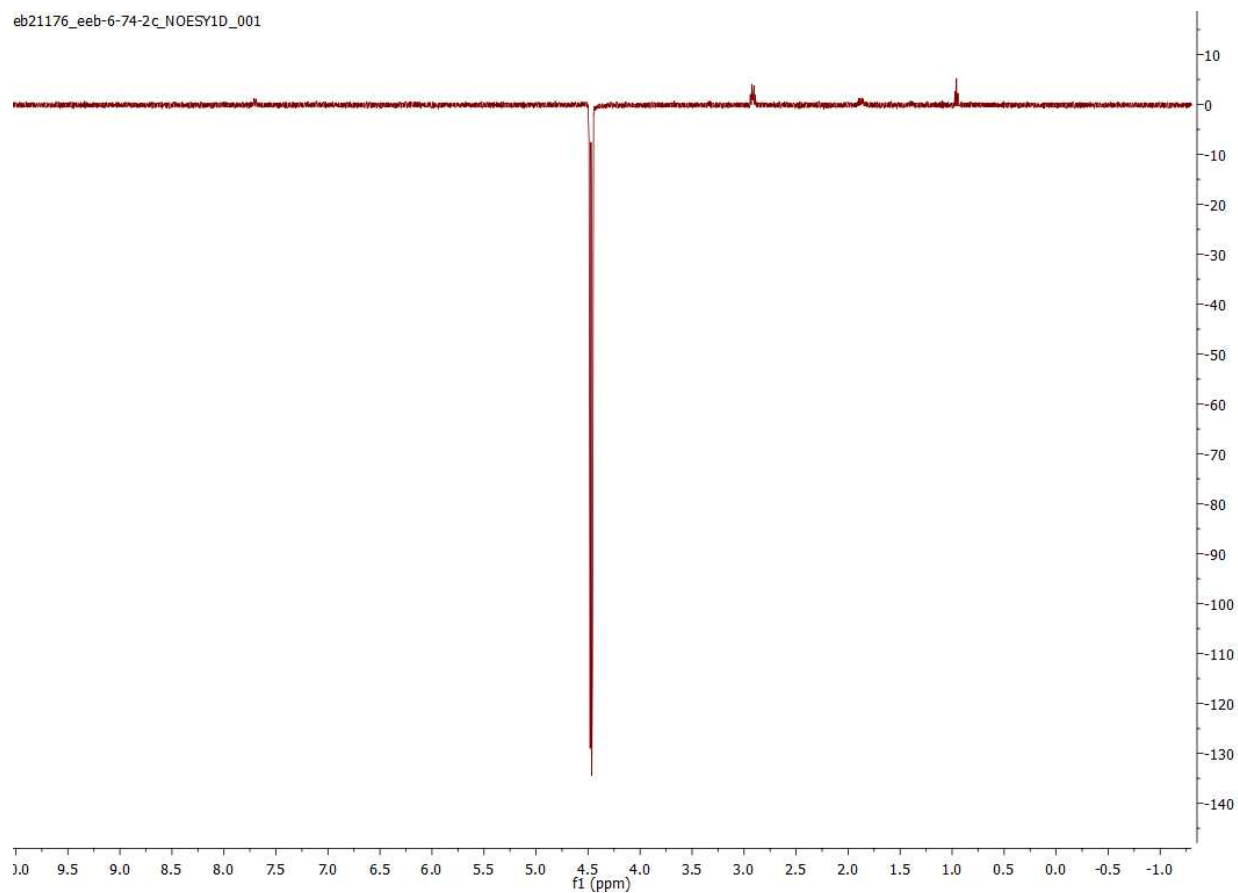


eb131418_eeb-6-74-2c_CARBON_01

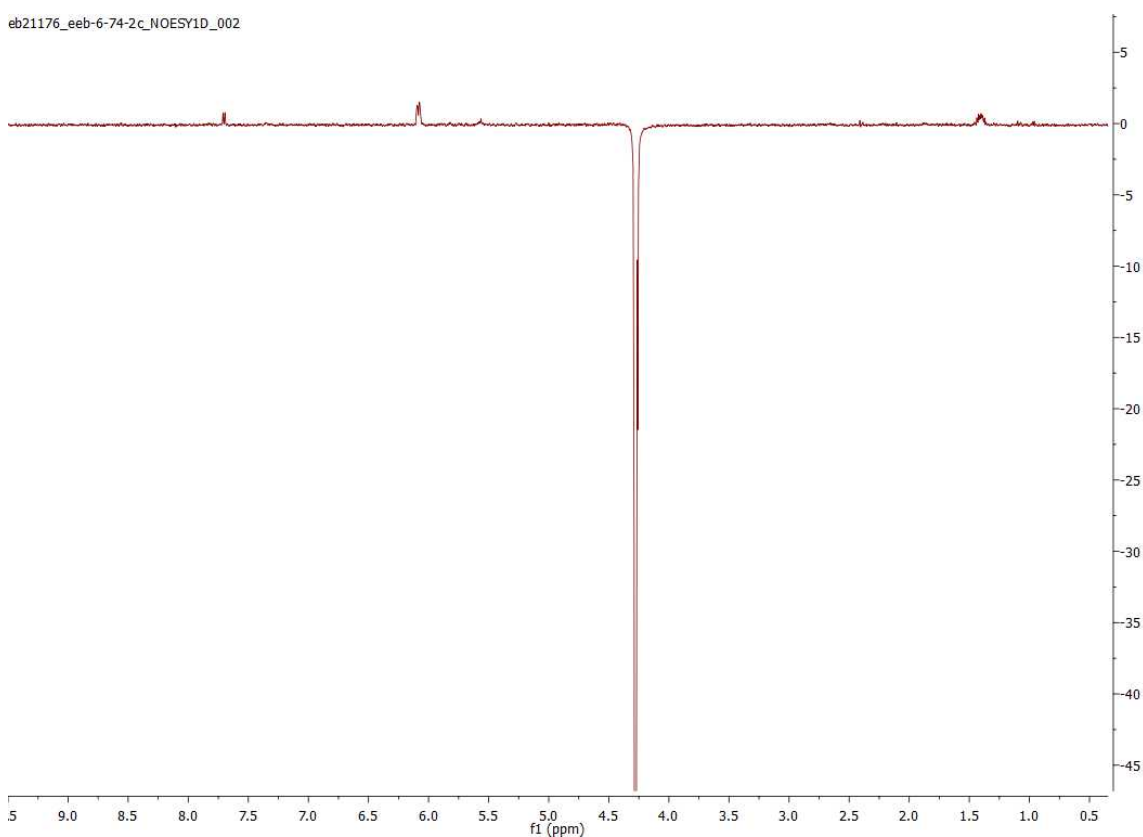


(±)-(2*S*,3*R*,8*aS*)-*N*,2-diethyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*b*]indole-3(2*H*)-carboxamide Major diastereomer 21a

eb21176_eeb-6-74-2c_NOESY1D_001

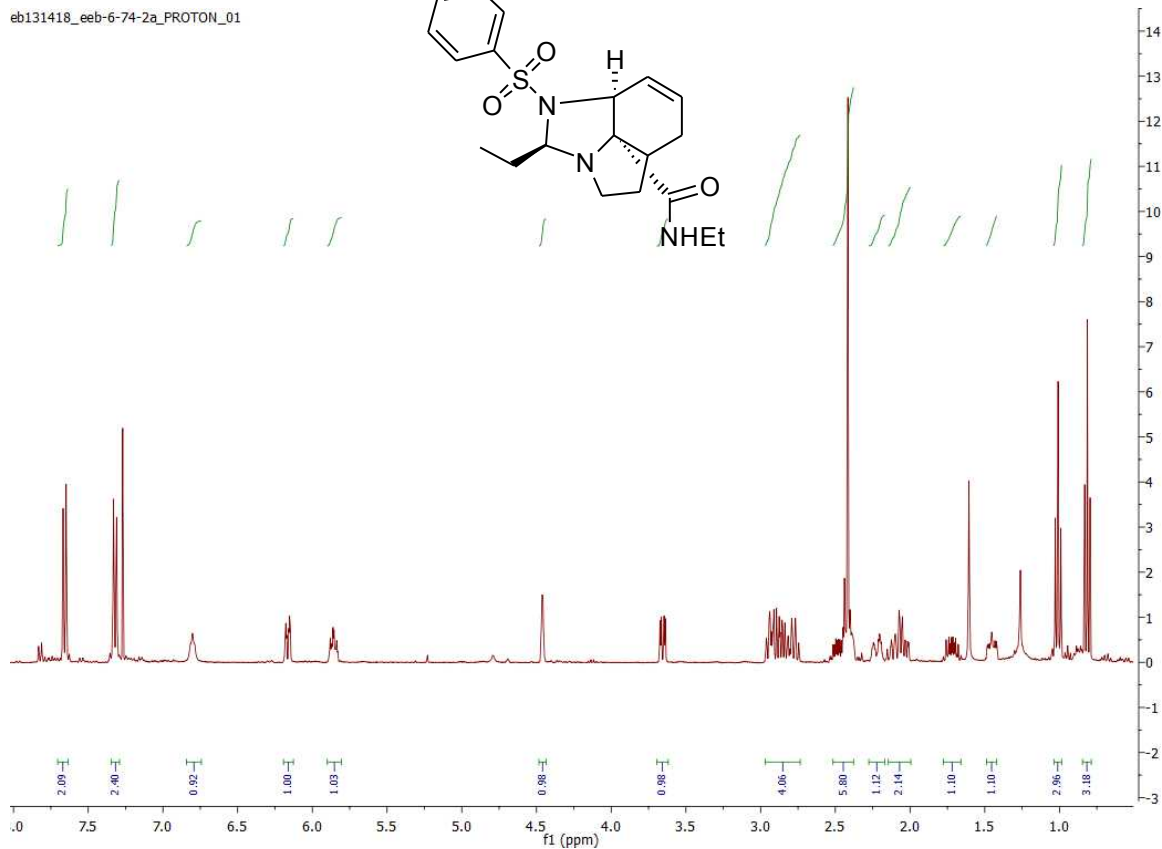
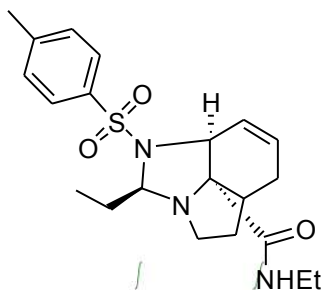


