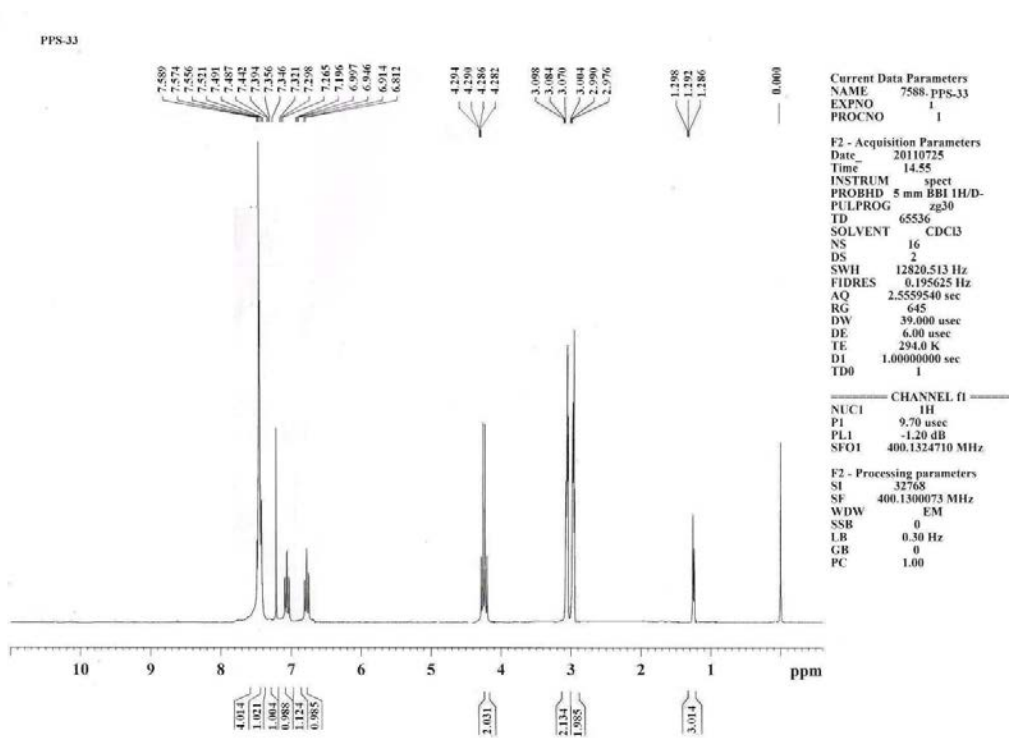
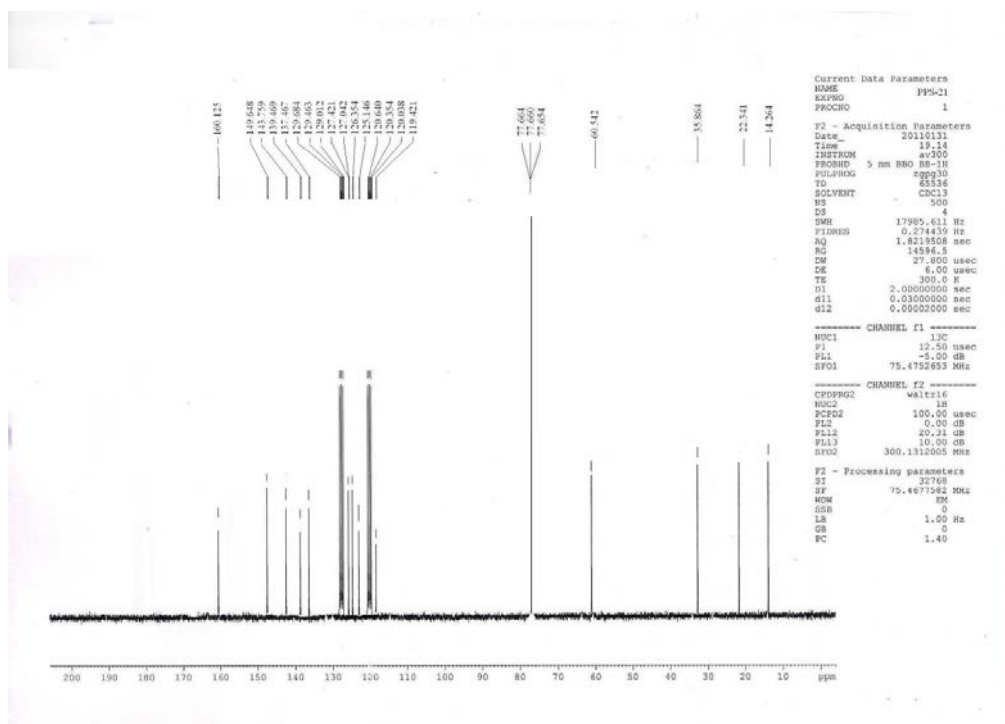


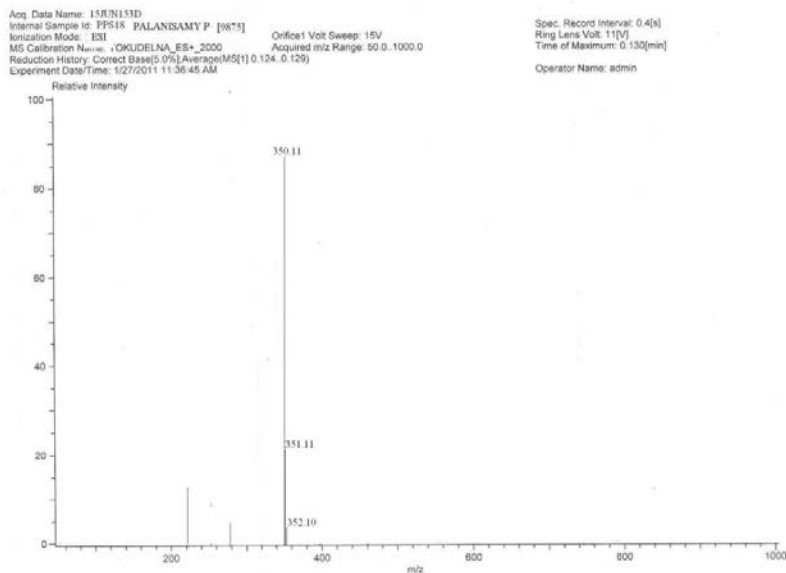
IR spectrum of ethyl 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylate (7)



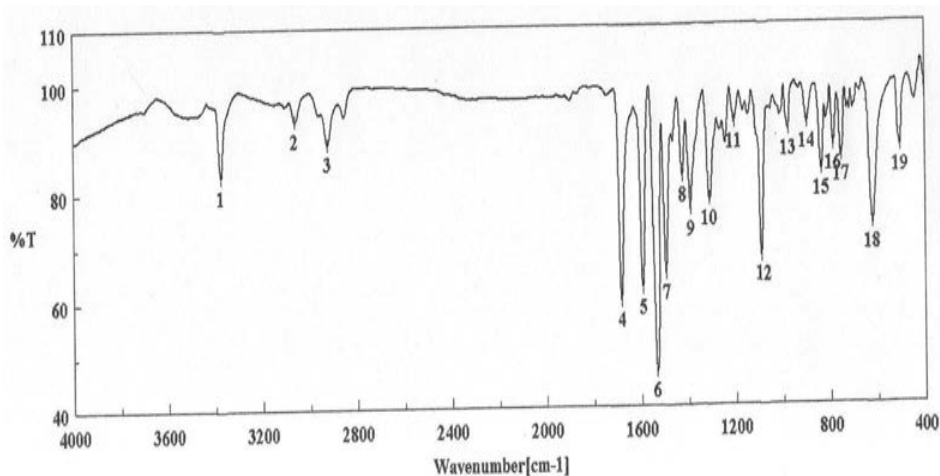
¹H-NMR spectrum of ethyl 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylate (7)



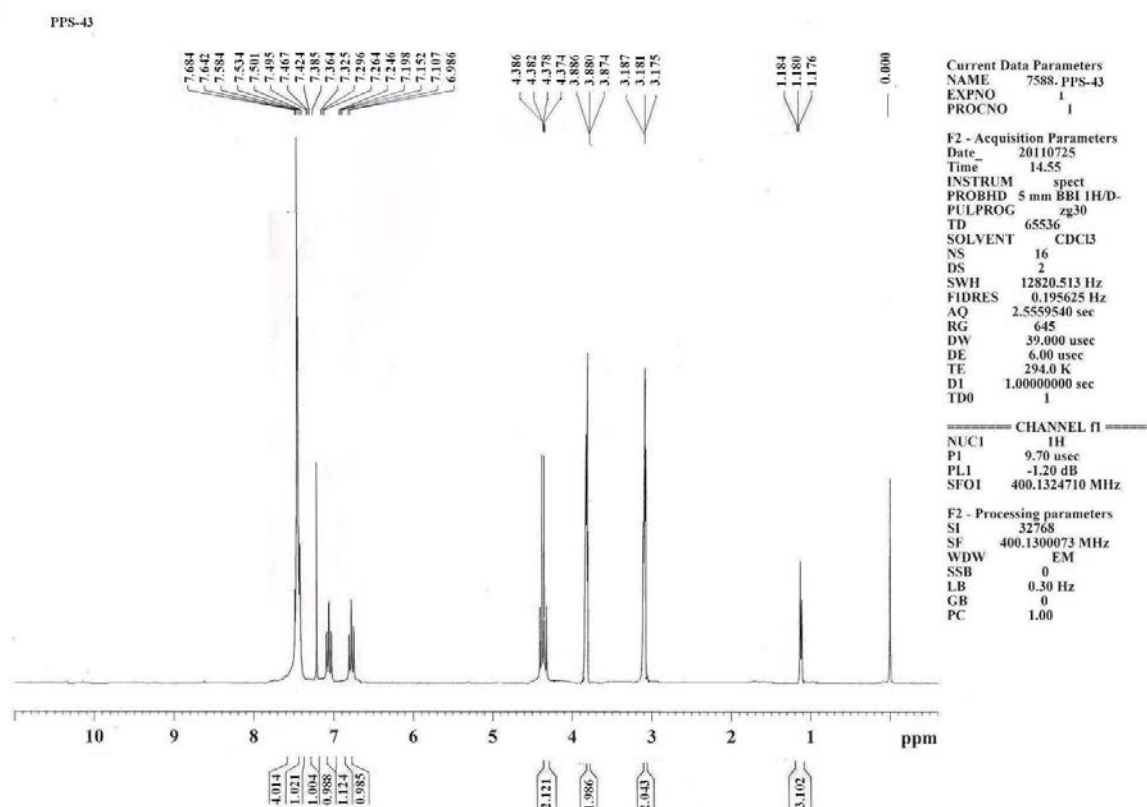
¹³C-NMR spectrum of ethyl 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylate (7)



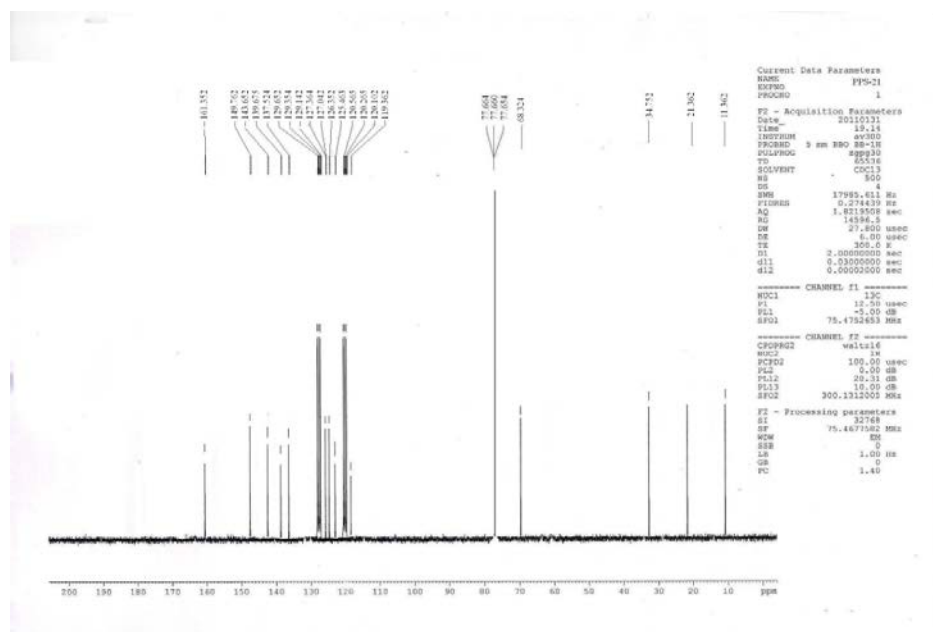
Mass spectrum of ethyl 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylate (7)



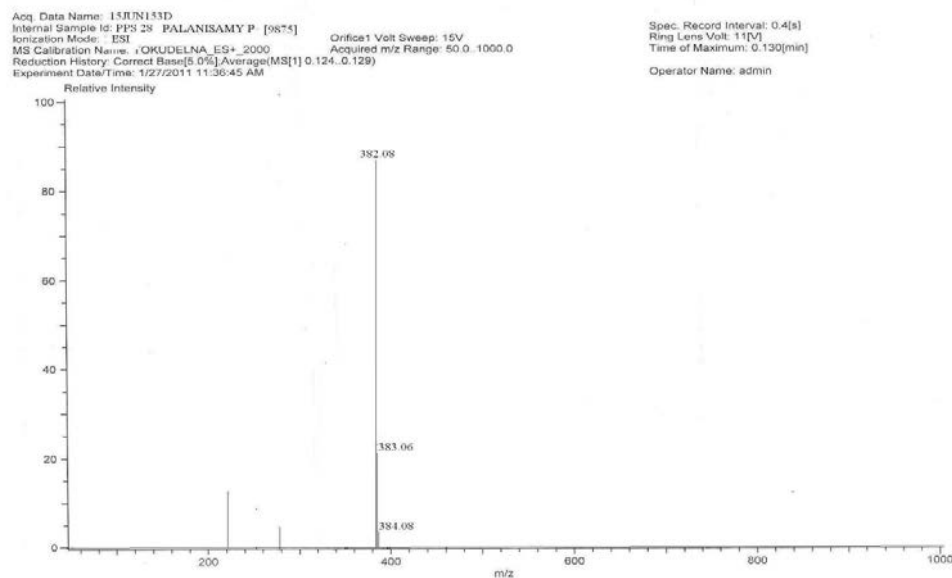
IR spectrum of 1-(6,6-dioxido-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazol-3-yl)butan-1-one (8)



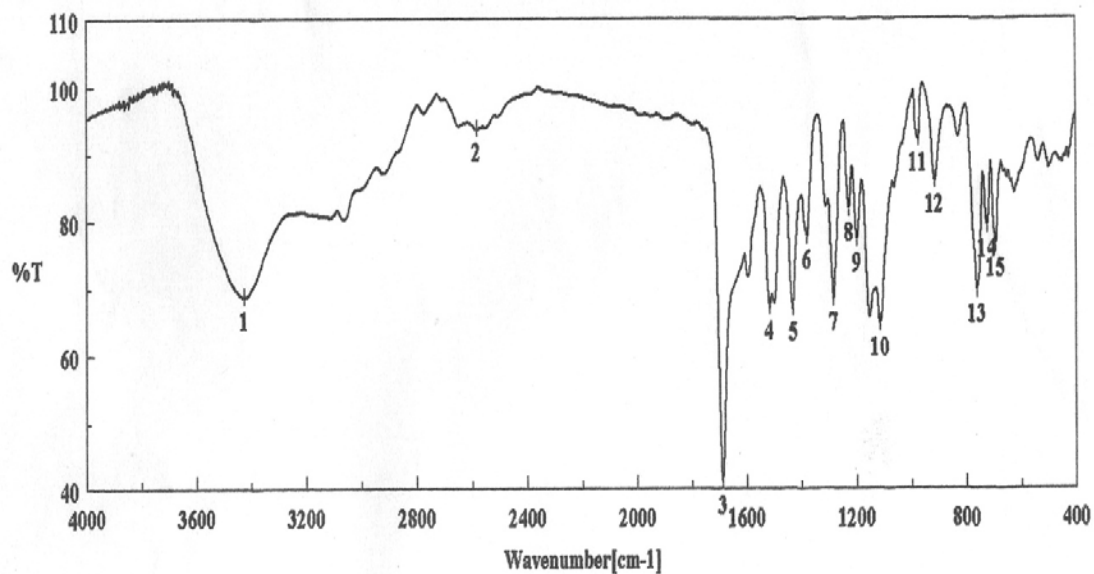
¹H-NMR spectrum of 1-(6,6-dioxido-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazol-3-yl)butan-1-one (8)



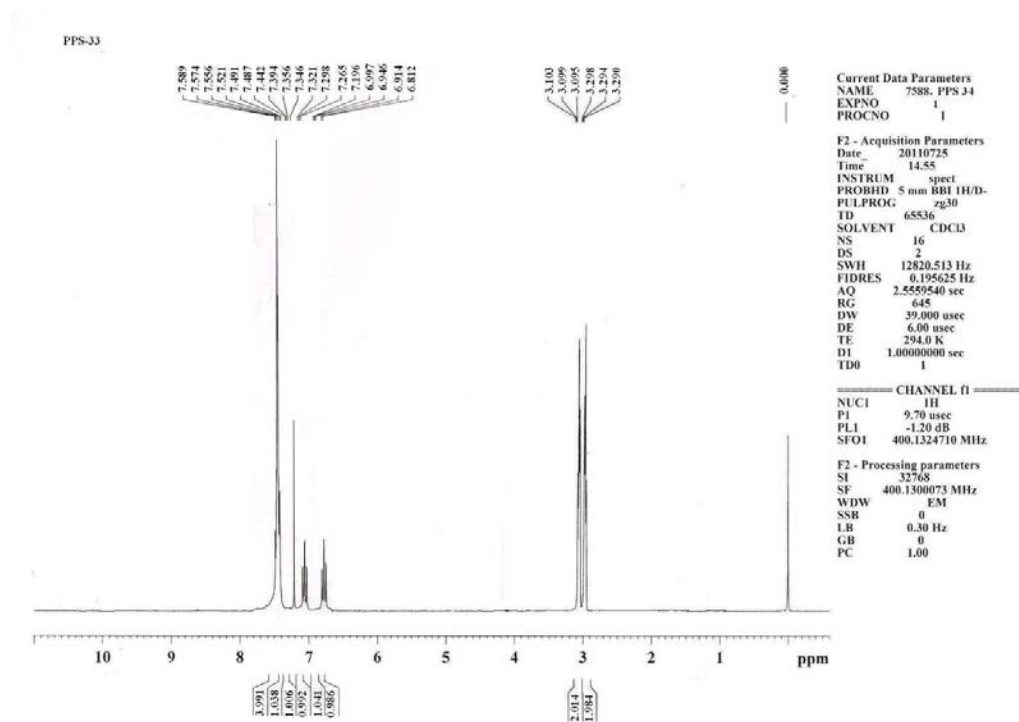
¹³C-NMR spectrum of 1-(6,6-dioxido-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazol-3-yl)butan-1-one (8)



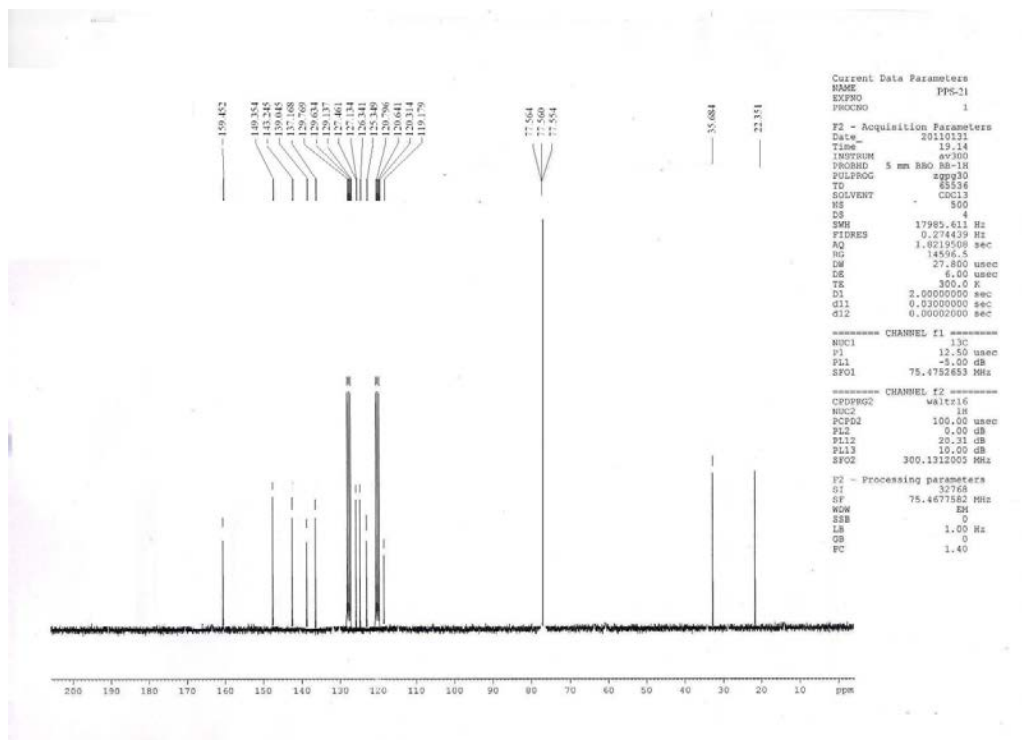
Mass spectrum of 1-(6,6-dioxido-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazol-3-yl)butan-1-one (8)



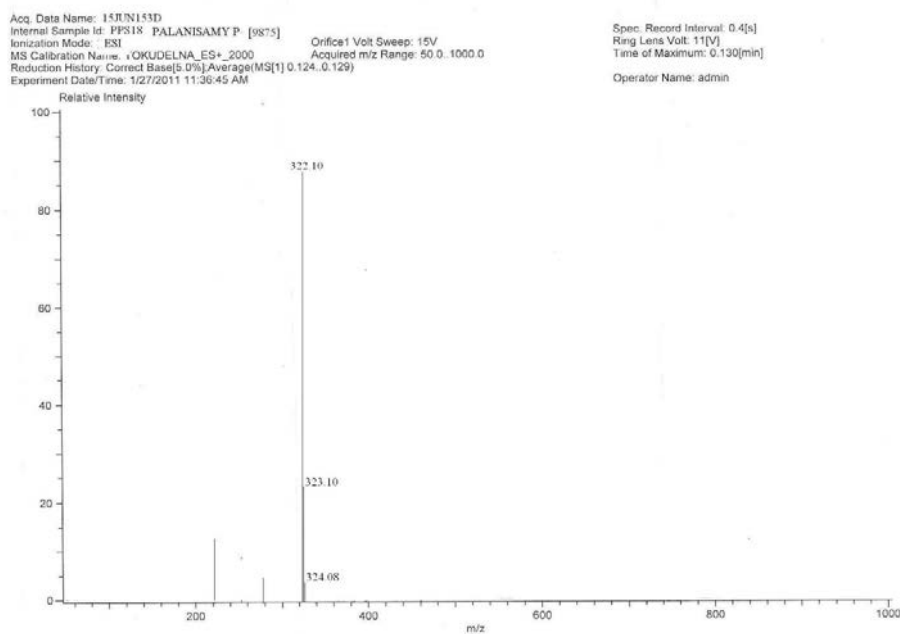
IR spectrum of 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylic acid (9)



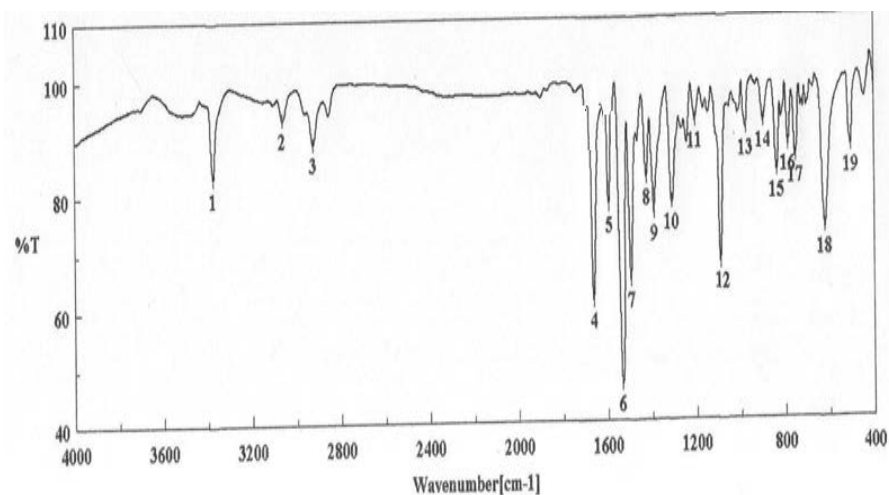
¹H-NMR spectrum of 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylic acid (9)



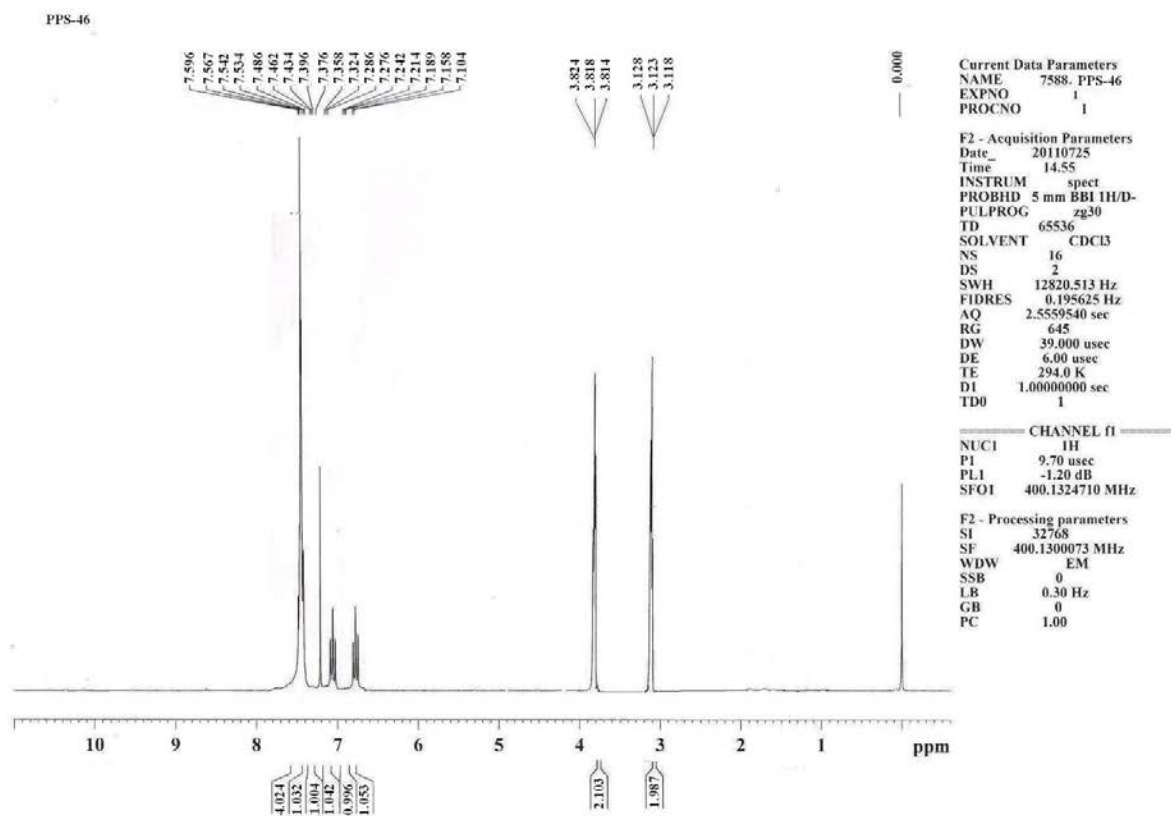
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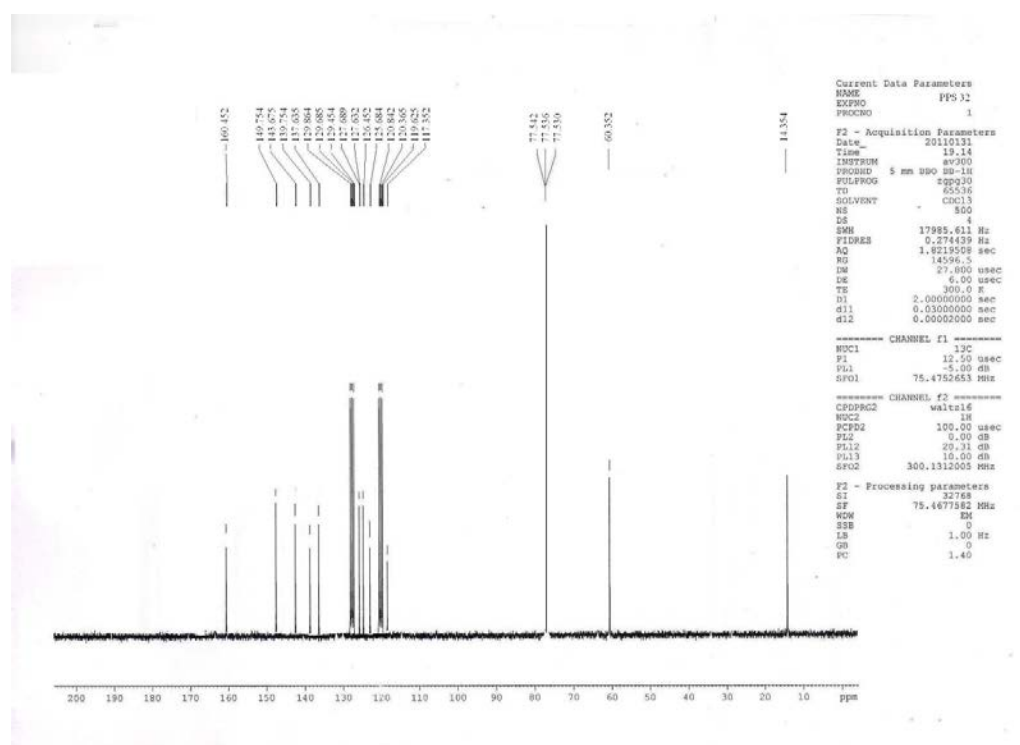
Mass spectrum of 1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxylic acid (9)



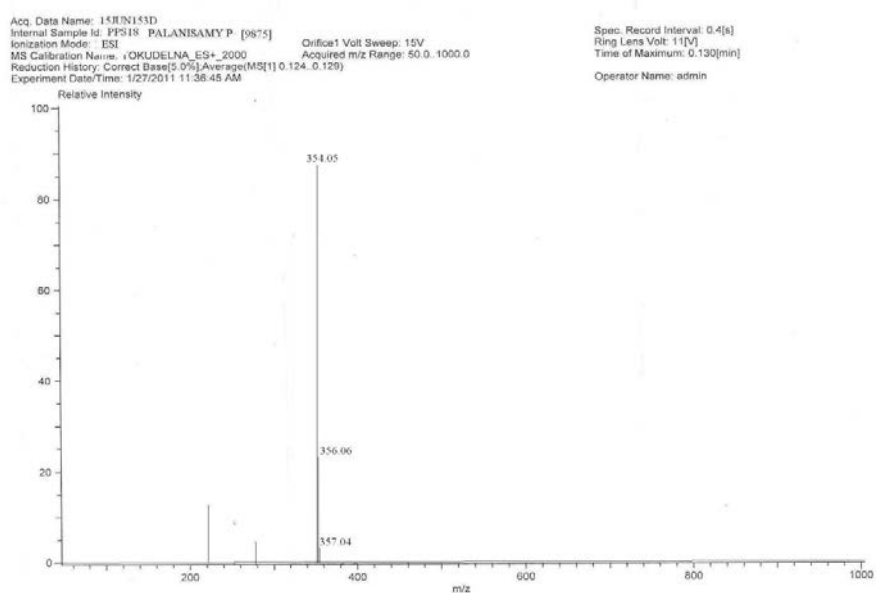
IR spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxylic acid 6,6-dioxide (10)



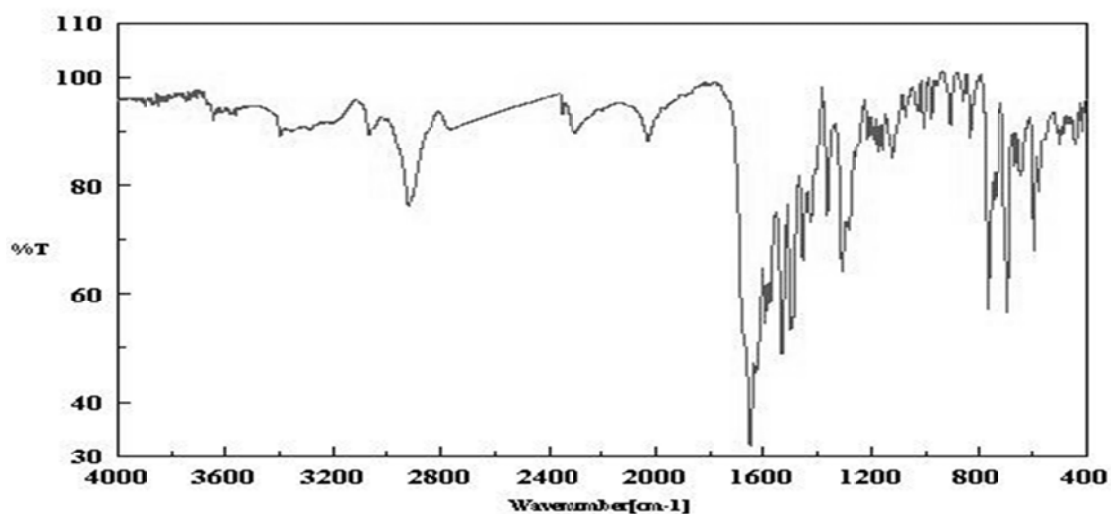
¹H-NMR spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxylic acid 6,6-dioxide (10)



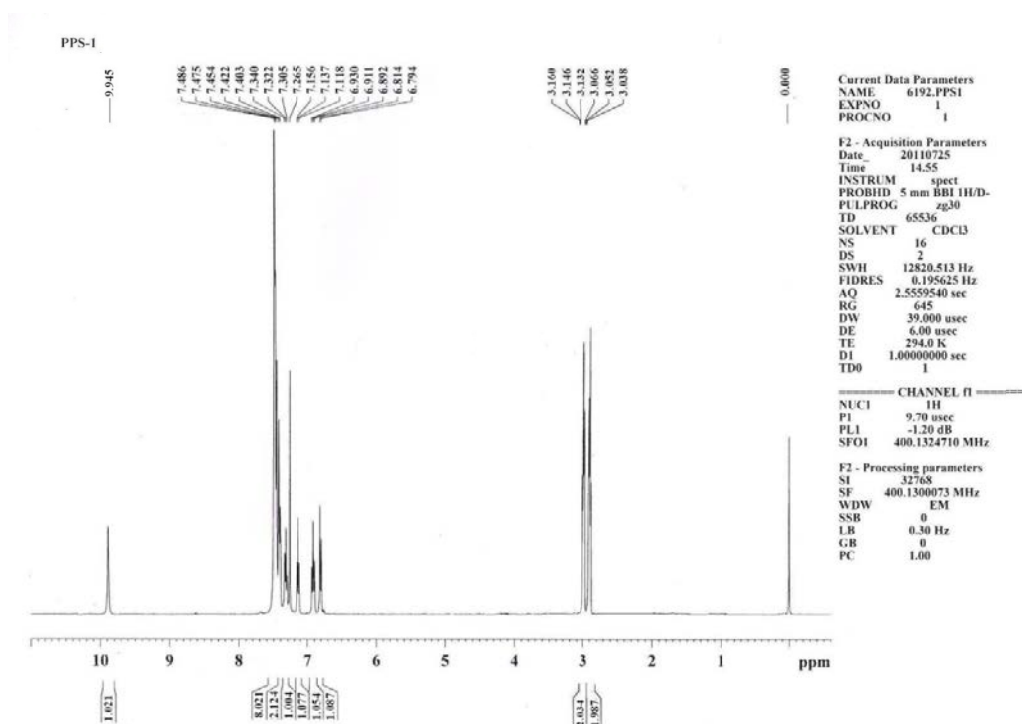
^{13}C -NMR spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxylic acid 6,6-dioxide (10)