eb21176_eeb-6-74-2c_NOESY1D_002

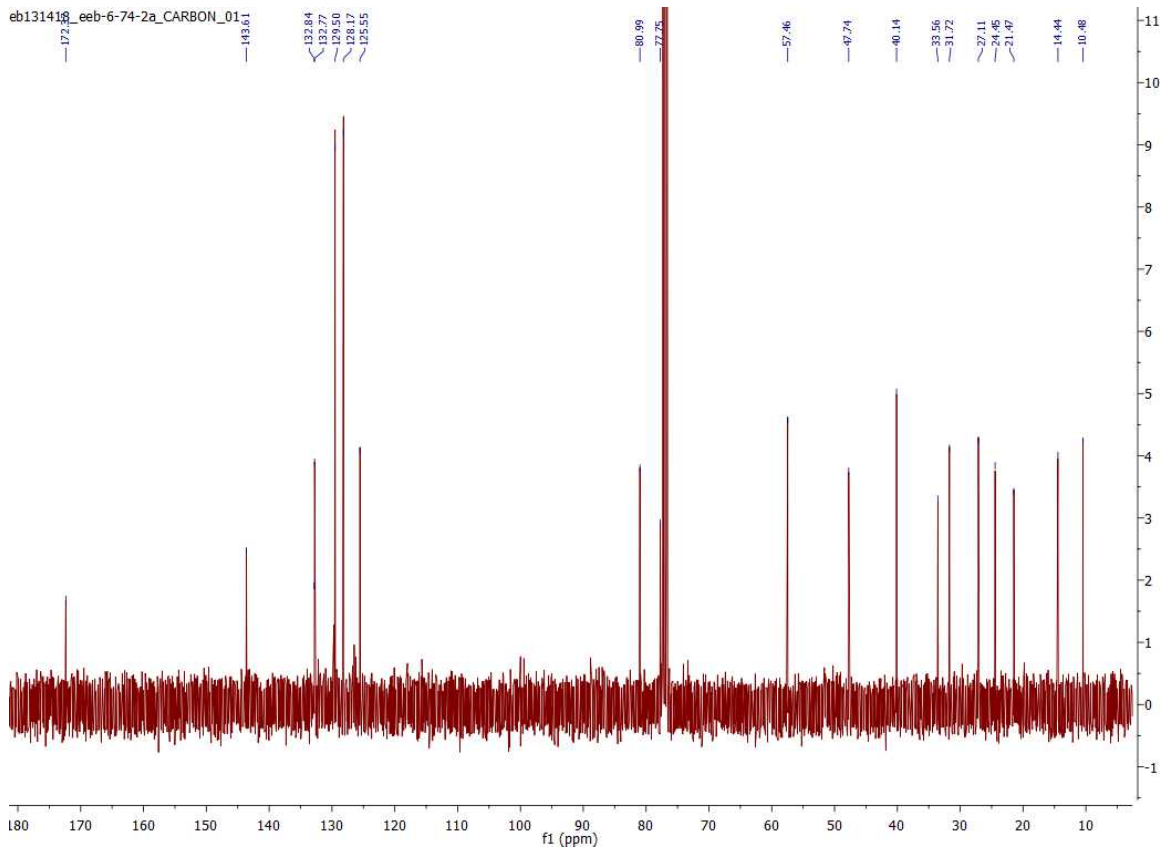


(±)- (2*R*,3*R*,8*aS*)-*N*,2-diethyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*b*]indole-3(2*H*)-carboxamide minor diastereomer 21a

eb131418_eeb-6-74-2a_PROTON_01

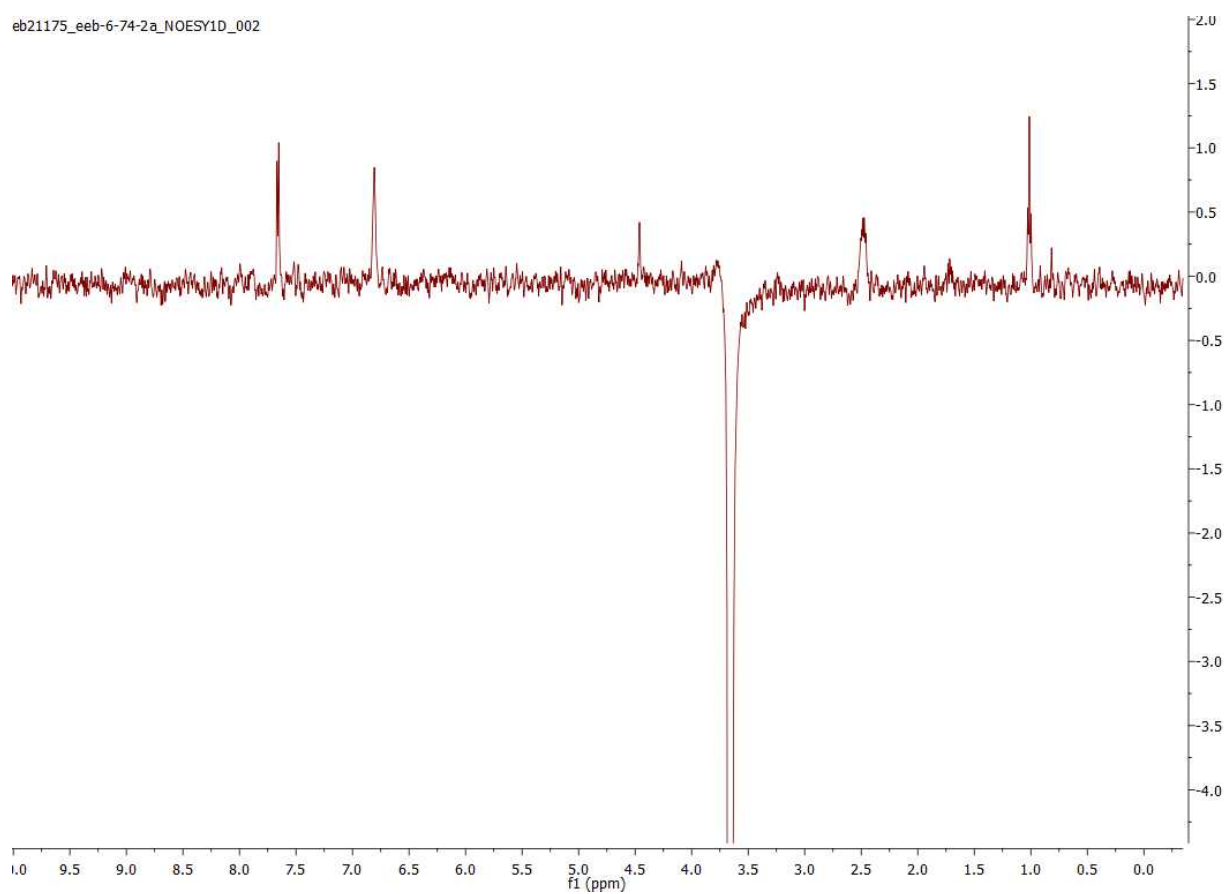


eb131418_eeb-6-74-2a_CARBON_01



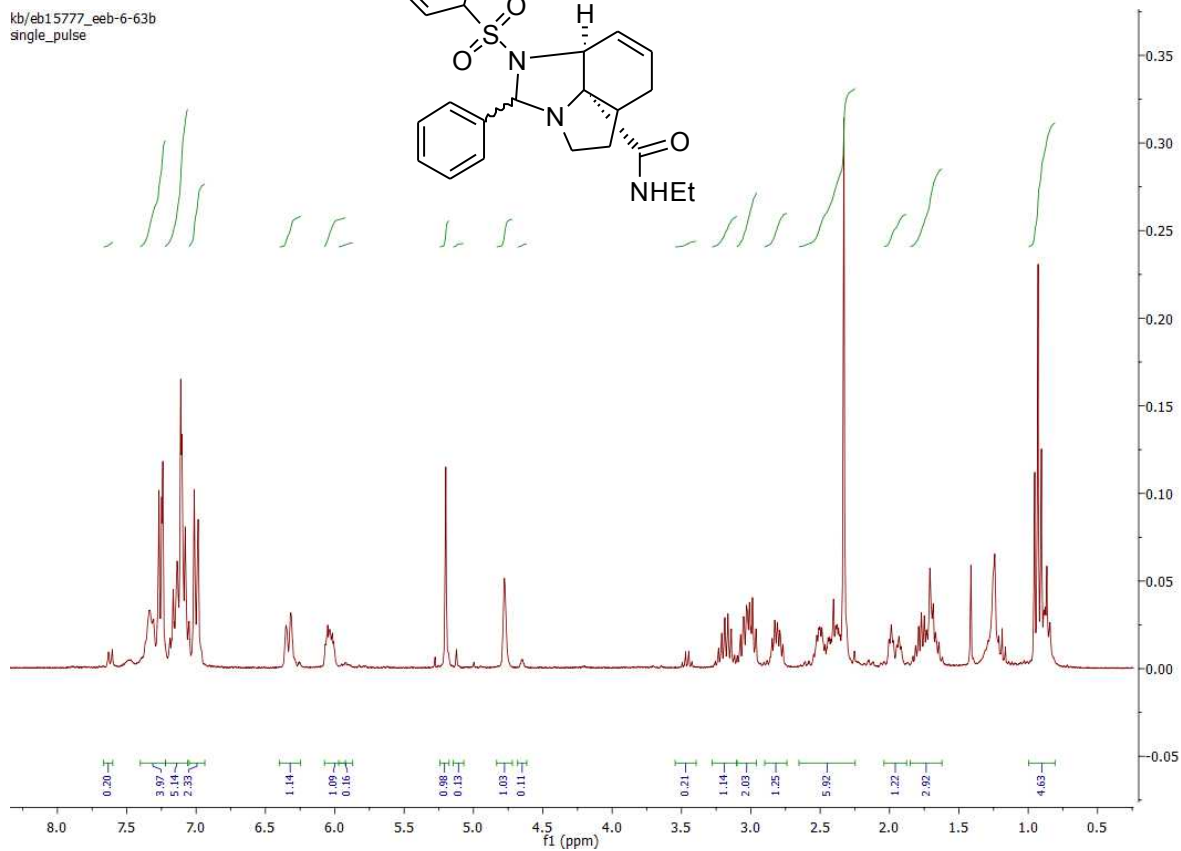
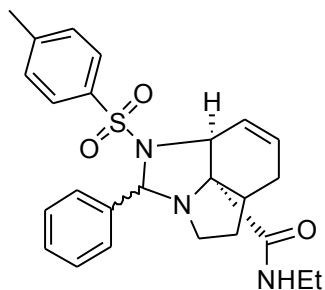
(±)- (2*R*,3*R*,8*aS*)-*N*,2-diethyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5-*b*]indole-3(2*H*)-carboxamide minor diastereomer 21a

eb21175_eeb-6-74-2a_NOESY1D_002

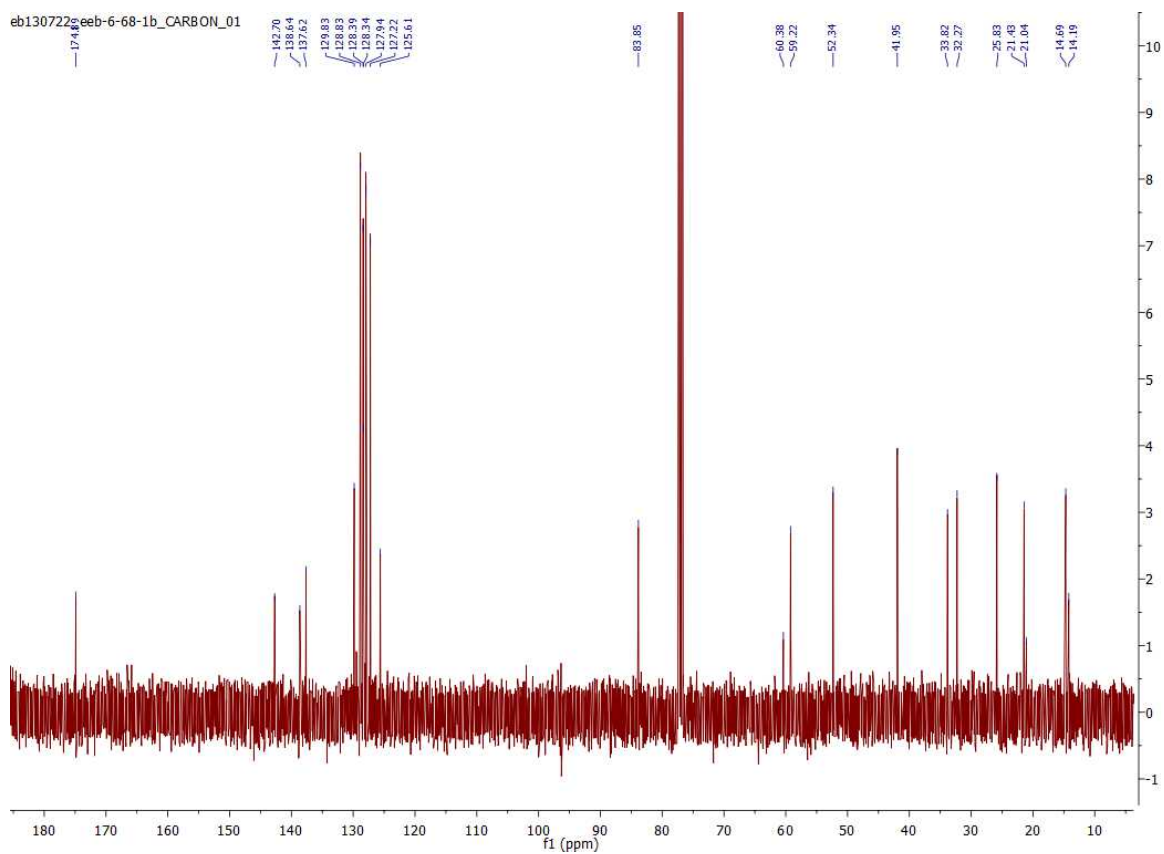


(±)-(3*R*,8*aS*)-*N*-ethyl-2-phenyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*h*]indole-3(2*H*)-carboxamide 22a

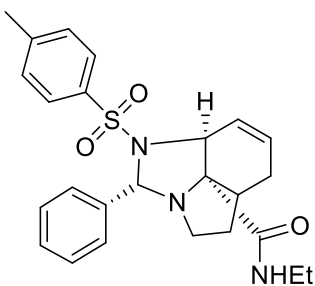
kb/eb15777_eeb-6-63b
single_pulse



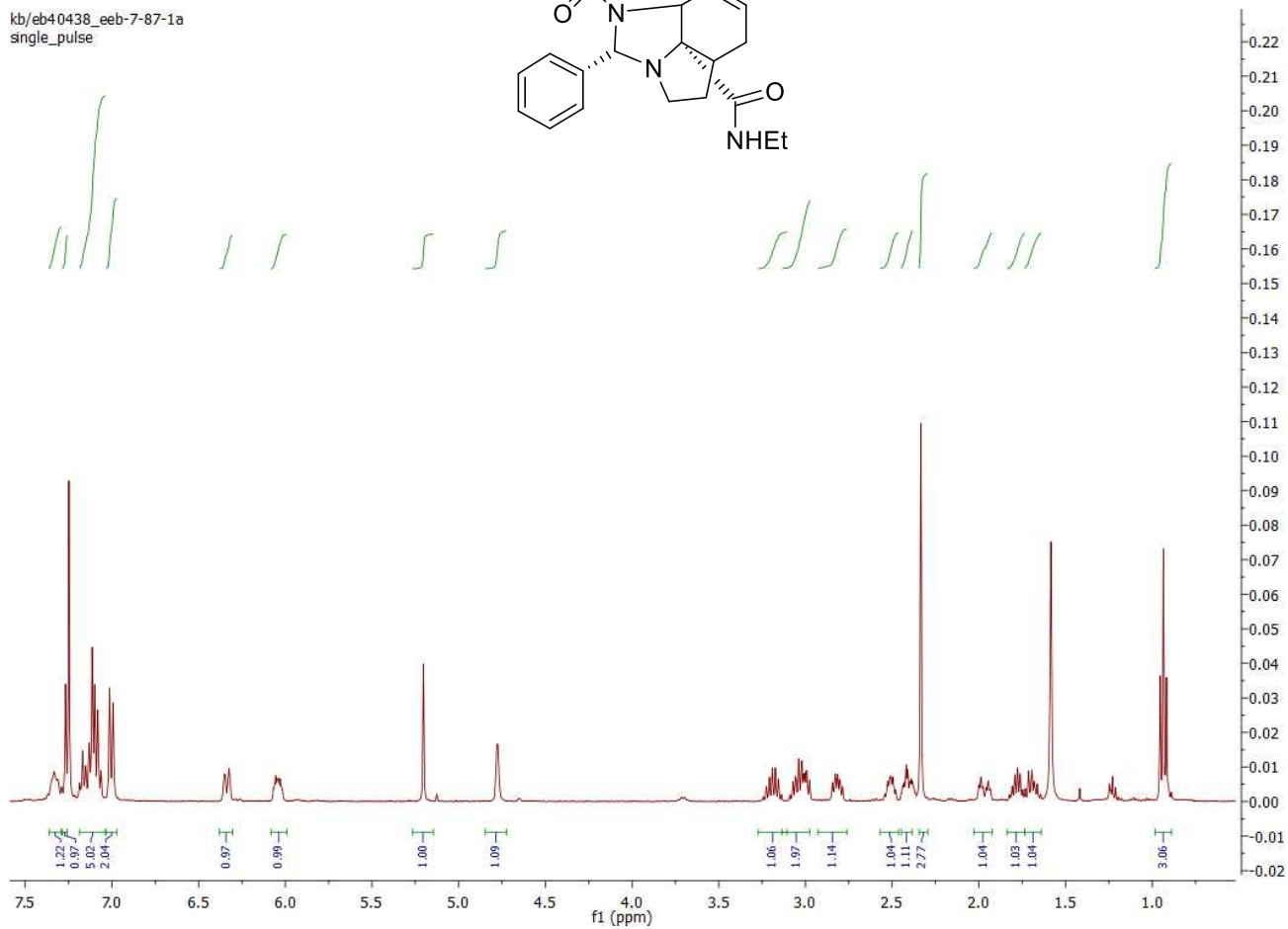
eb130722_eeb-6-68-1b CARBON_01



(±)-(3*R*,8*aS*)-*N*-ethyl-2-phenyl-1-tosyl-1,4,5,5*a*,6,8*a*-hexahydroimidazo[4,5,1-*h*]indole-3(2*H*)-carboxamide – major diastereomer 22a

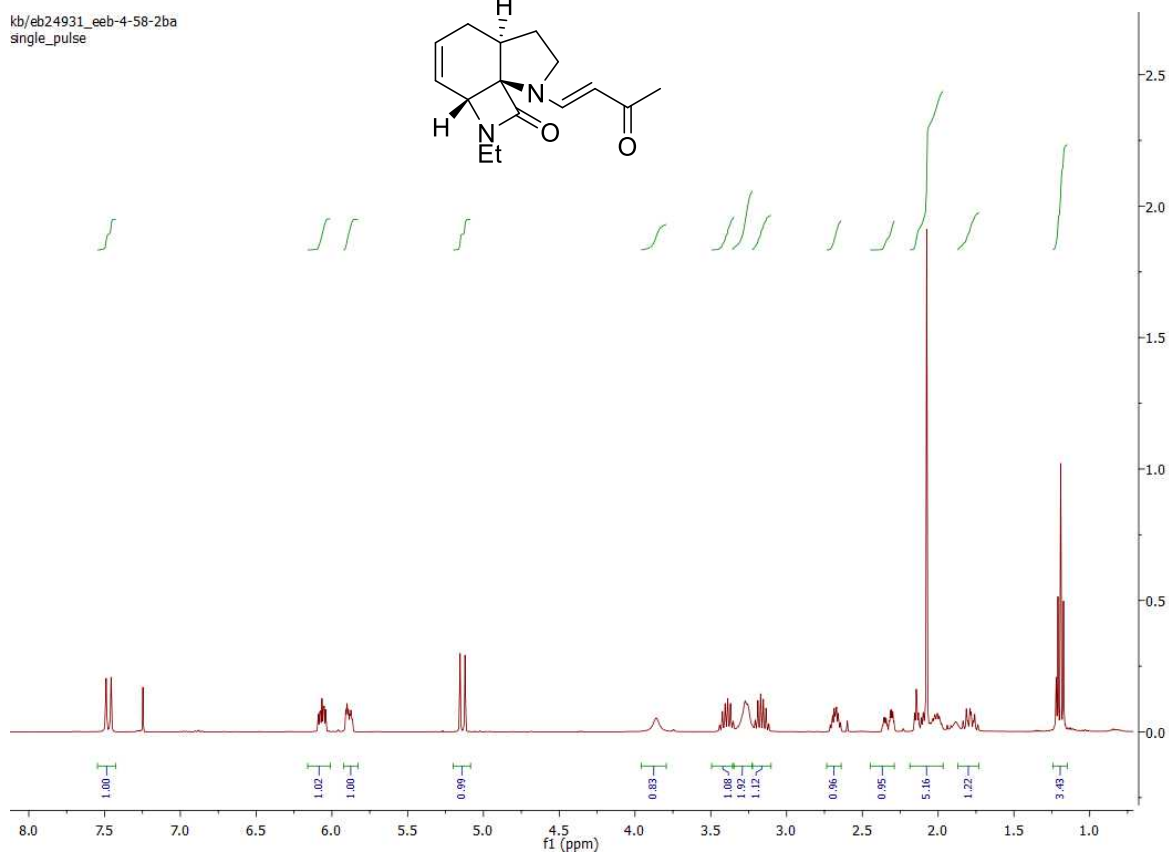
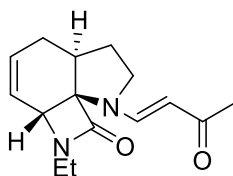


kb/eb40438_eeb-7-87-1a
single_pulse

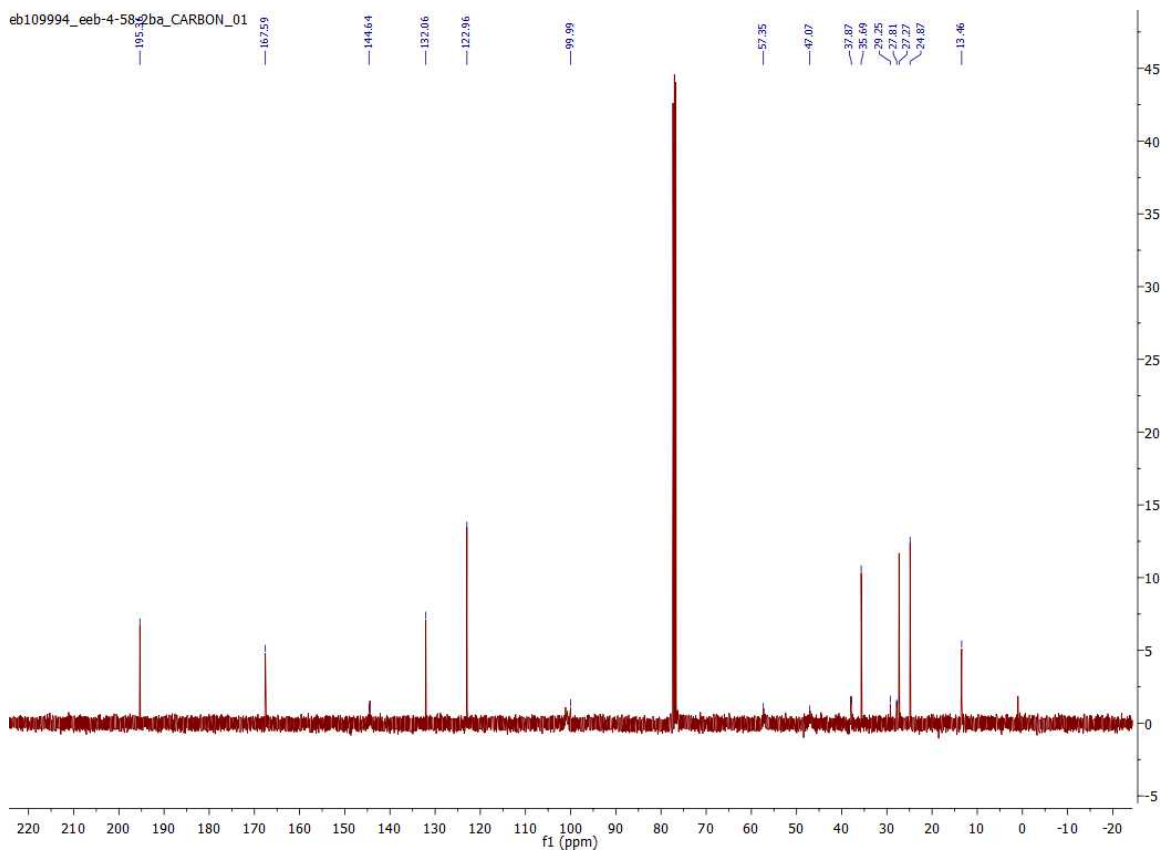


(±)-(6*R*,8*aR*)-7-Ethyl-1-((*E*)-3-oxobut-1-en-1-yl)-2,3,3*a*,4,6*a*,7-hexahydroazeto[2,3-*h*]indol-8(1*H*)-one