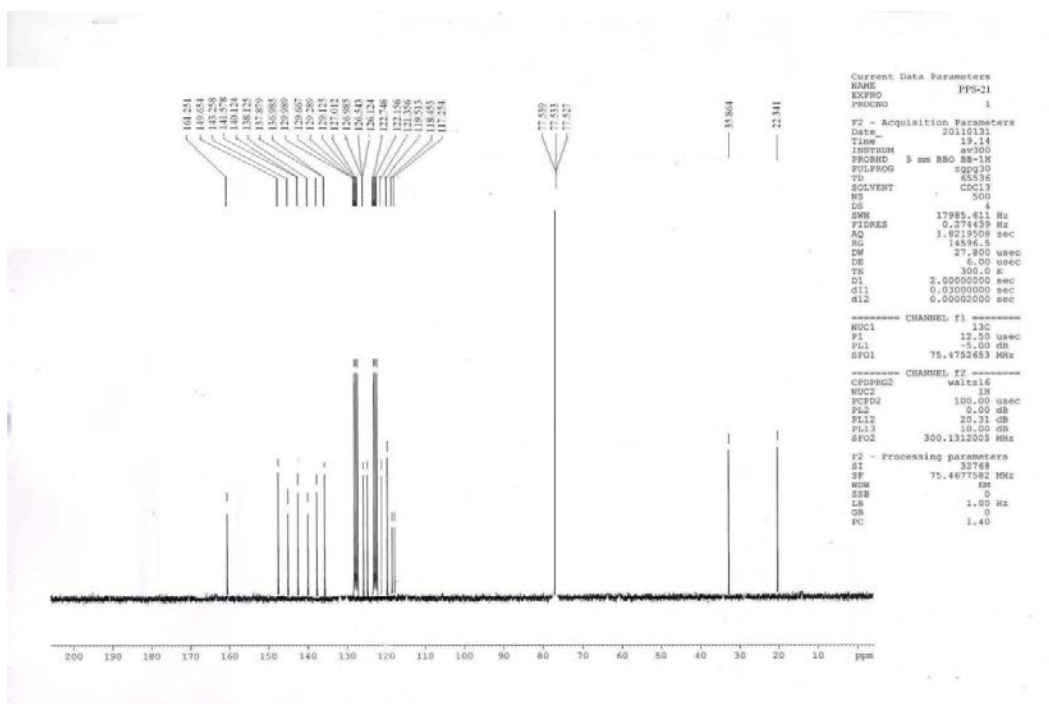
Mass spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxylic acid 6,6-dioxide (10)



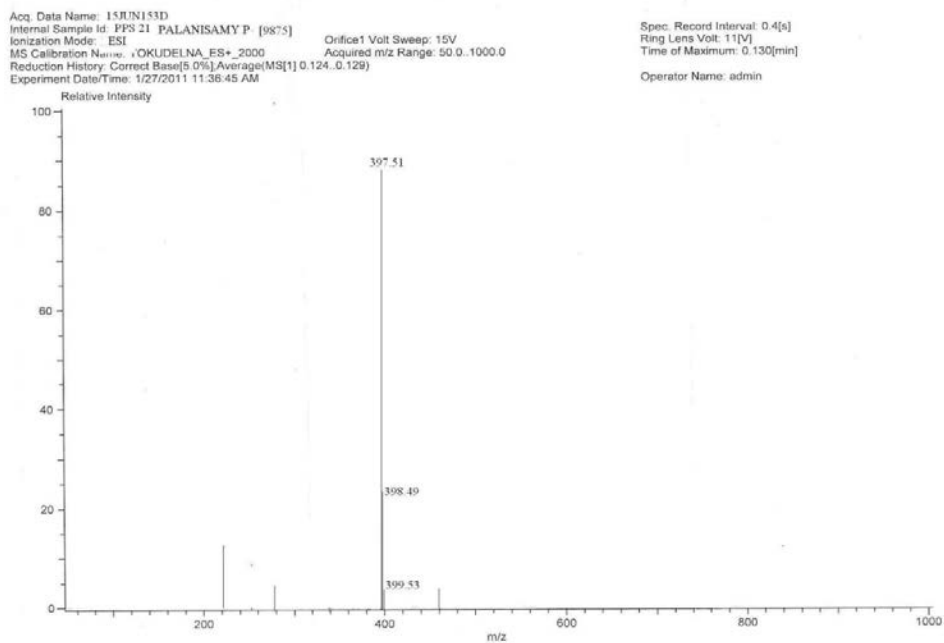
IR spectrum of *N*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11a)



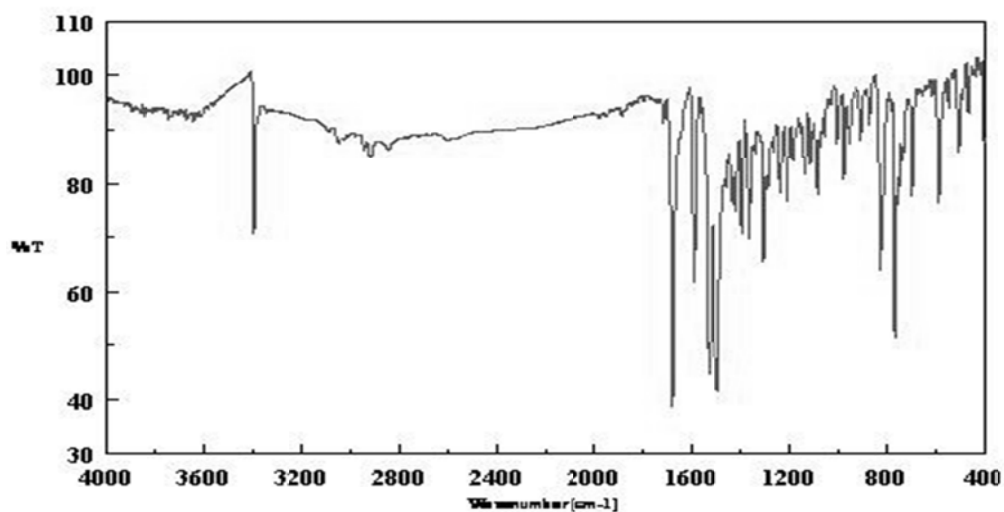
¹H-NMR spectrum of *N*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11a)



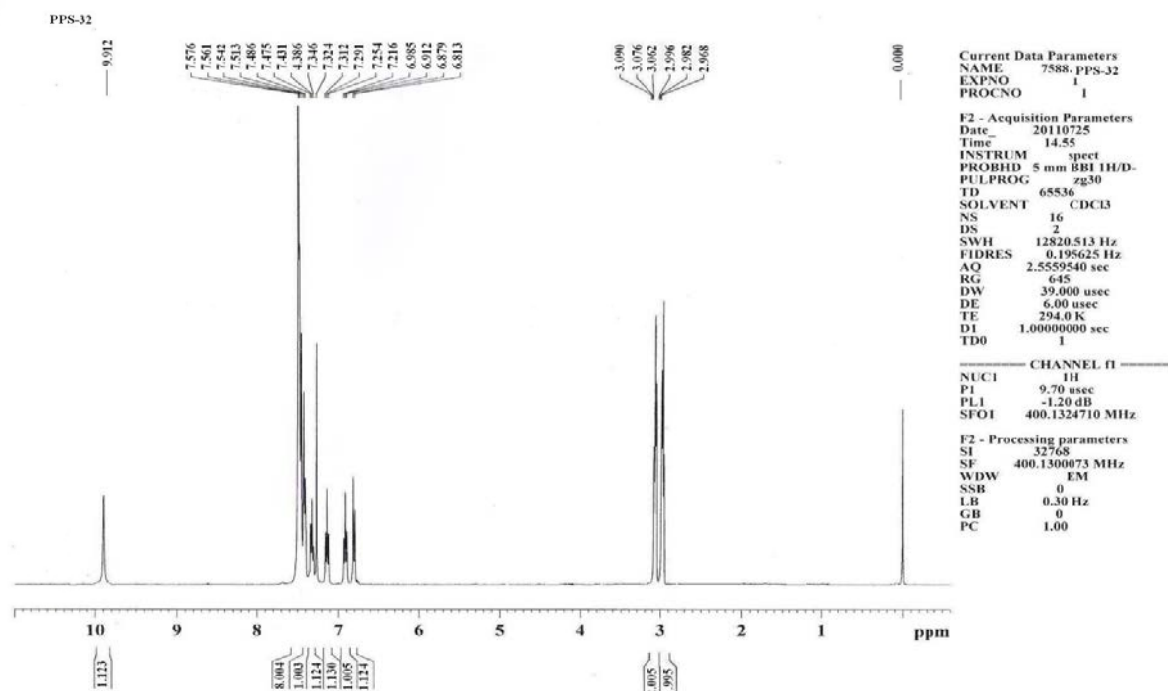
^{13}C -NMR spectrum of *N*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11a)



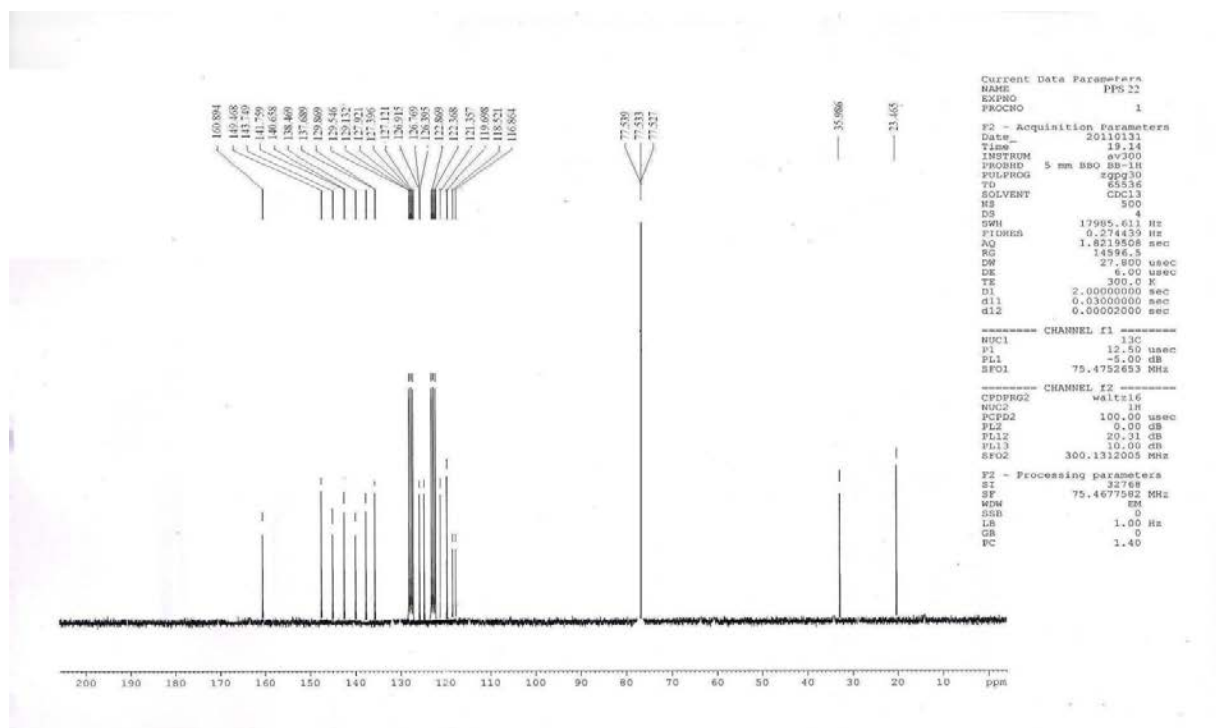
Mass spectrum of *N*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11a)



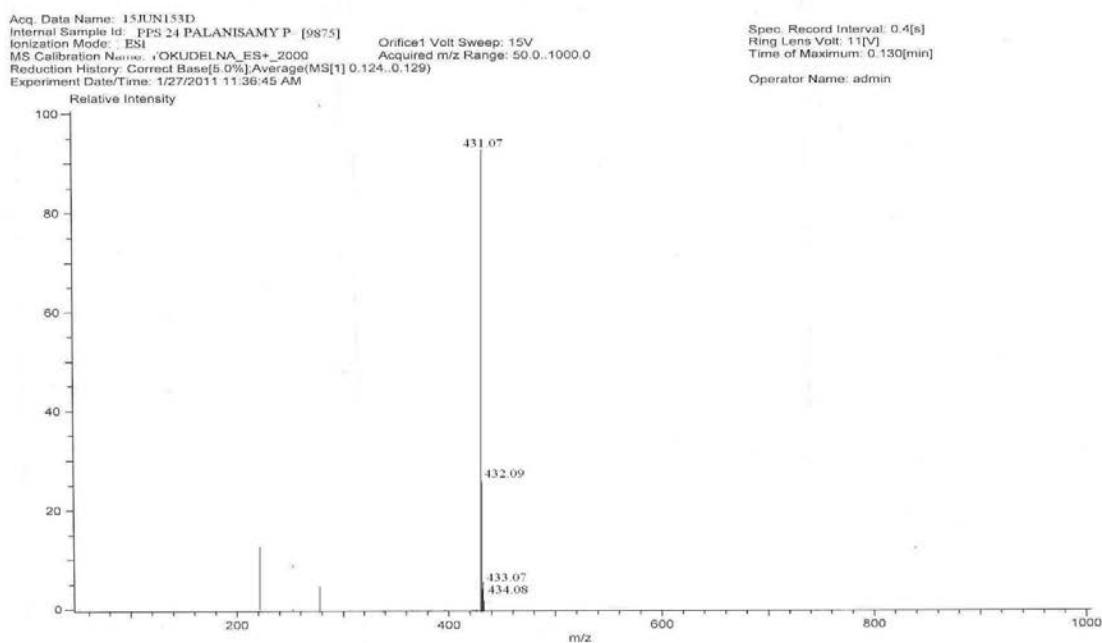
IR spectrum of *N*-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepiino[5,4-*c*]pyrazole-3-carboxamide (11b)



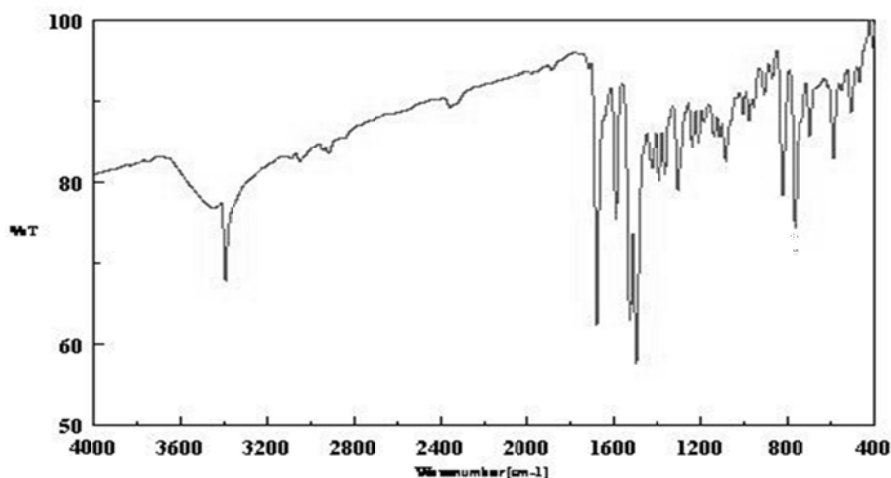
¹H-NMR spectrum of *N*-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepiino[5,4-*c*]pyrazole-3-carboxamide (11b)



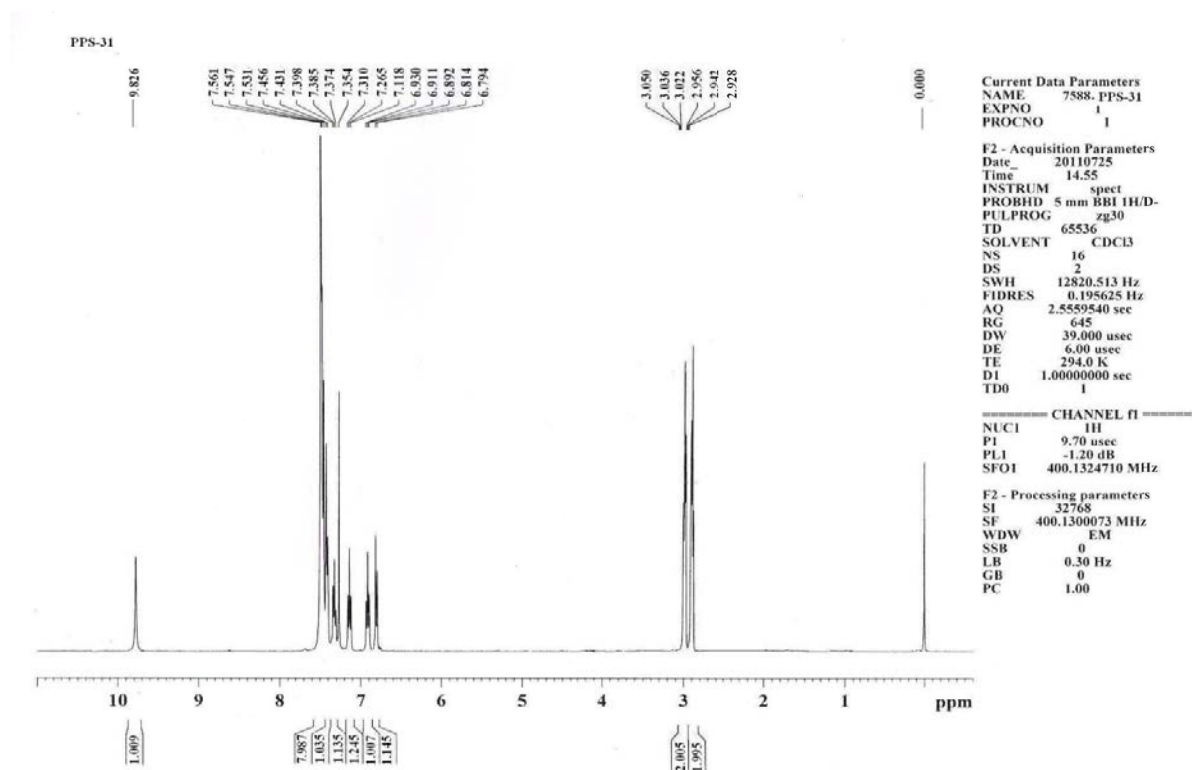
¹³C-NMR *N*-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11b)



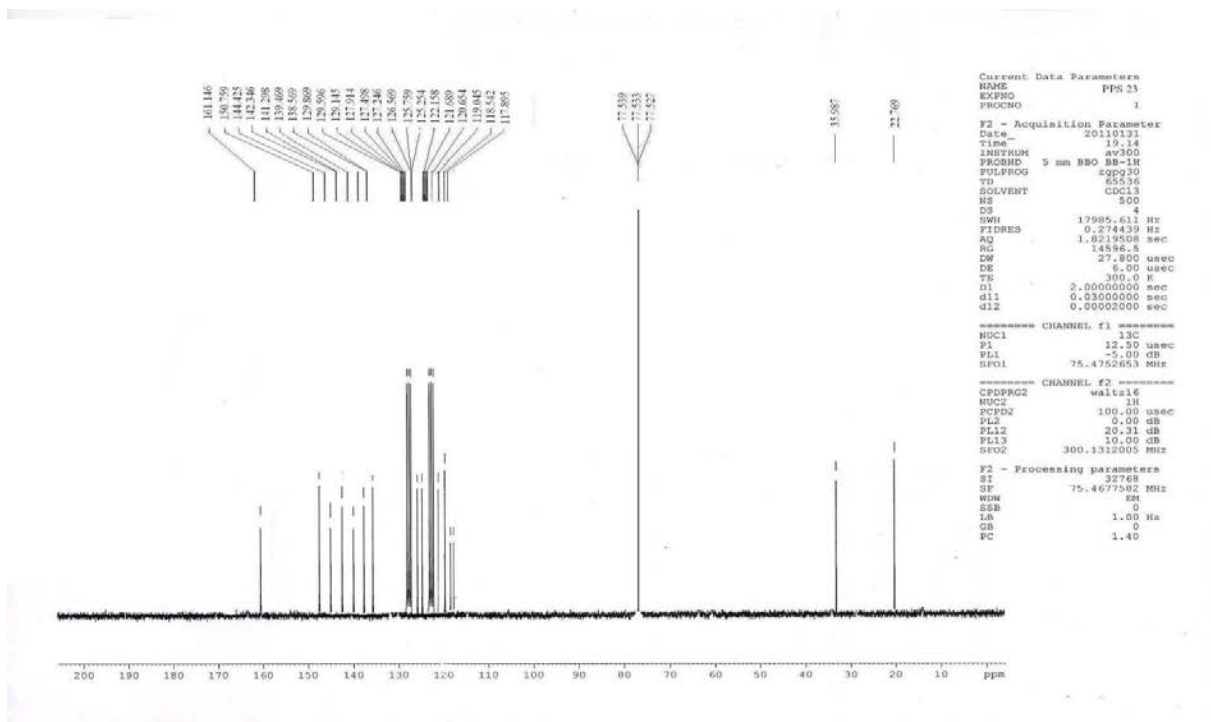
Mass spectrum of *N*-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11b)



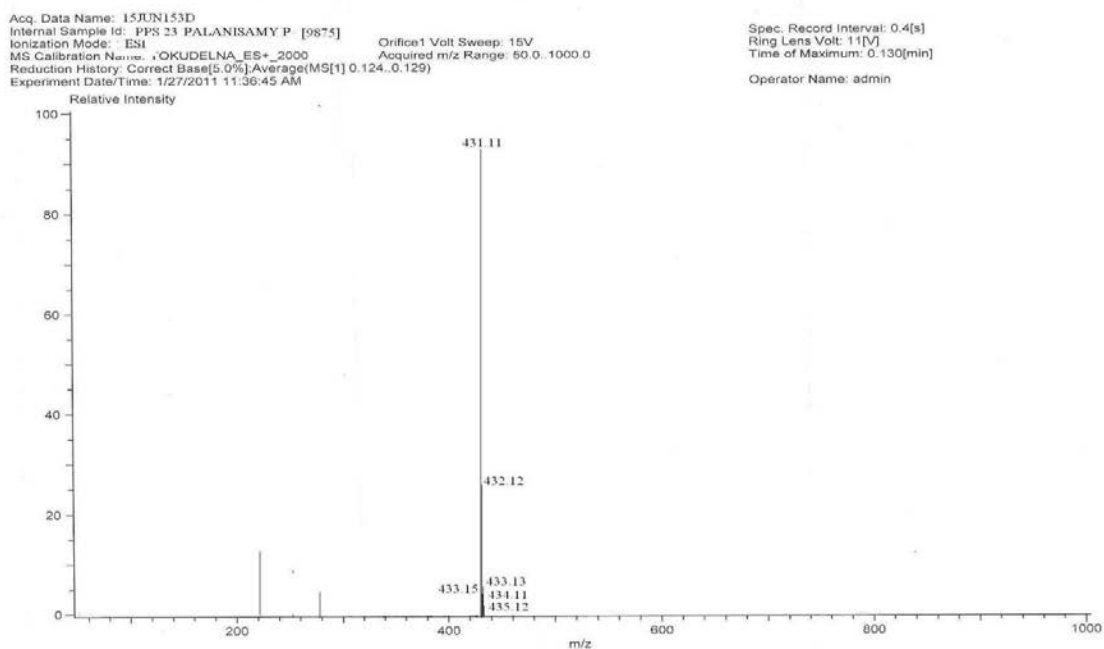
IR spectrum of *N*-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11c)



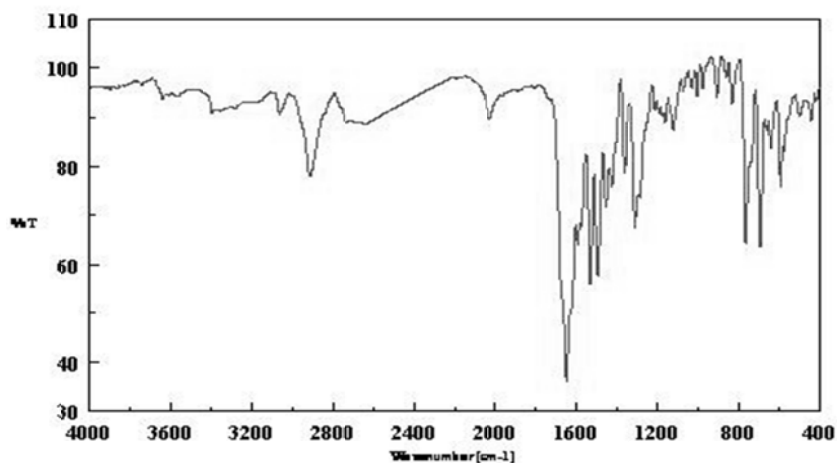
¹H-NMR spectrum of *N*-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11c)



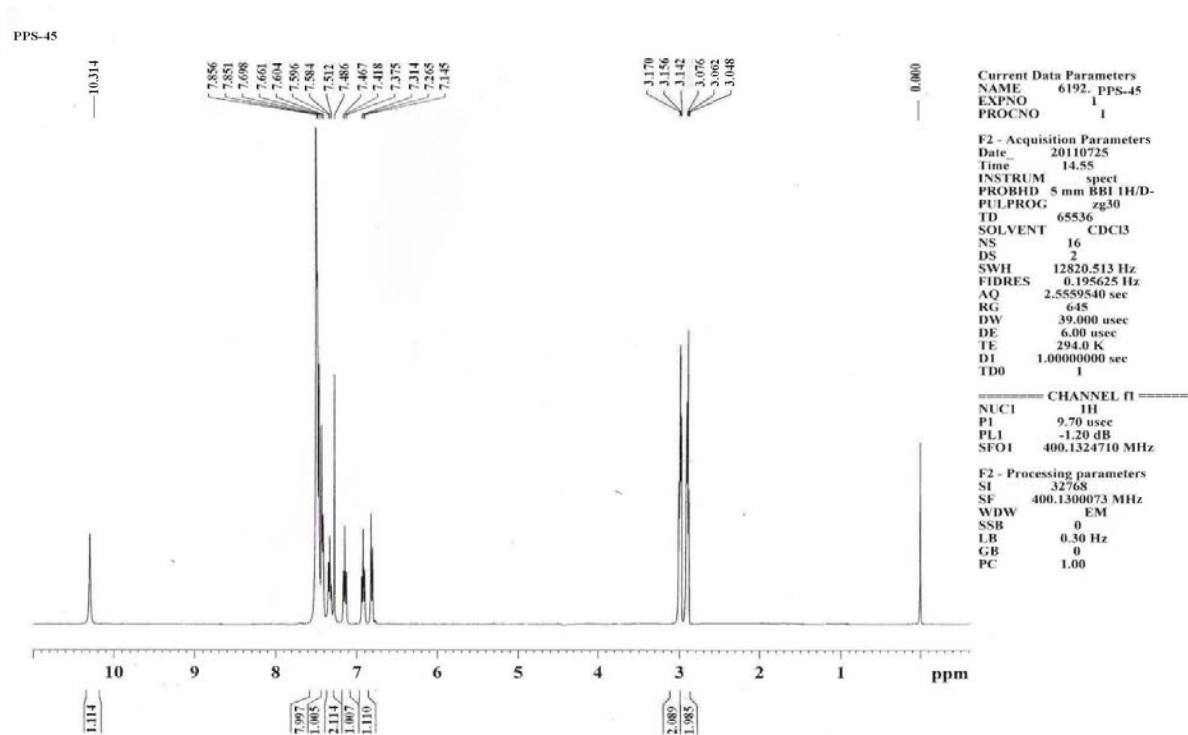
¹³C-NMR spectrum of *N*-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11c)



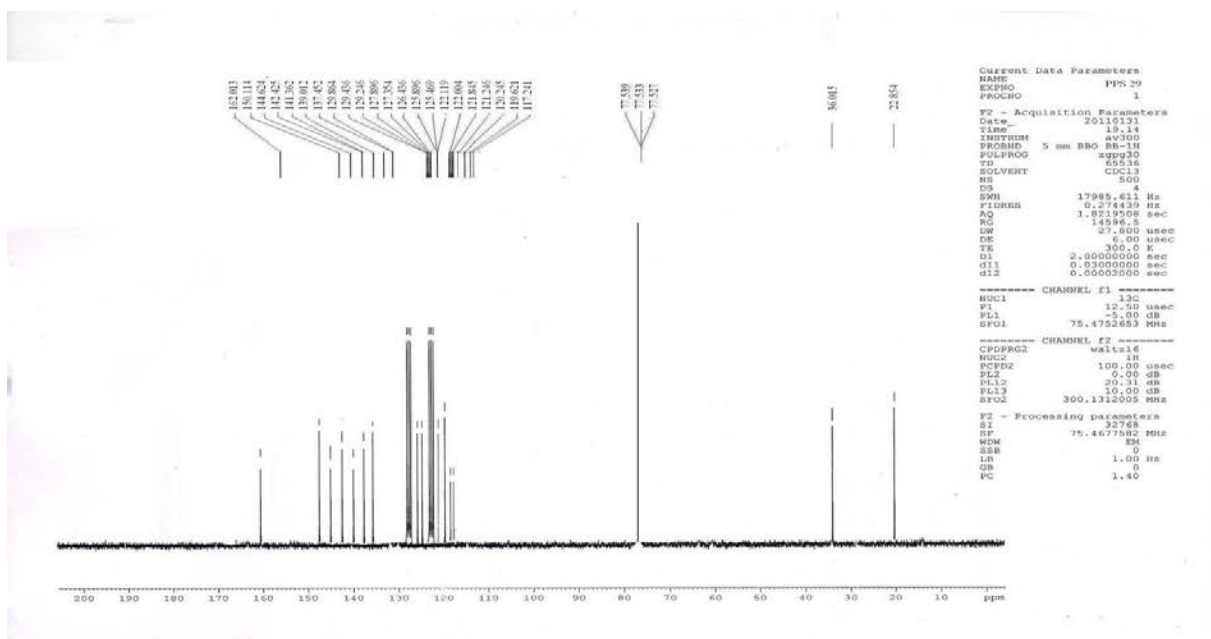
Mass spectrum of *N*-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11c)



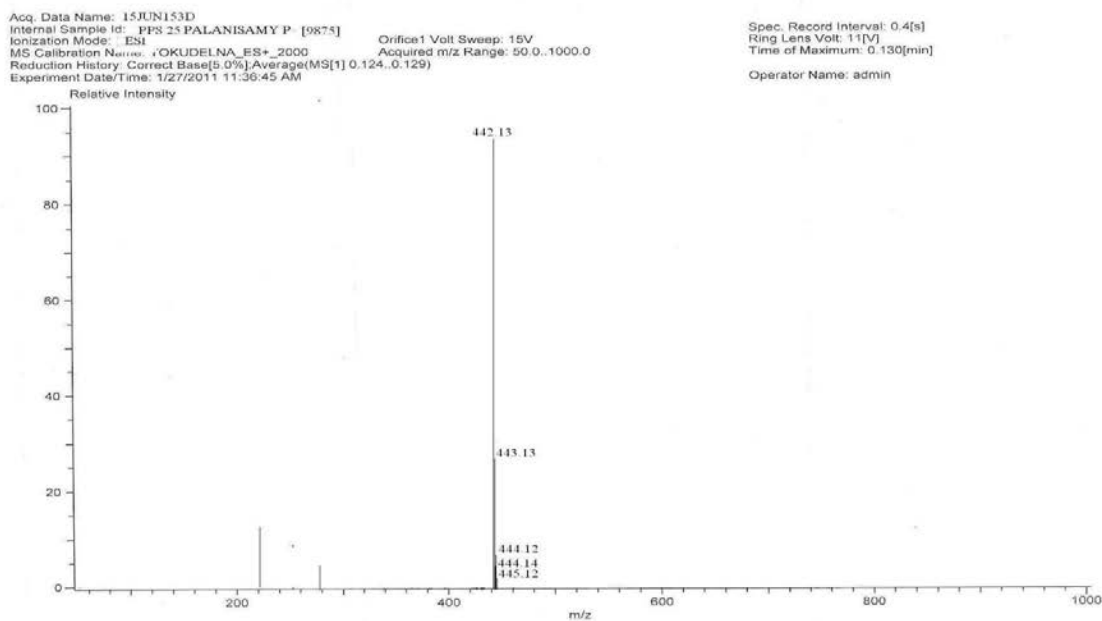
IR spectrum of *N*-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11d)



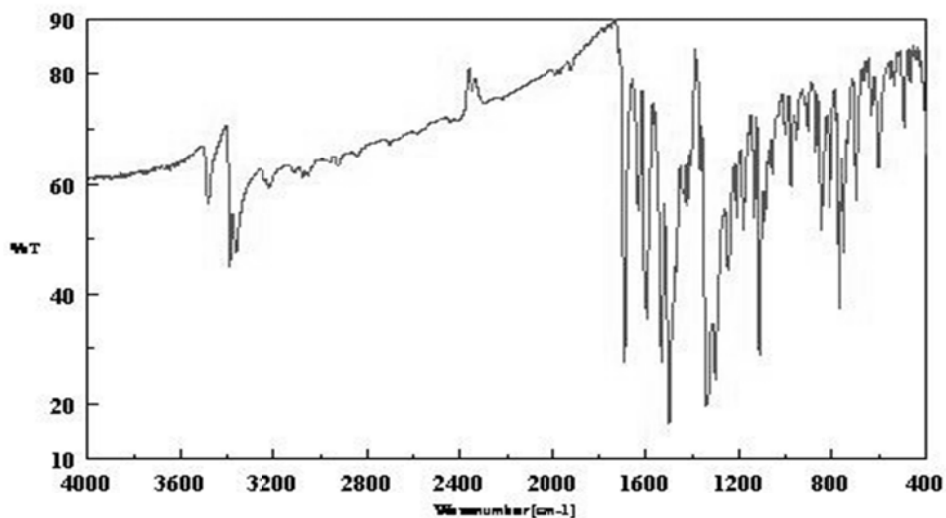
¹H-NMR spectrum of *N*-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11d)