kb/eb24931_eeb-4-58-2ba
single_pulse

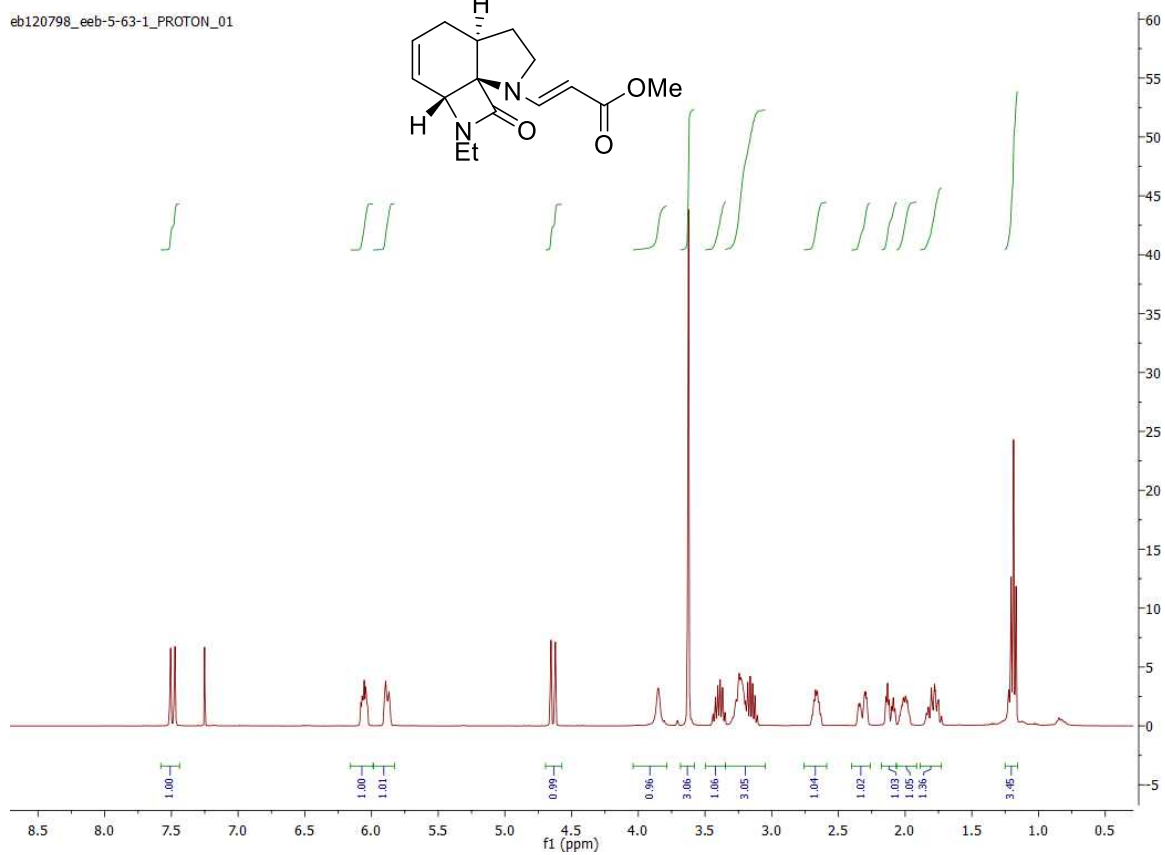
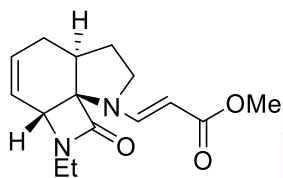


eb109994_eeb-4-58-2ba CARBON_01

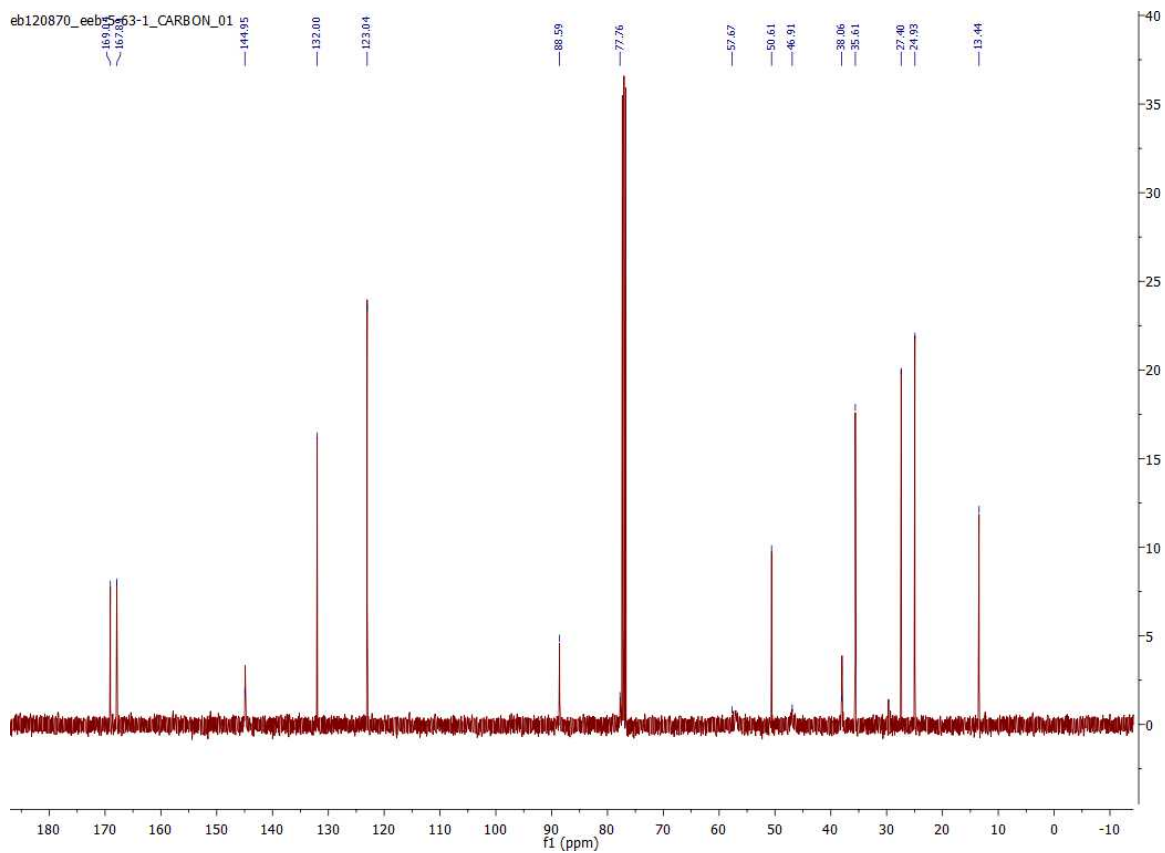


(±)-Methyl (*E*)-3-((6*R*,8*aR*)-7-ethyl-8-oxo-3,3*a*,4,6*a*,7,8-hexahydroazeto[2,3-*h*]indol-1(2*H*)-yl)acrylate

eb120798_eeb-5-63-1_PROTON_01

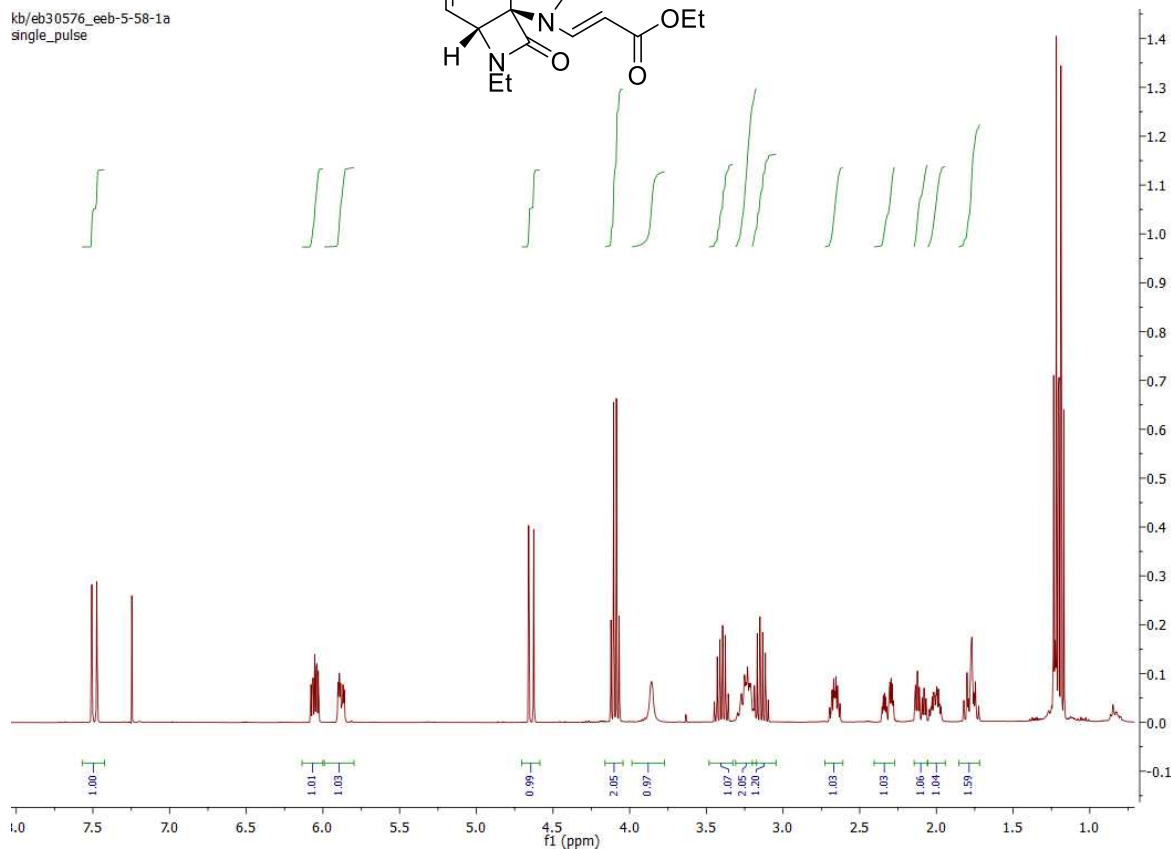
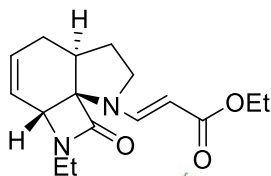