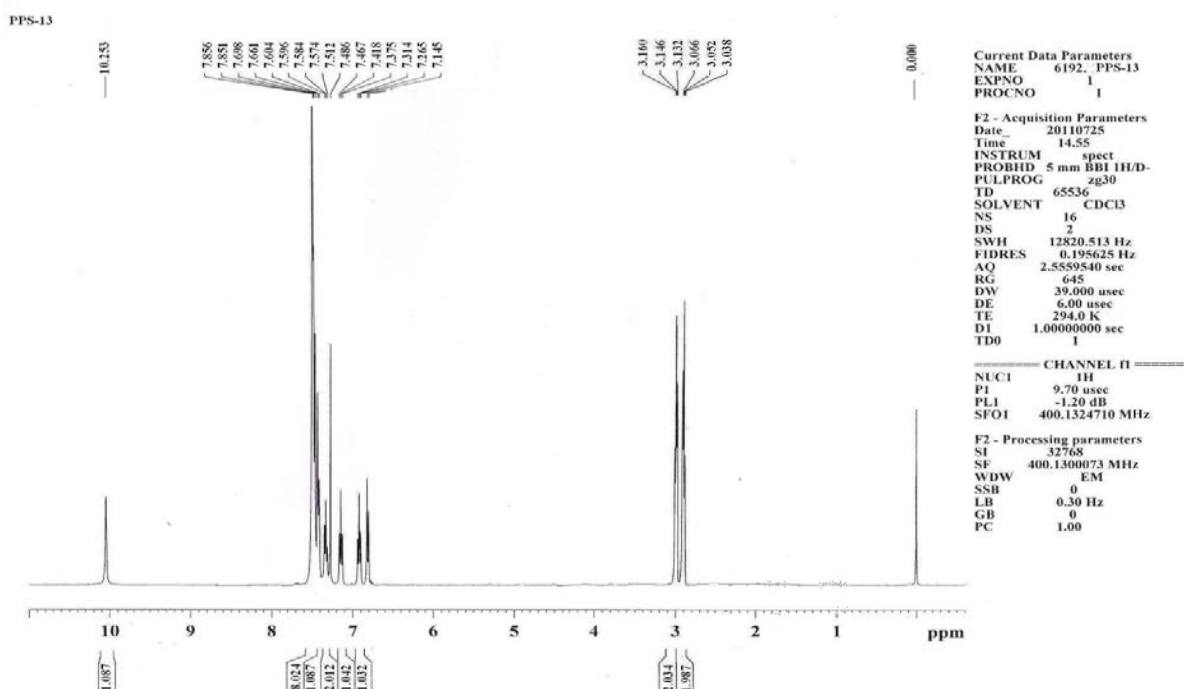
¹³C-NMR spectrum of *N*-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11d)



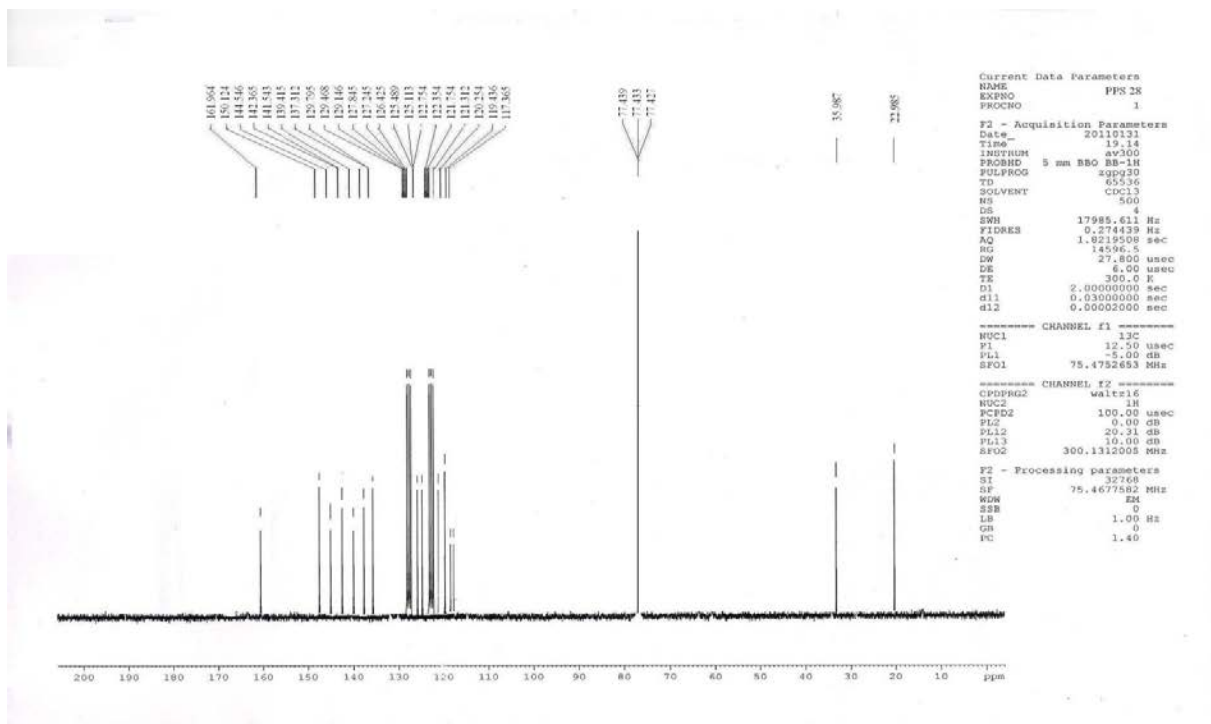
Mass spectrum of *N*-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11d)



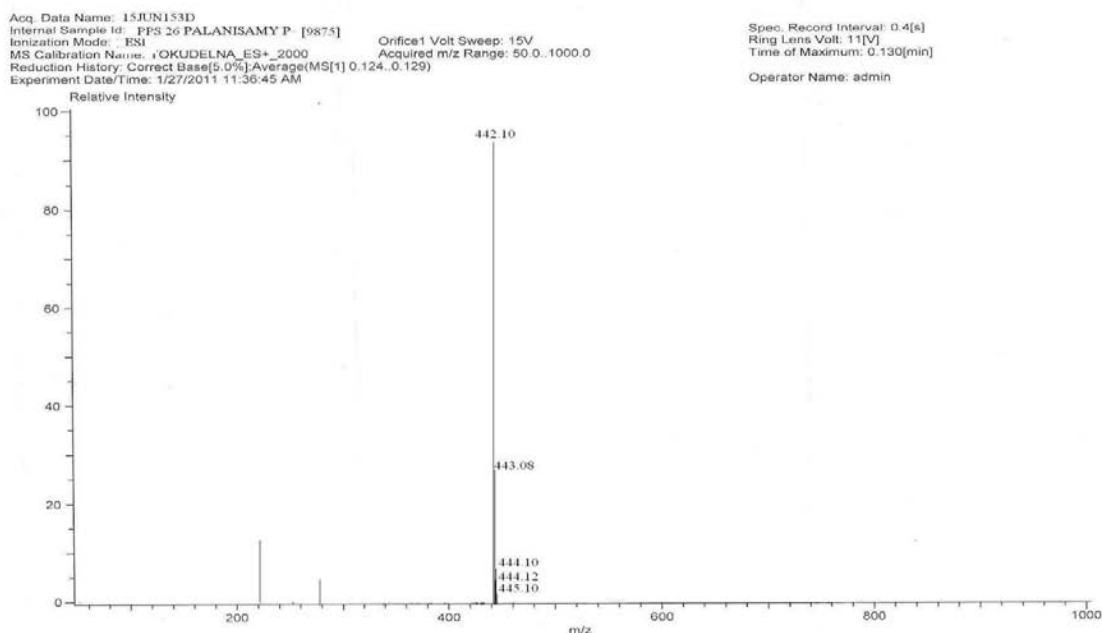
IR spectrum of *N*-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11e)



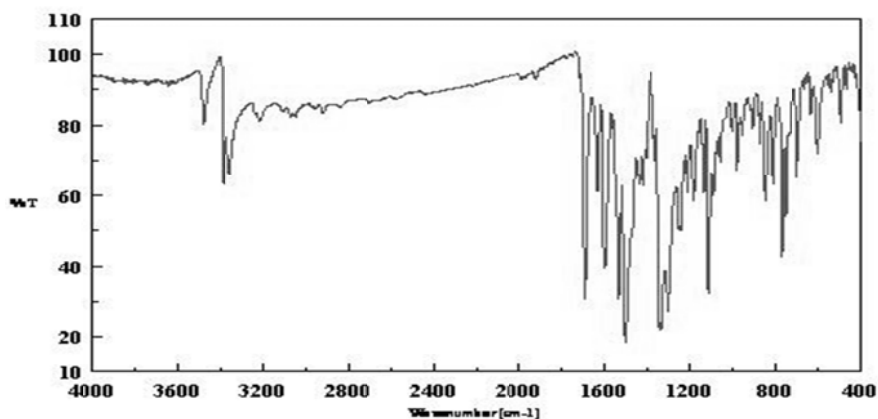
¹H-NMR spectrum of *N*-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11e)



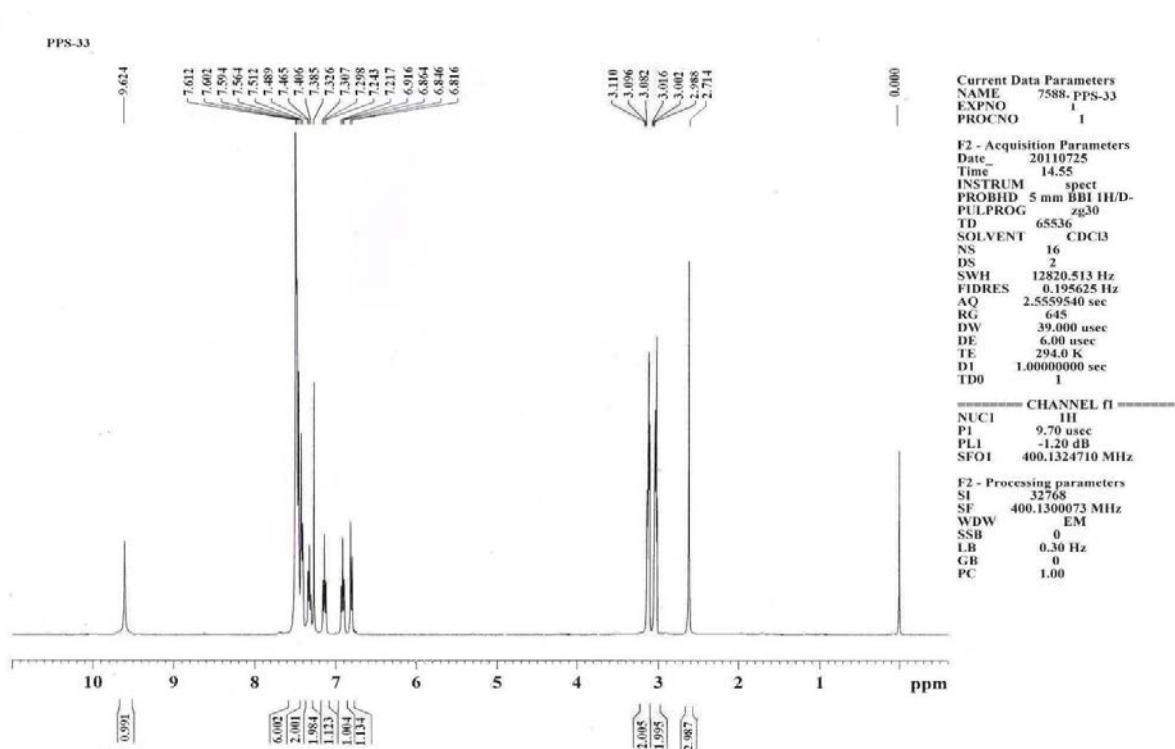
¹³C-NMR spectrum of *N*-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11e)



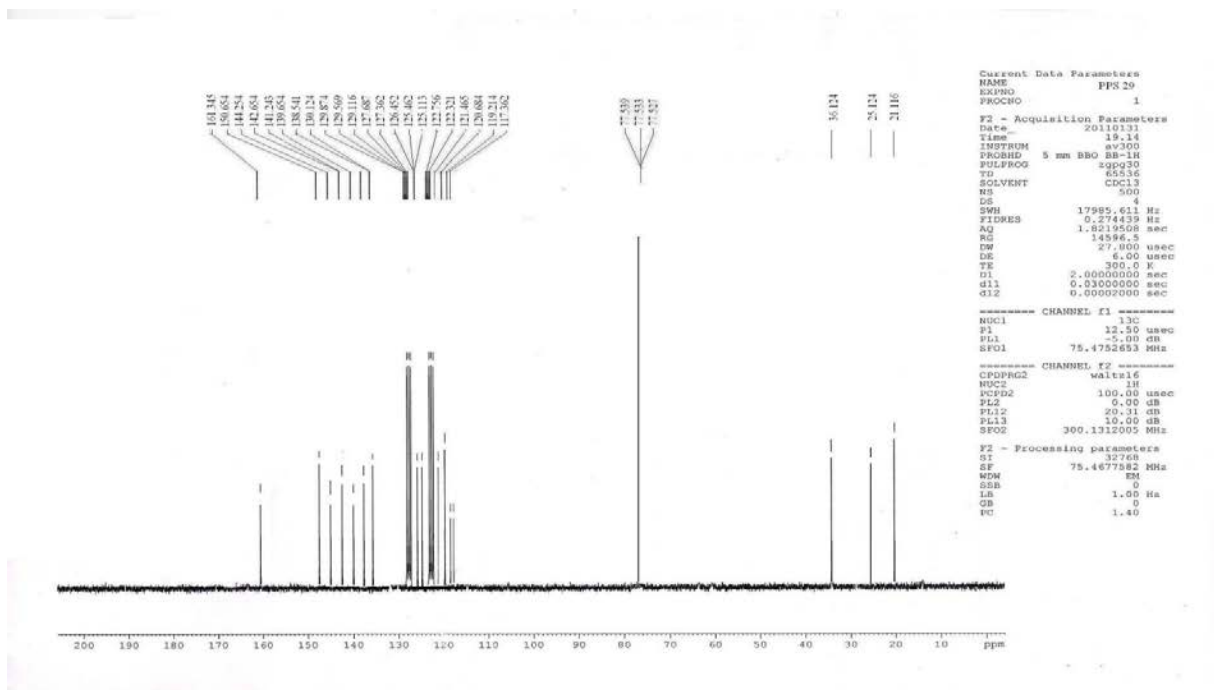
Mass spectrum of *N*-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11e)



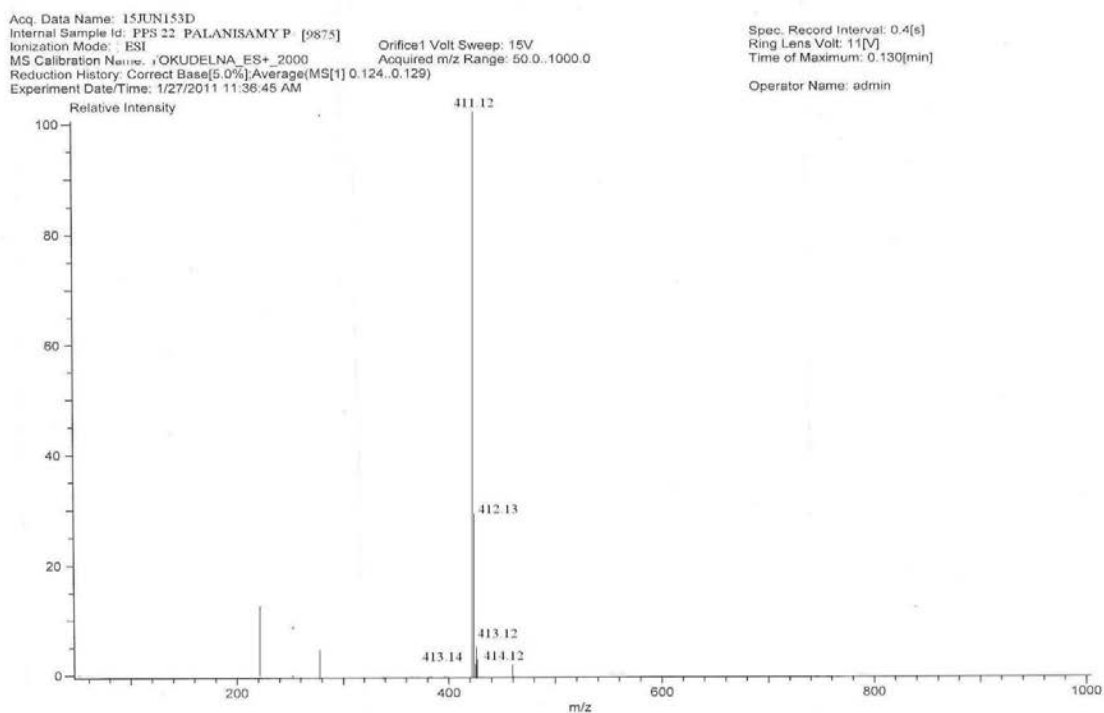
IR spectrum of 1-Phenyl-*N*-*m*-tolyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11f)



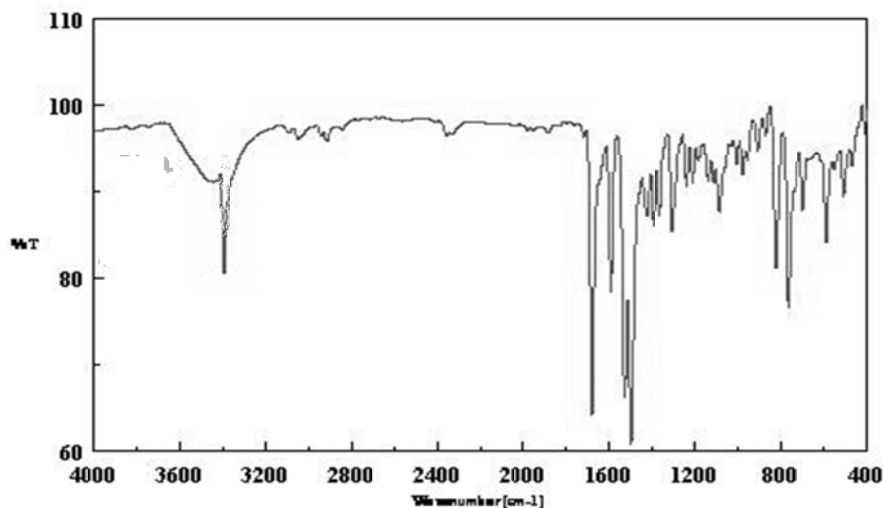
¹H-NMR spectrum of 1-Phenyl-*N*-*m*-tolyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11f)



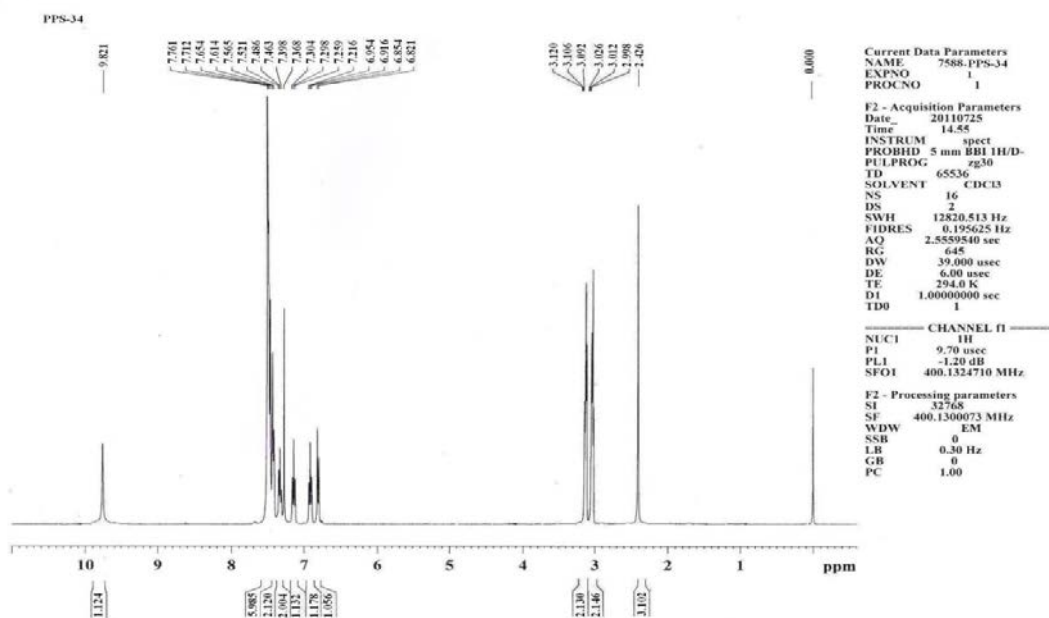
¹³C-NMR spectrum of 1-Phenyl-N-m-tolyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide (11f)



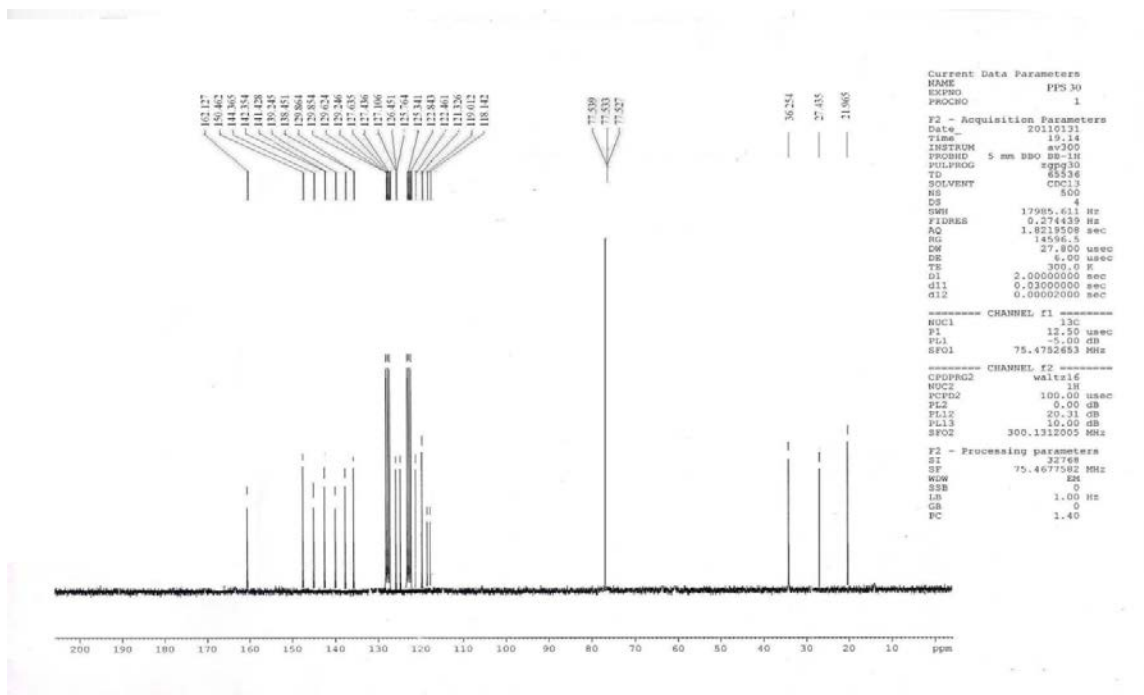
Mass spectrum of 1-Phenyl-*N*-*m*-tolyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11f)



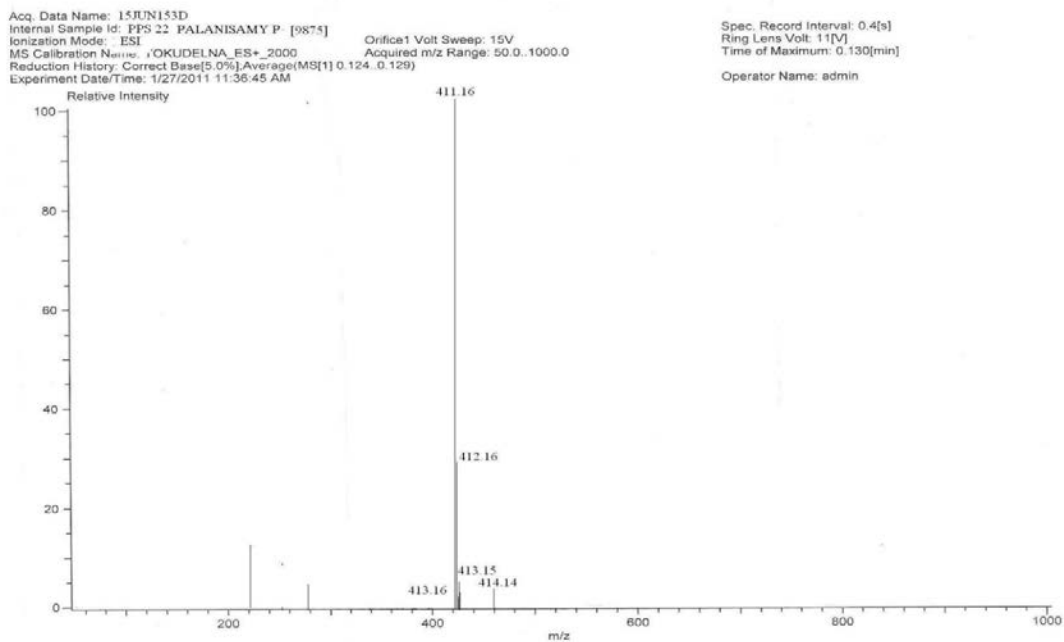
IR spectrum of 1-Phenyl-*N*-*p*-tolyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11g)



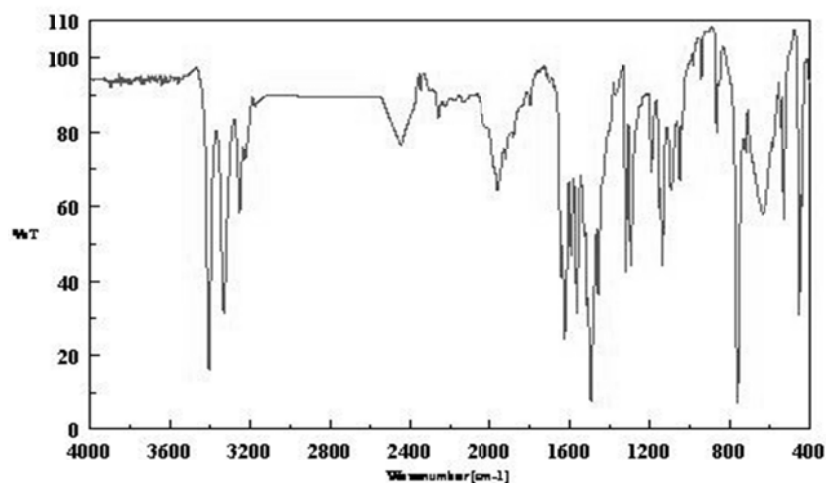
¹H-NMR spectrum of 1-Phenyl-*N*-*p*-tolyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11g)



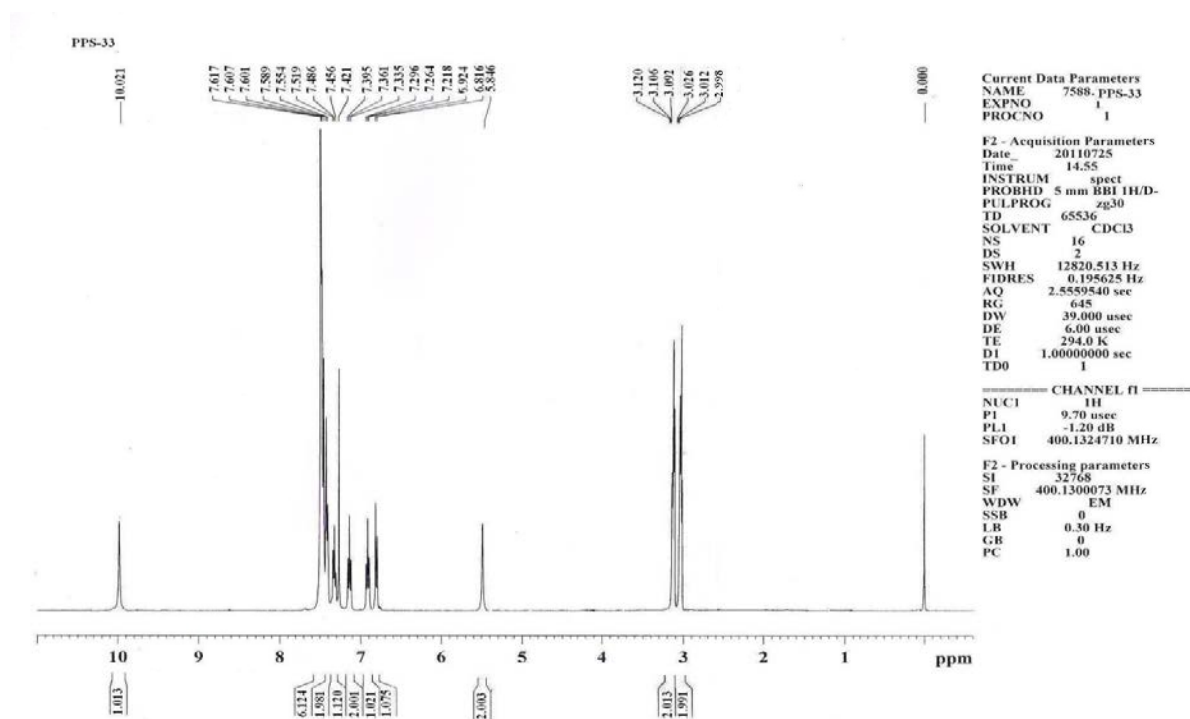
¹³C-NMR spectrum of 1-Phenyl-*N*-*p*-tolyl-14,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11g)



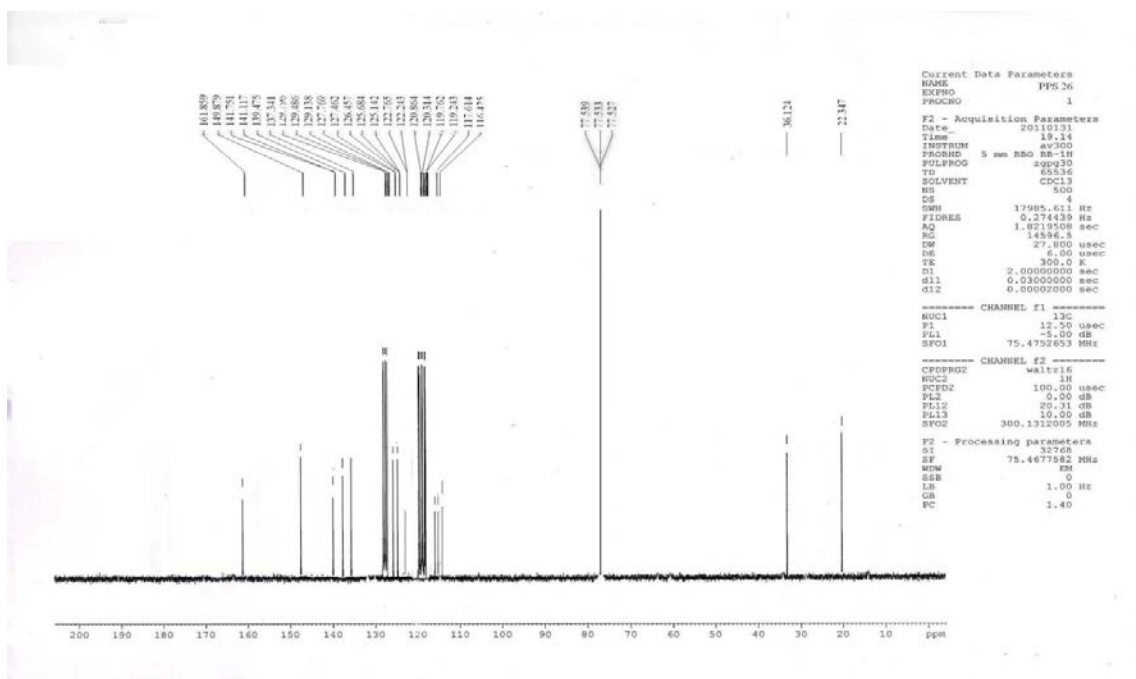
Mass spectrum of 1-Phenyl-*N*-*p*-tolyl-14,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11g)



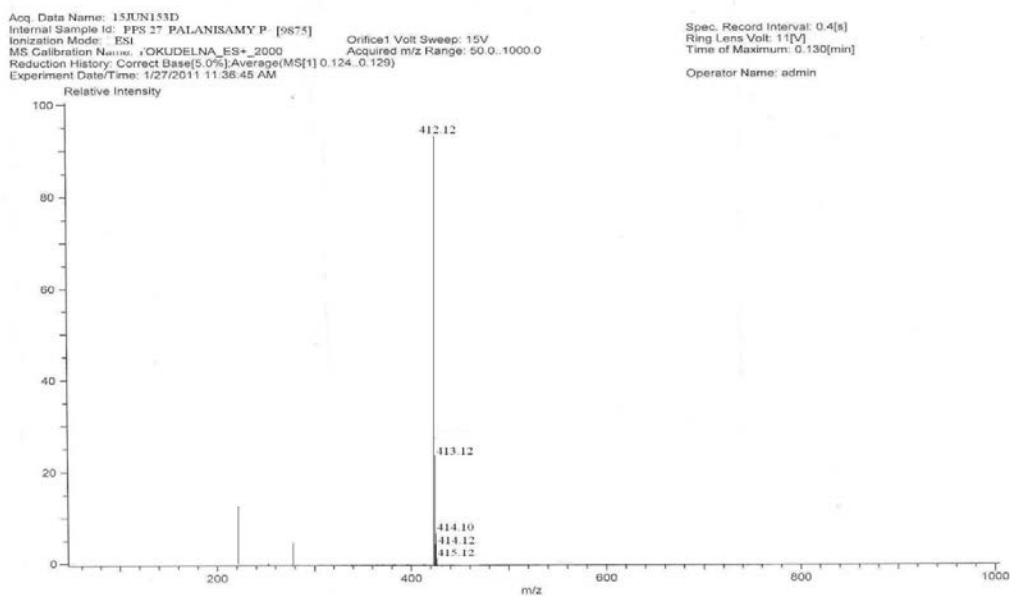
IR spectrum of *N*-(2-Aminophenyl)-1-phenyl-1,4-dihydrothiopheno[4,3-*c*]pyrazole-3-carboxamide (11h)



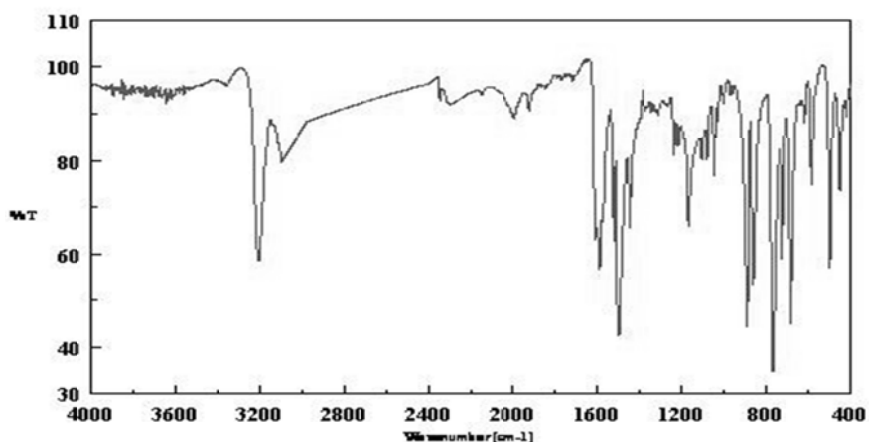
¹H-NMR spectrum of *N*-(2-aminophenyl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11h)