eb120870_eeb-5-63-1_CARBON_01

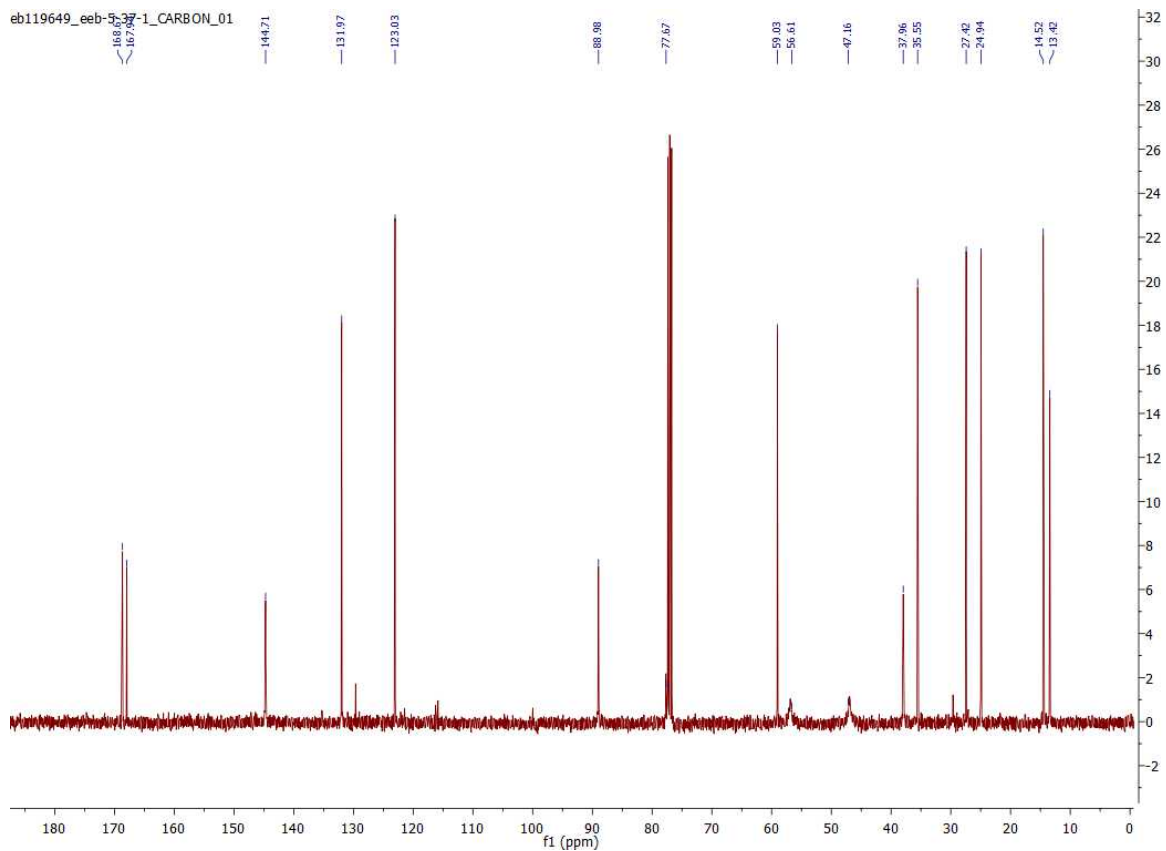


(±)-Ethyl (E)-3-((6aR,8aR)-7-ethyl-8-oxo-3,3a,4,6a,7,8-hexahydroazeto[2,3-h]indol-1(2H)-yl)acrylate

kb/eb30576_eeb-5-58-1a
single_pulse

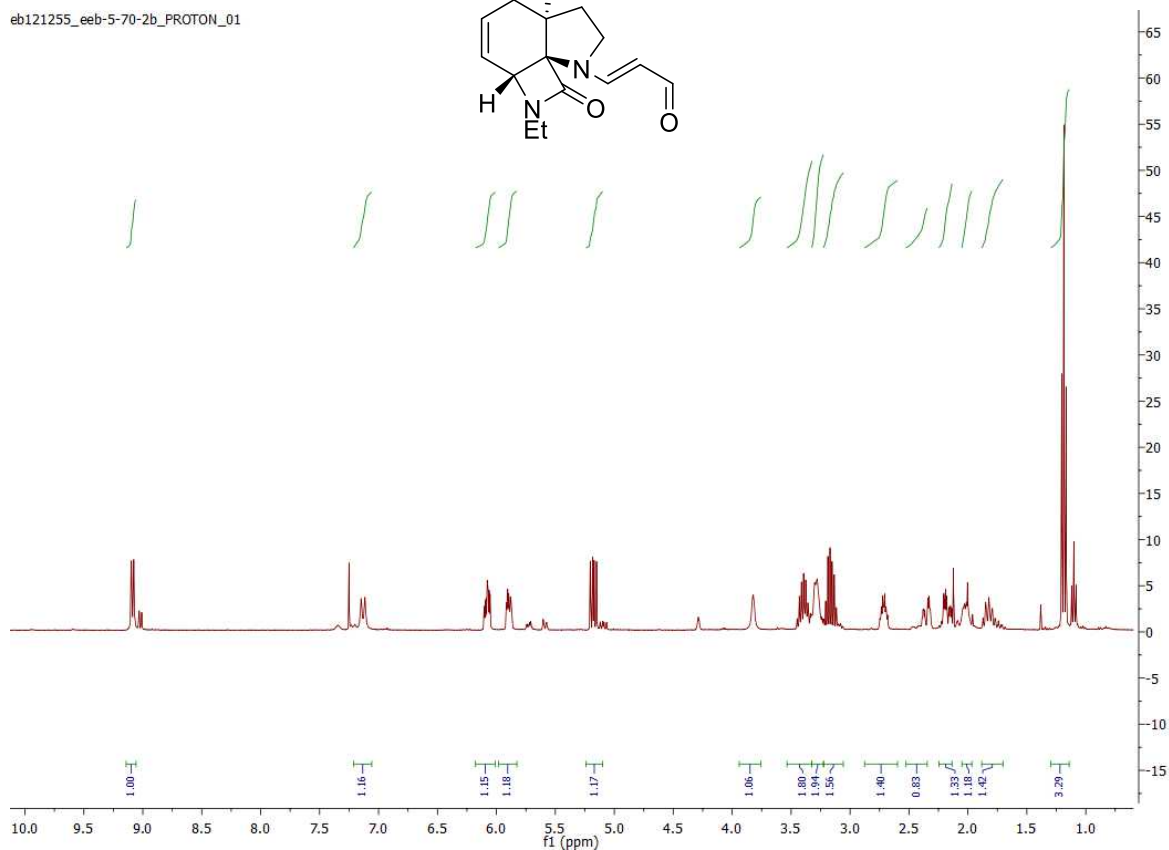
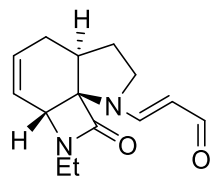


eb119649_eeb-5-58-1_CARBON_01

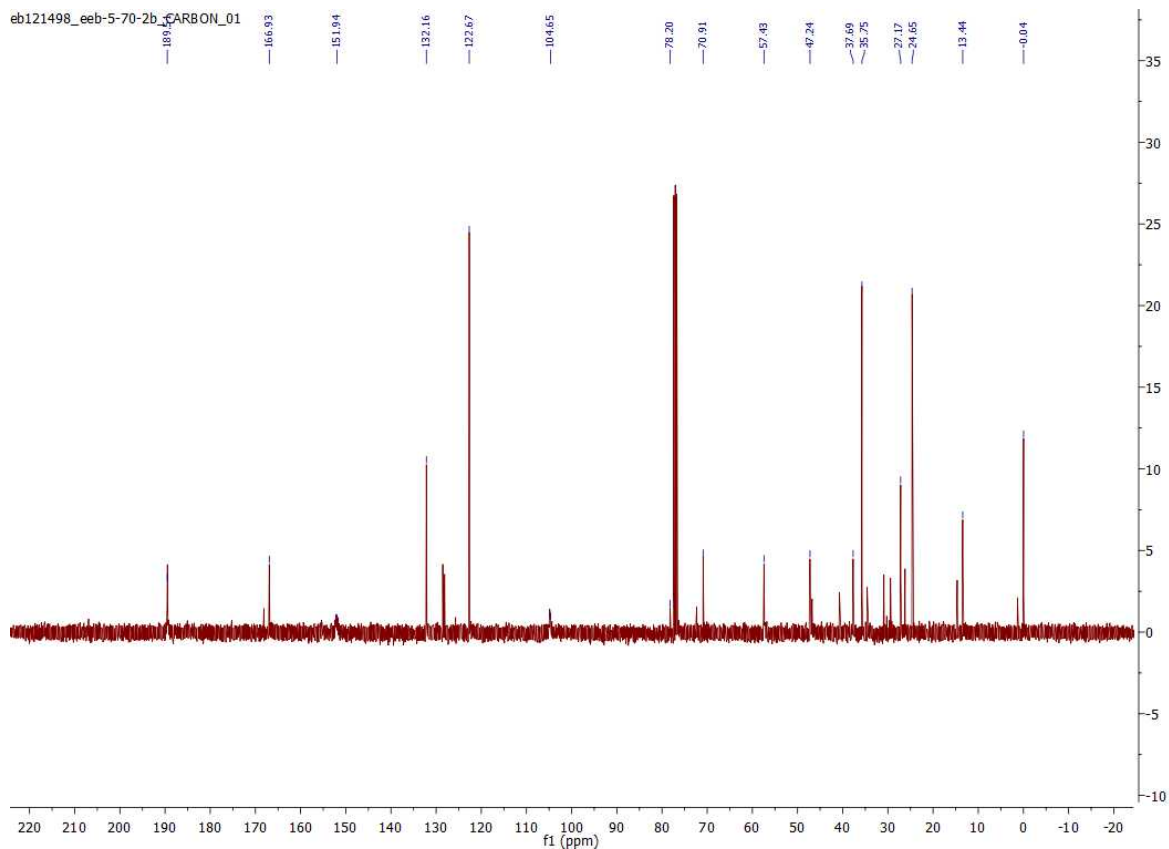


(±)-(E)-3-((6aR,8aR)-7-ethyl-8-oxo-3,3a,4,6a,7,8-hexahydroazeto[2,3-h]indol-1(2H)-yl)acrylaldehyde

eb121255_eeb-5-70-2b_PROTON_01

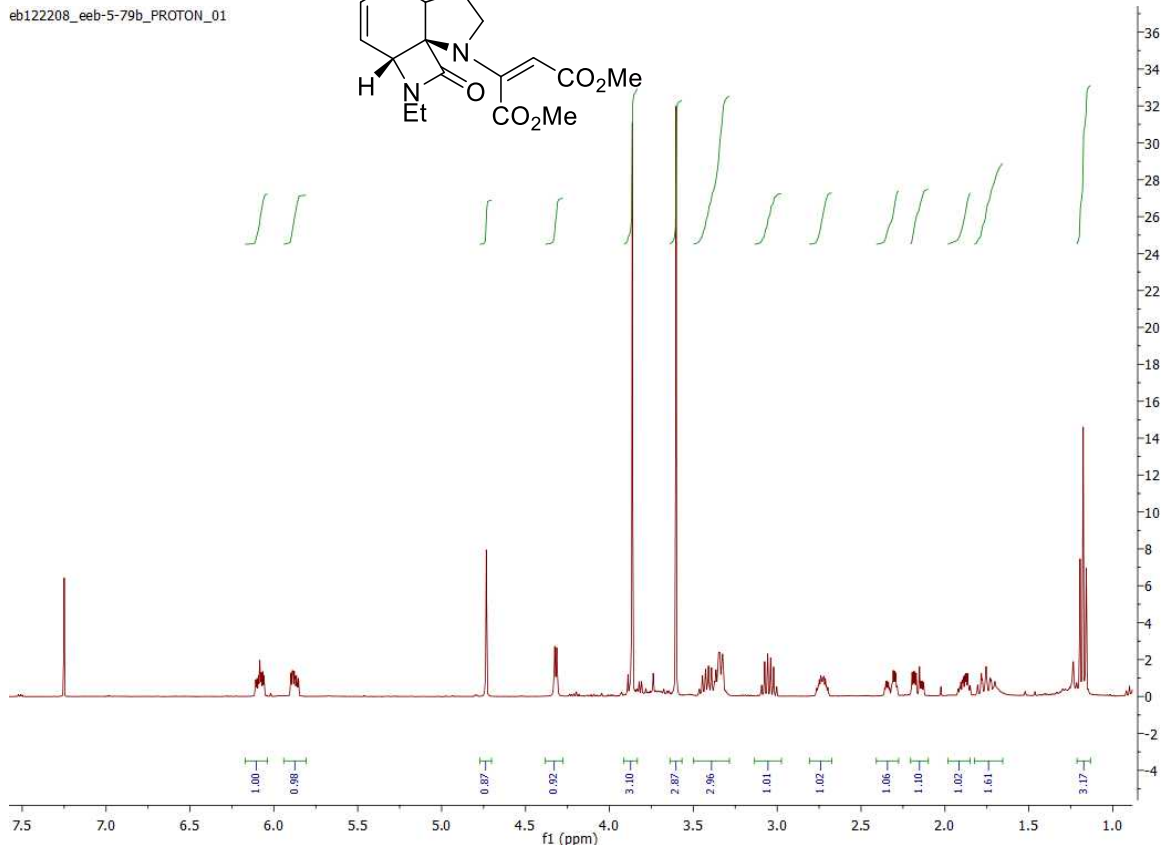
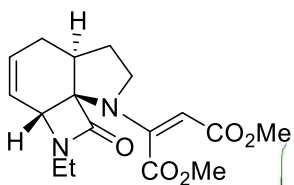


eb121498_eeb-5-70-2b CARBON_01

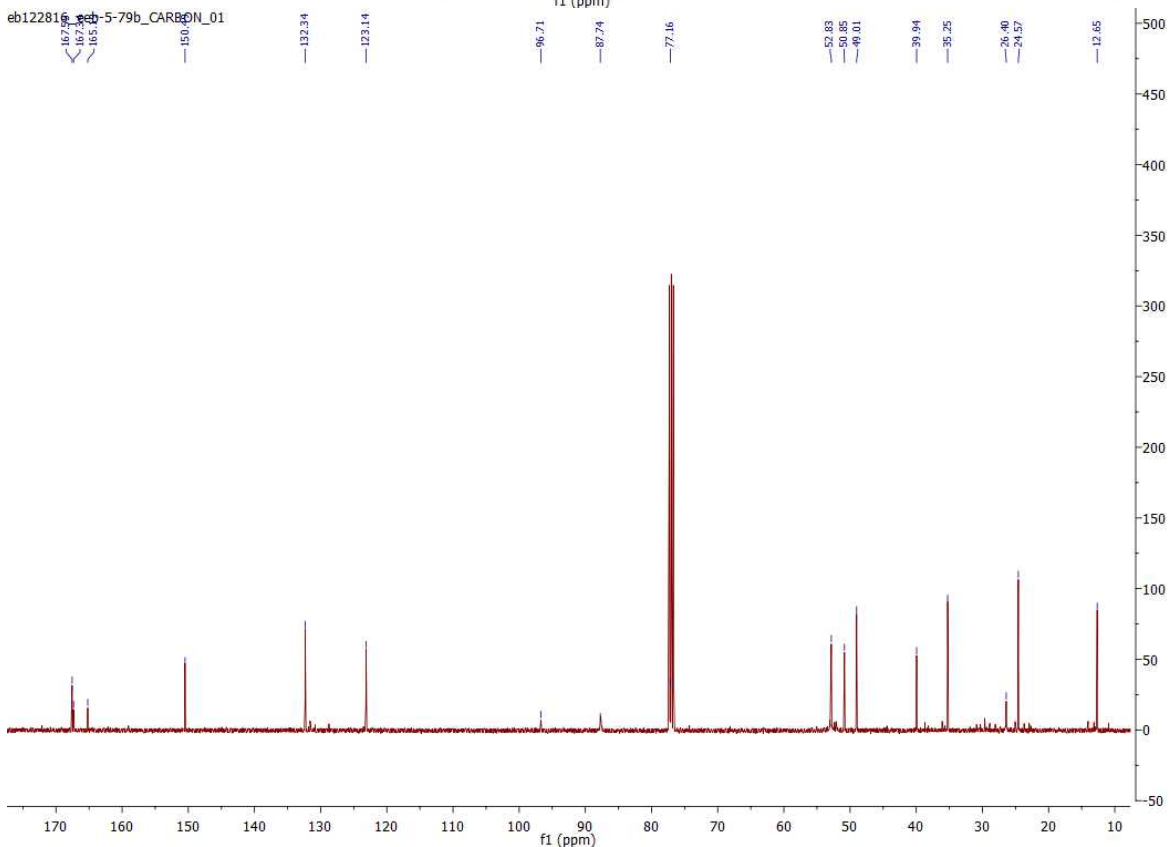


(±)-Dimethyl 2-((6a*R*,8a*R*)-7-ethyl-8-oxo-3,3a,4,6a,7,8-hexahydroazeto[2,3-*h*]indol-1(2*H*)-yl)maleate

eb122208_eeb-5-79b_PROTON_01

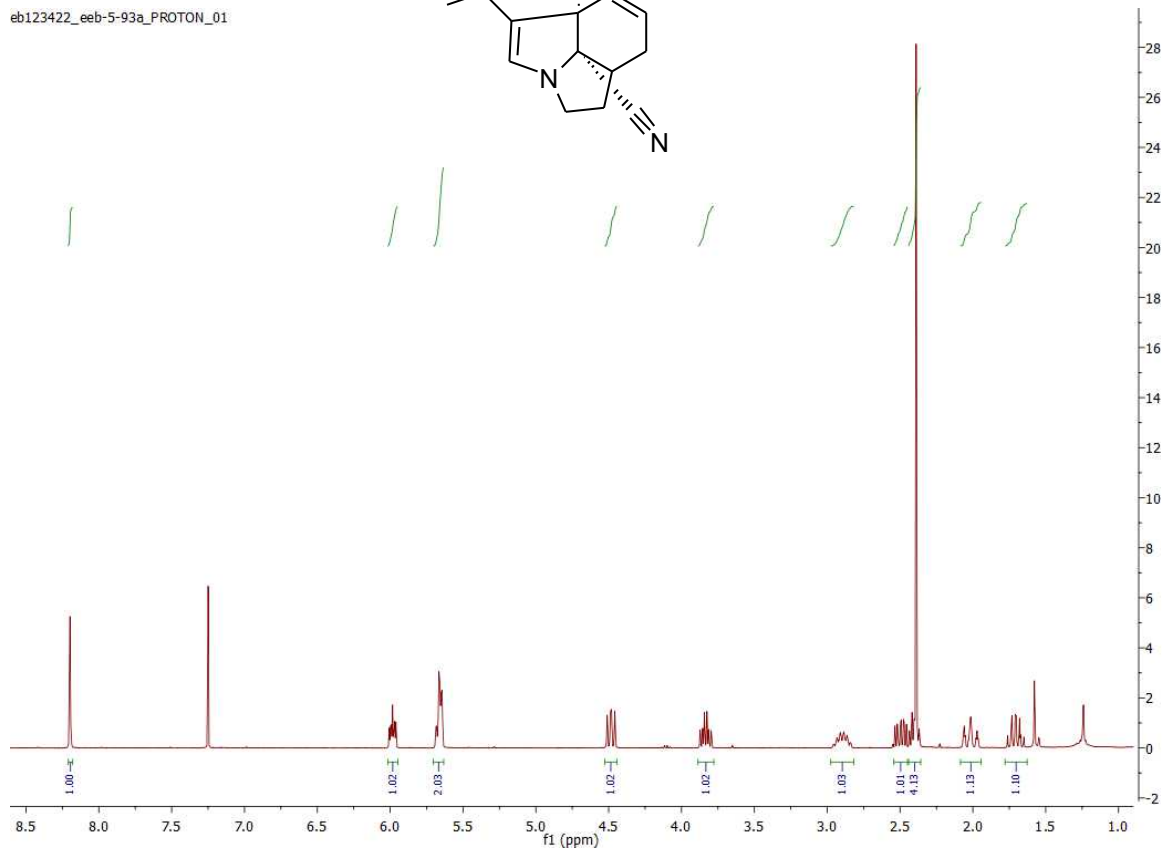
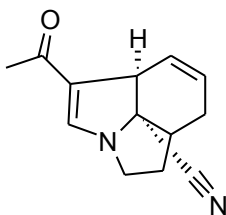