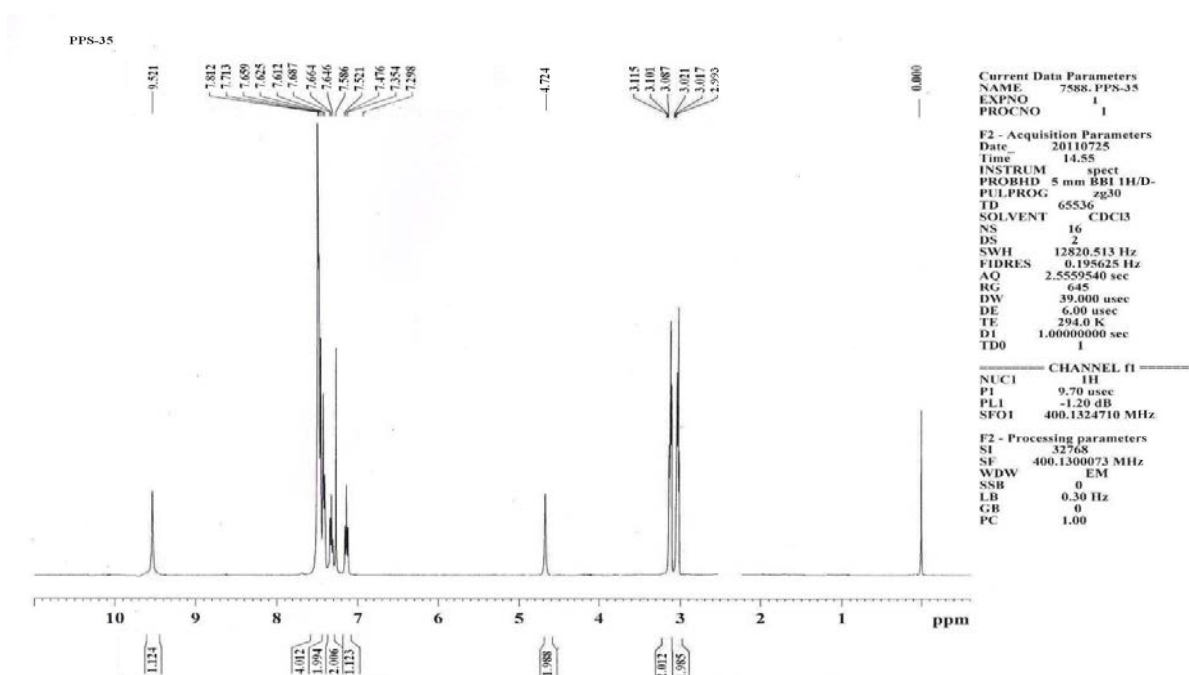
**¹³C-NMR spectrum of *N*-(2-aminophenyl)-1-phenyl-4,5-dihydro-1*H*-
[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11h)**



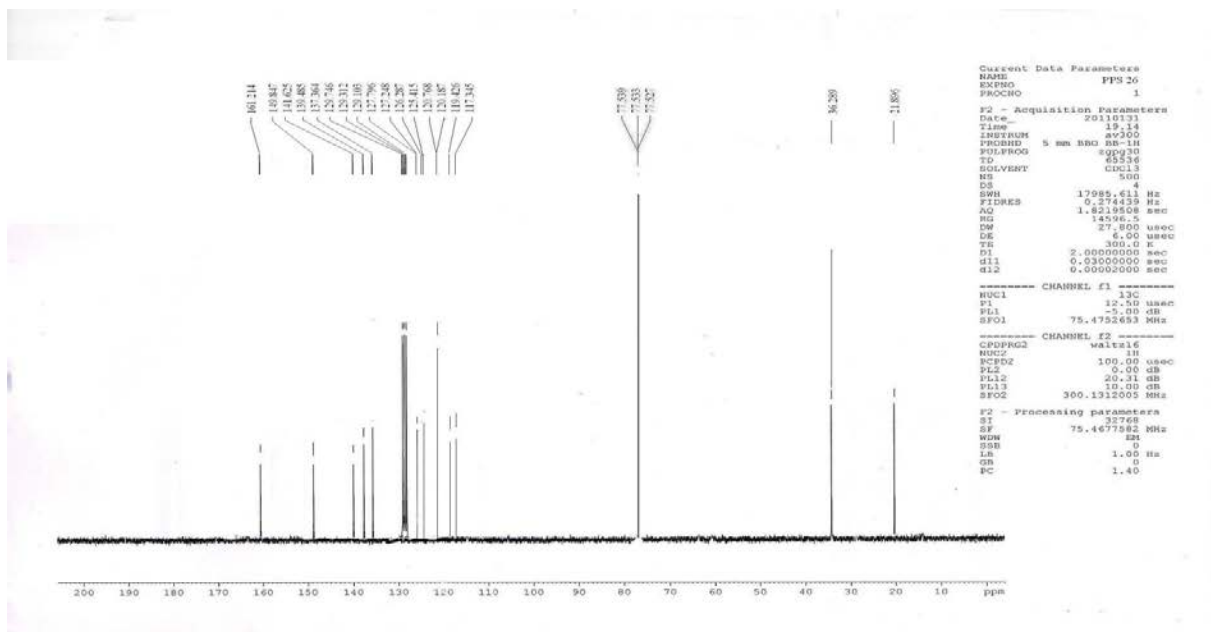
**Mass spectrum of *N*-(2-aminophenyl)-1-phenyl-4,5-dihydro-1*H*-
[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11h)**



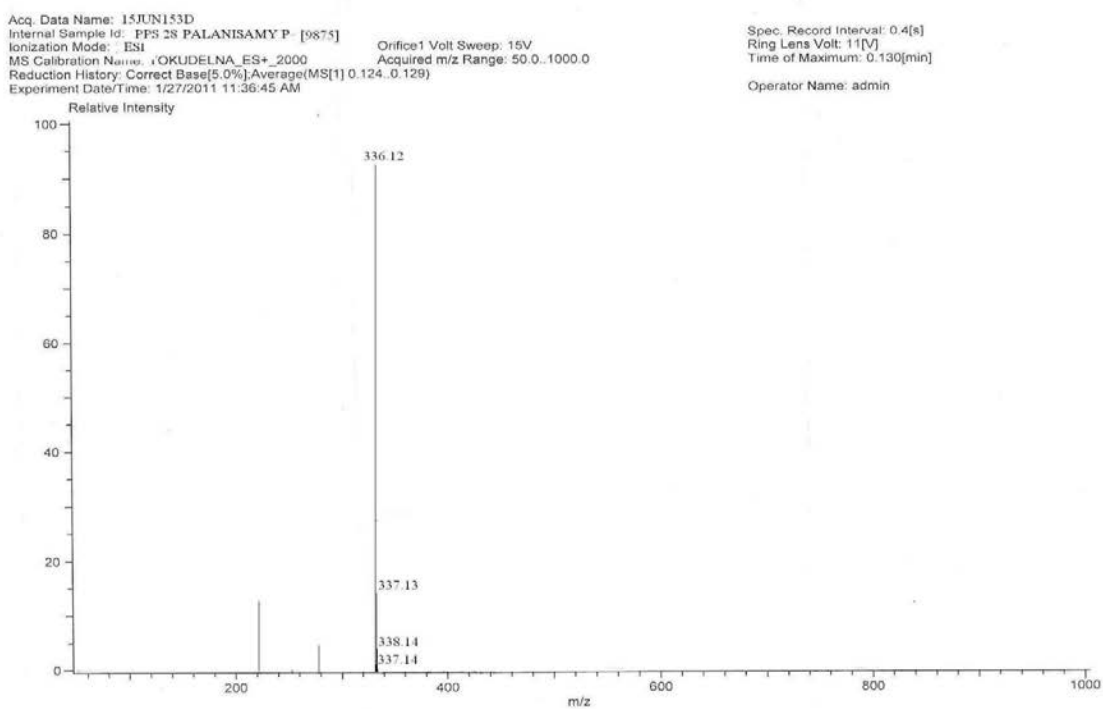
IR spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11i)



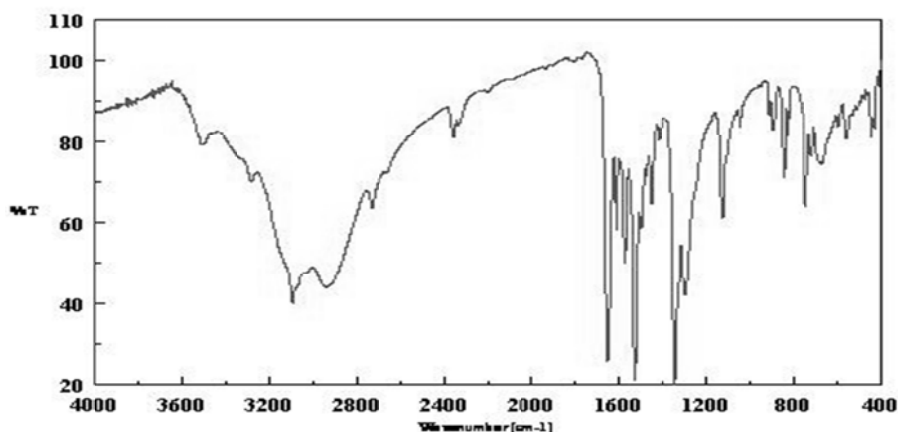
¹H-NMR spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11i)



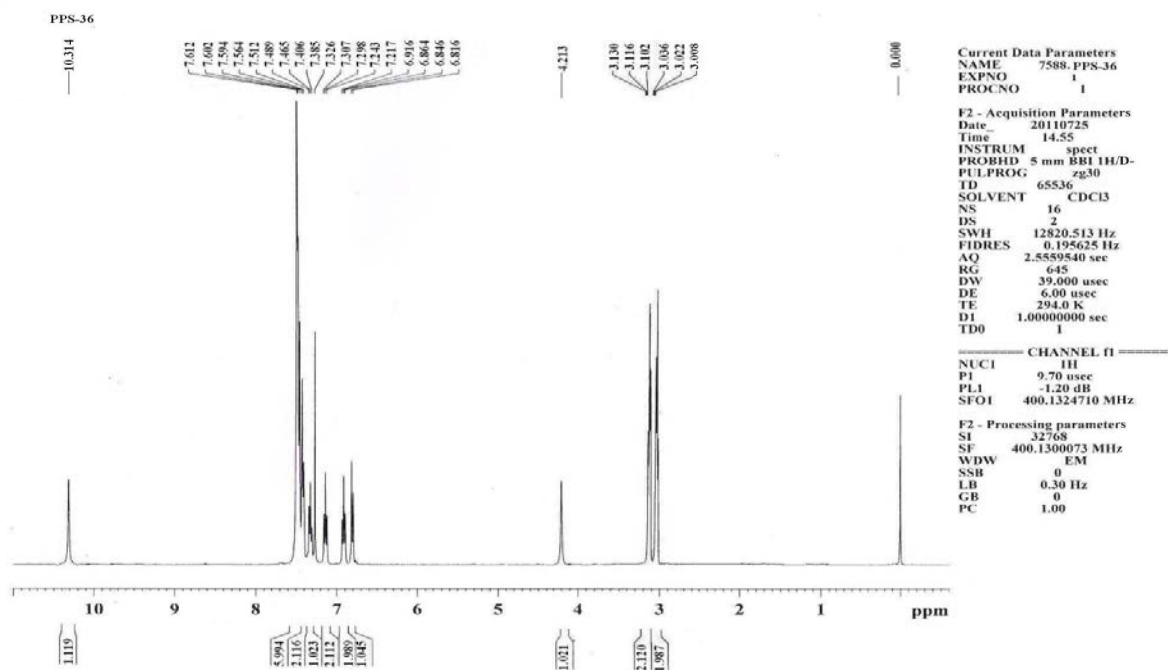
¹³C-NMR spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11i)



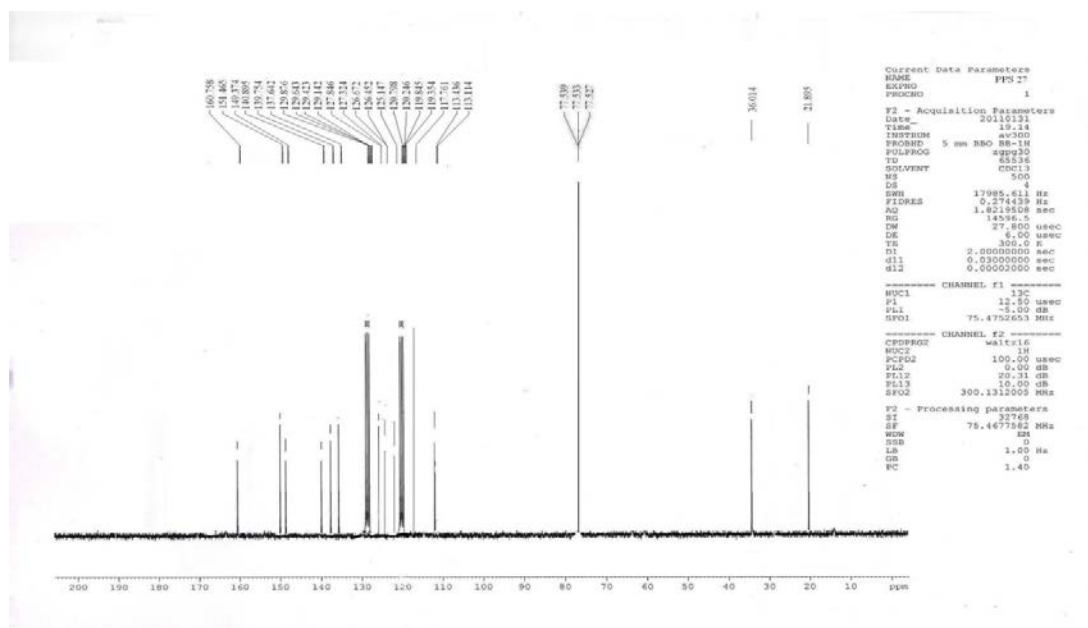
Mass spectrum of 1-Phenyl-1,4-dihydrothiochromeno[4,3-*c*]pyrazole-3-carbohydrazide (11i)



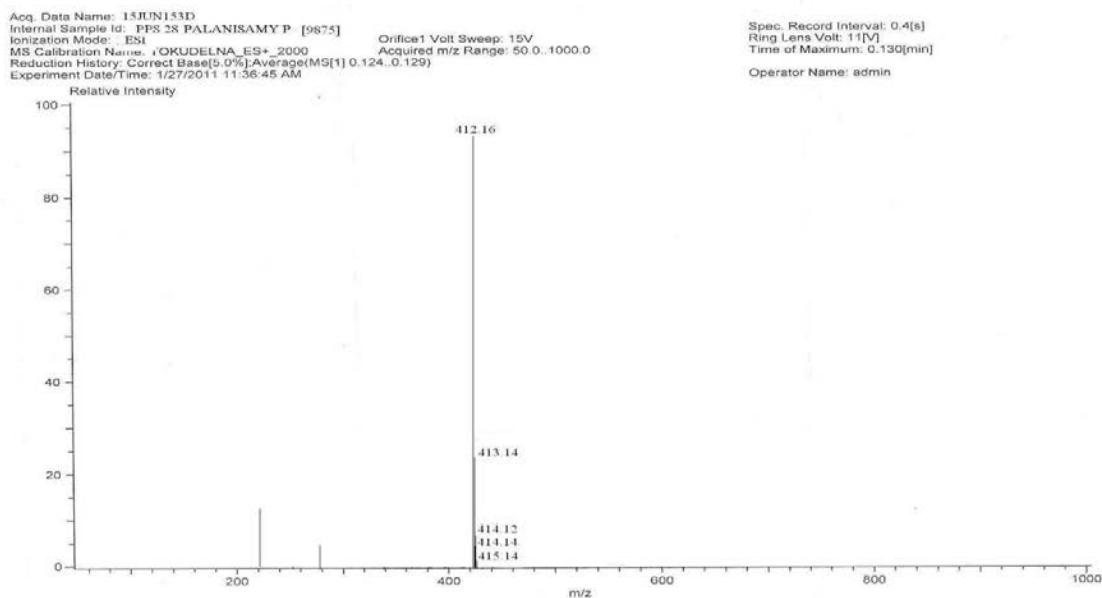
IR spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11j)



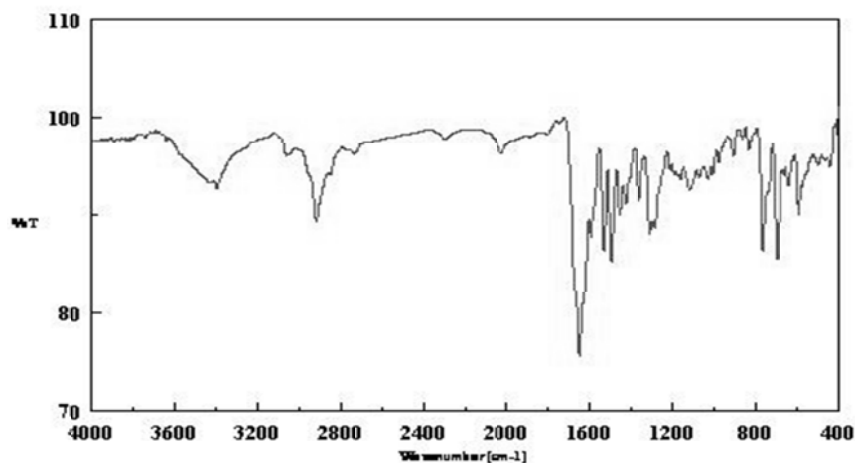
¹H-NMR spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11j)



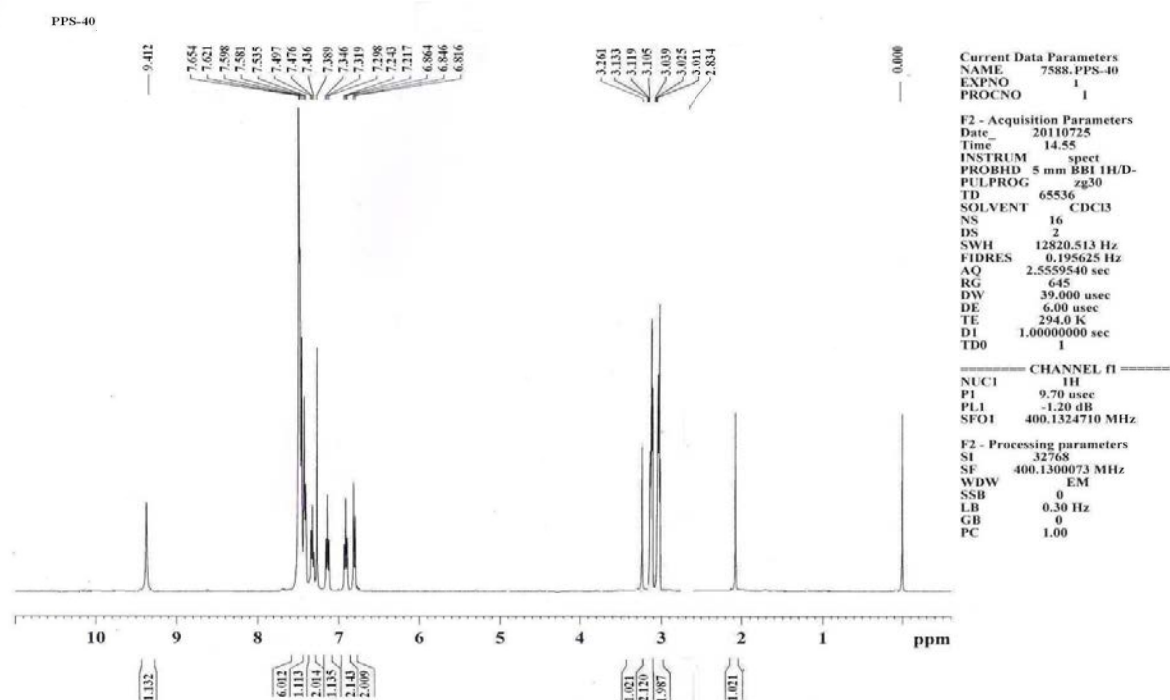
¹³C-NMR spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11j)