eb122816_eeb-5-79b_CARBON_01

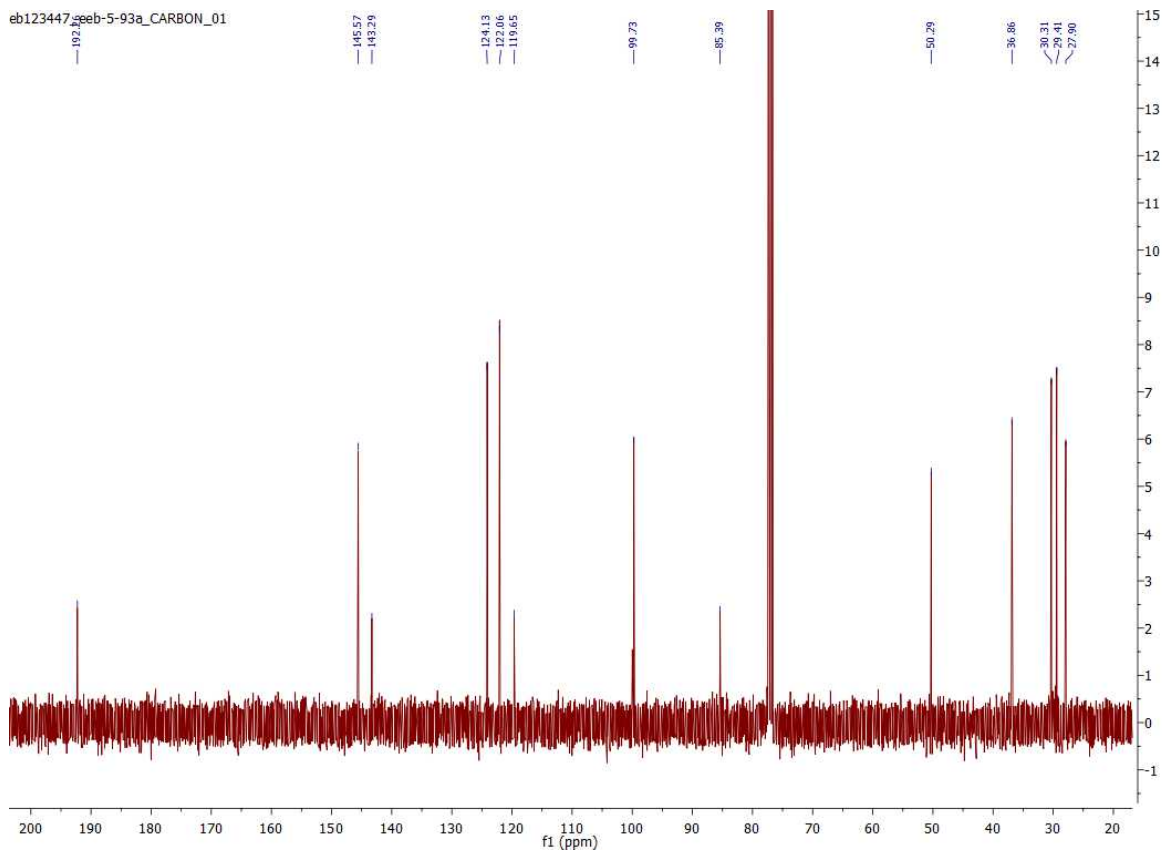


(±)-(3*R*,5*aR*)-5-acetyl-1,5*a*,8,8*a*-tetrahydropyrrolo[3,2-*h*]indole-3(2*H*)-carbonitrile

eb123422_eeb-5-93a_PROTON_01

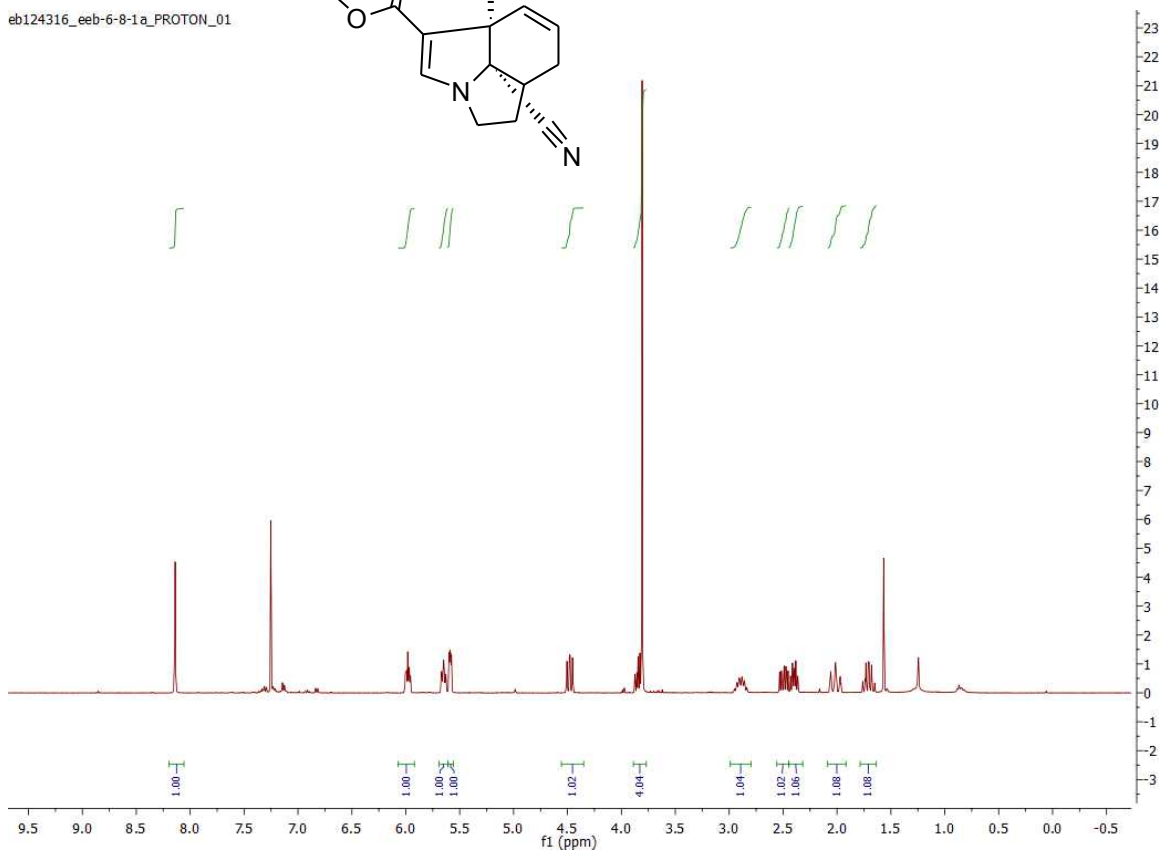
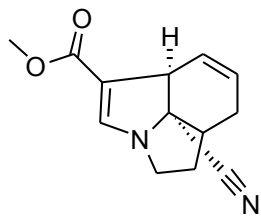


eb123447_eeb-5-93a_CARBON_01

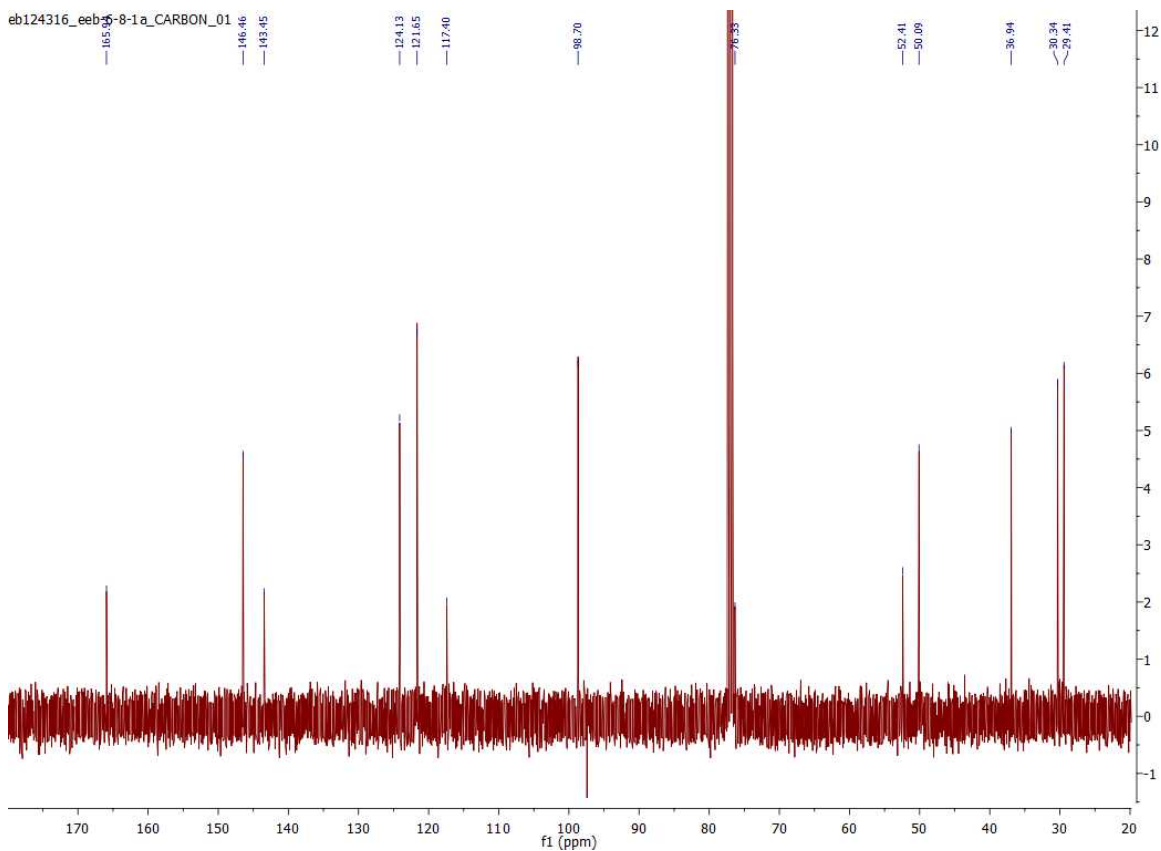


(±)-Methyl (3*R*,5*aR*)-31-cyano-1,2,31,5*a*,8,8*a*-hexahydropyrrolo[3,2,1-*h*]indole-5-carboxylate

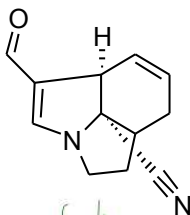
eb124316_eeb-6-8-1a_PROTON_01



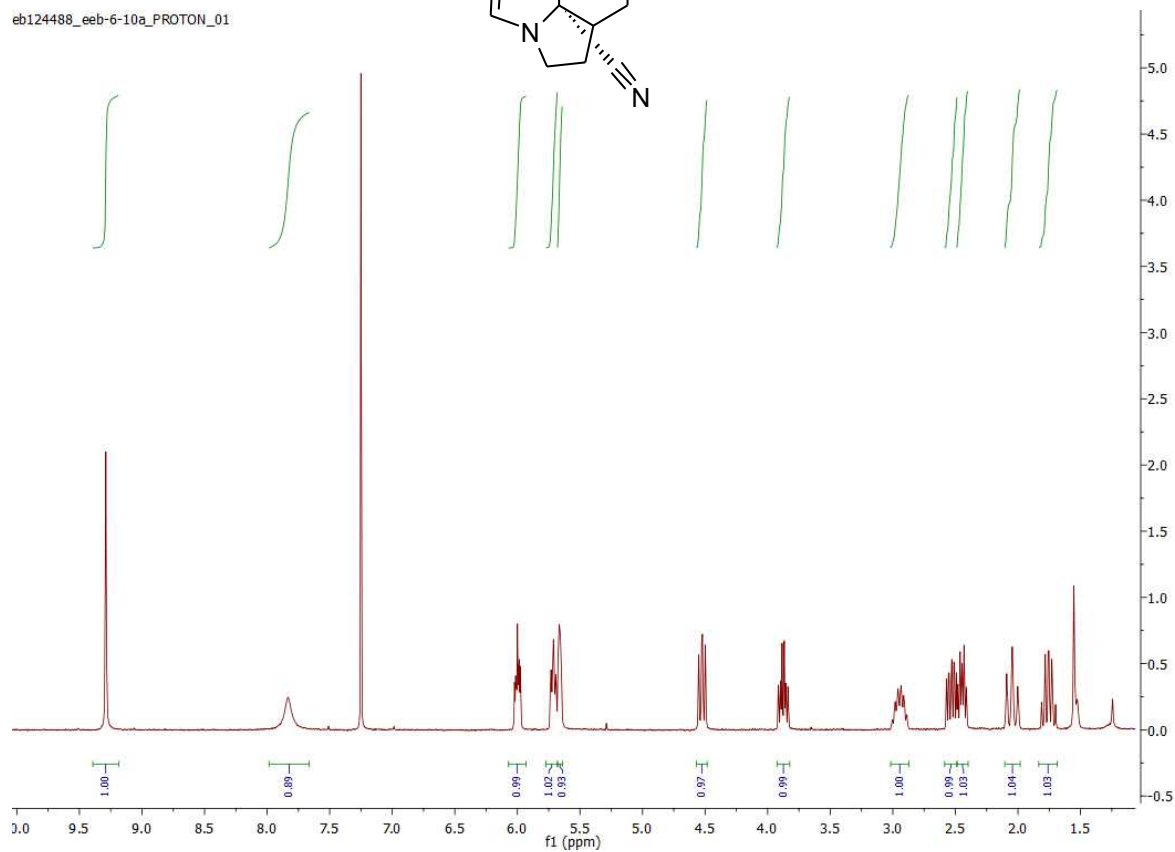
eb124316_eeb-6-8-1a_CARBON_01



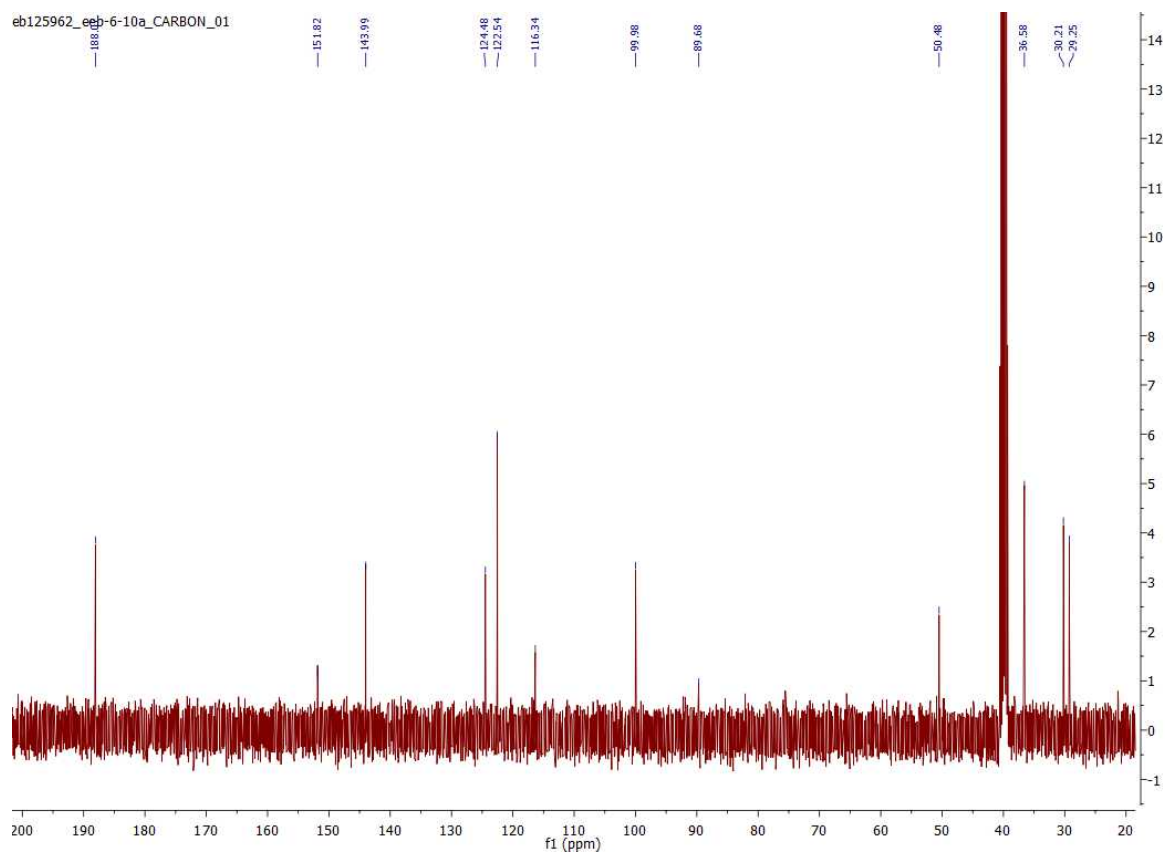
(±)-(3*R*,5*aR*)-5-formyl-1,5*a*,8,8*a*-tetrahydropyrrolo[3,2,1-*hi*]indole-3(2*H*)-carbonitrile



eb124488_eeb-6-10a_PROTON_01

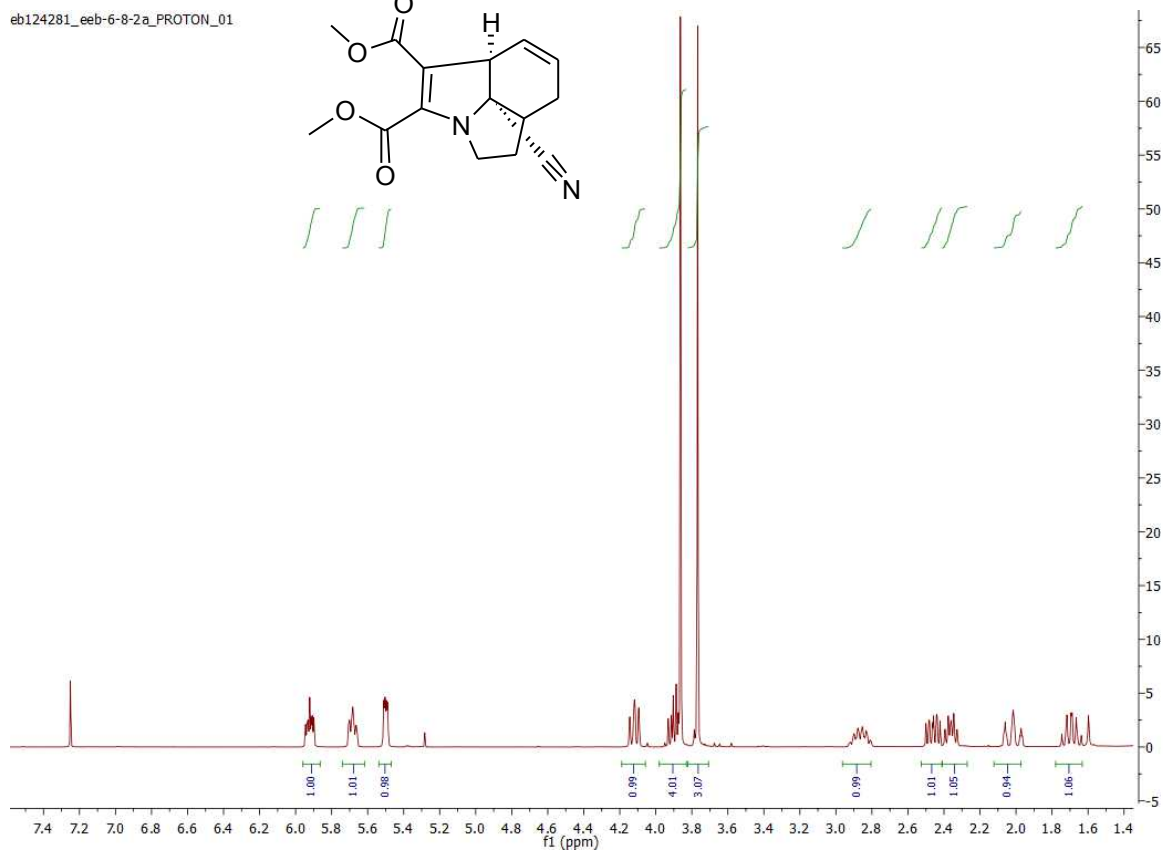
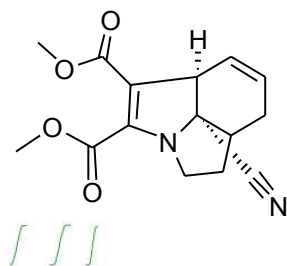


eb125962_eeb-6-10a_CARBON_01

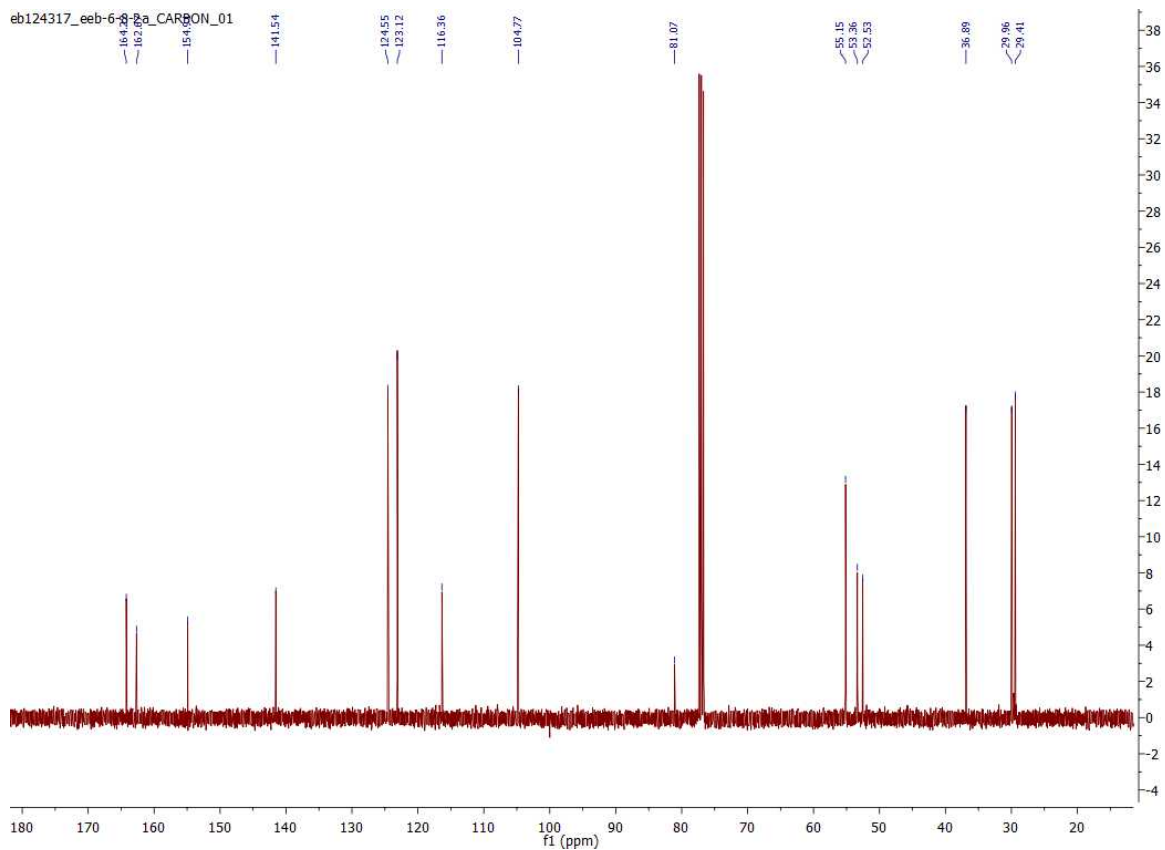


(±)-Dimethyl (3*R*,5*aR*)-31-cyano-1,2,3,5*a*,8,8*a*-hexahydropyrrolo[3,2,1-*h*]indole-4,5-dicarboxylate

eb124281_eeb-6-8-2a_PROTON_01



eb124317_eeb-6-8-2a_CARBON_01



(±)-(3*R*,5*aR*)-1,5*a*,8,8*a*-tetrahydropyrrolo[3,2,1-*h*]indole-3,5(2*H*)-dicyanonitrile