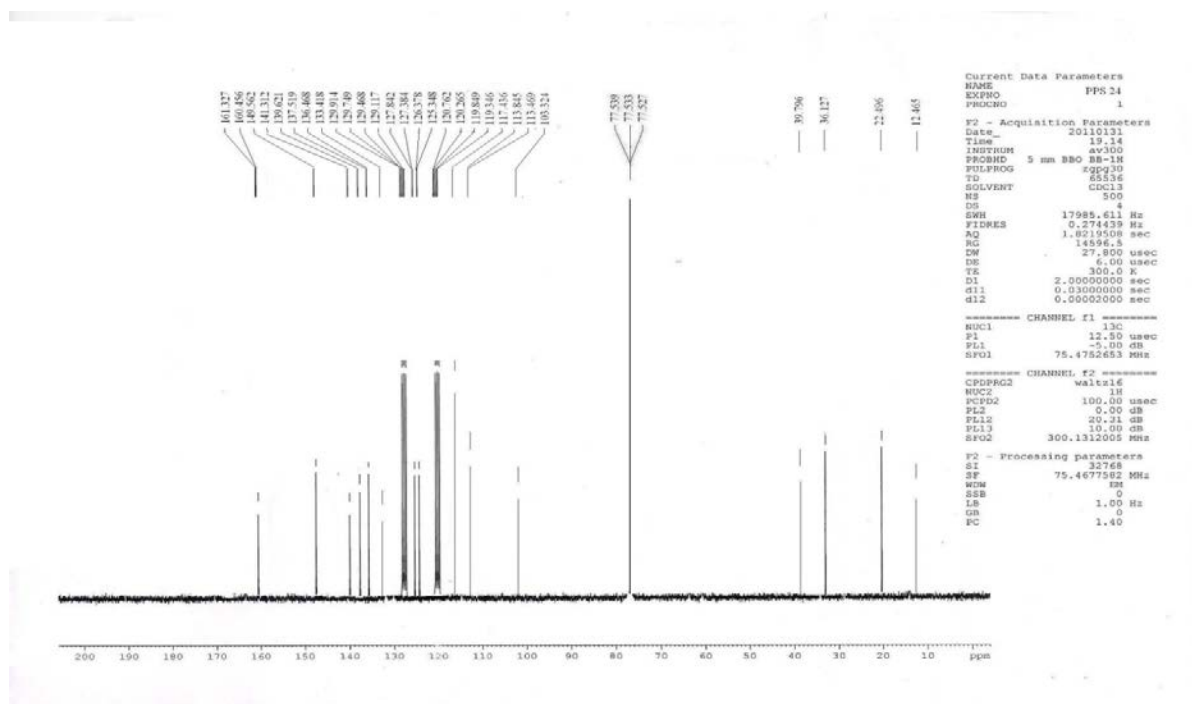
Mass spectrum of *N'*,1-diphenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carbohydrazide (11j)



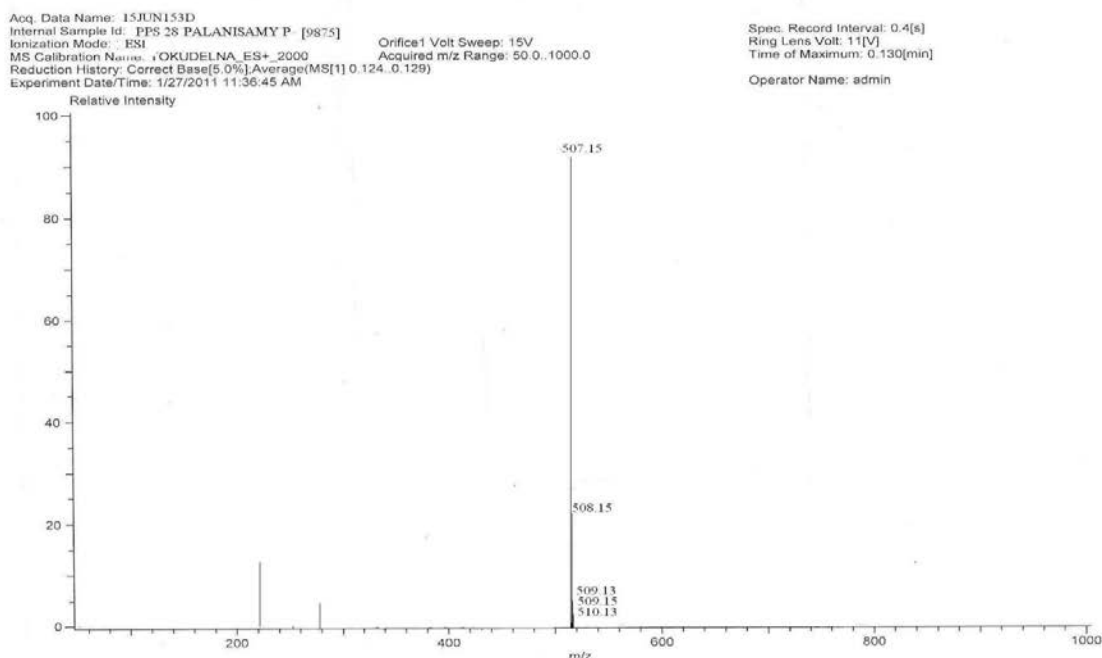
IR spectrum of *N*-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide (11k)



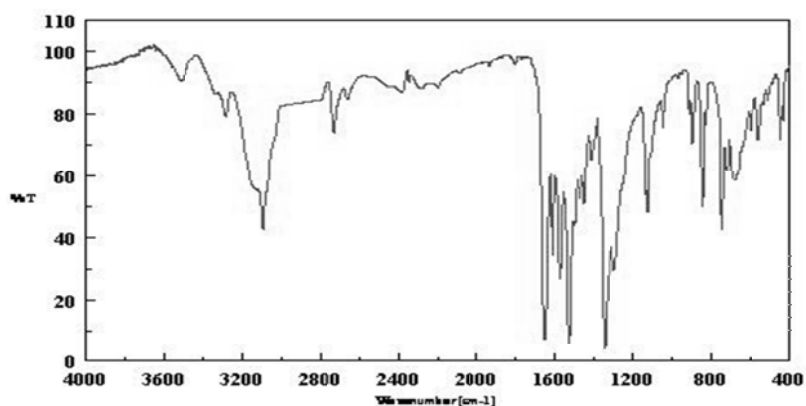
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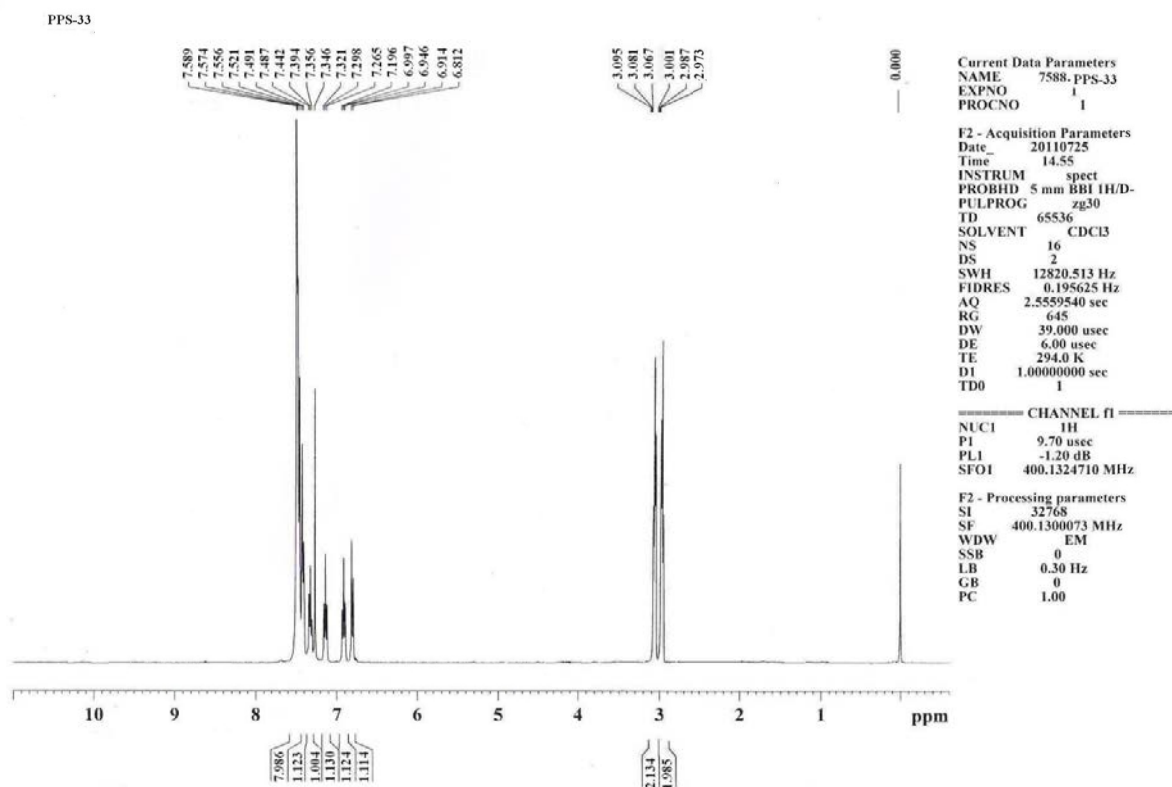
¹³C-NMR spectrum of *N*-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11k)



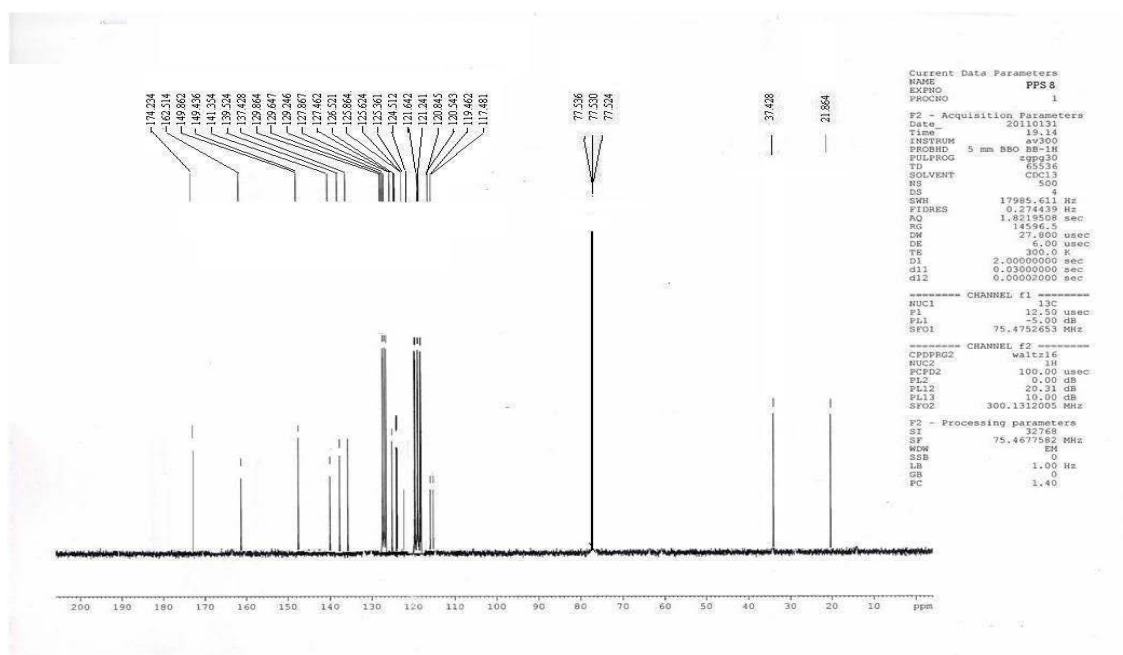
Mass spectrum of *N*-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11k)



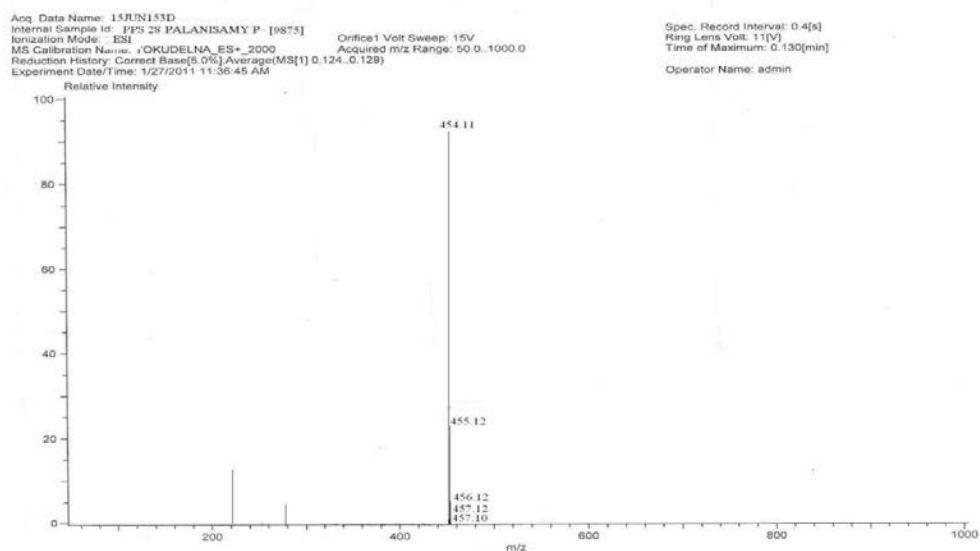
IR spectrum of *N*-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1*H*-
[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11)



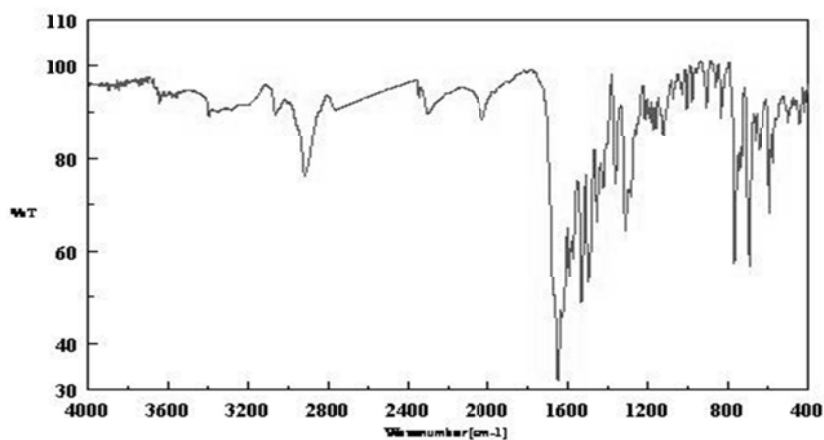
¹H-NMR spectrum of *N*-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1*H*-
[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11)



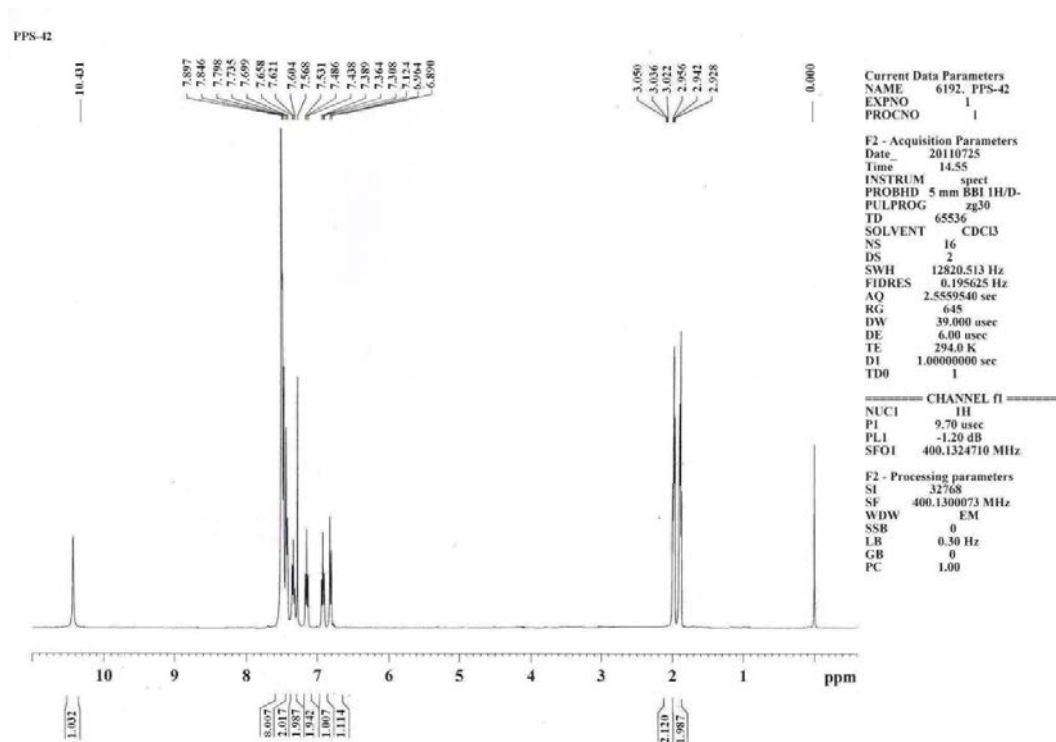
¹³C-NMR spectrum of *N*-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11)



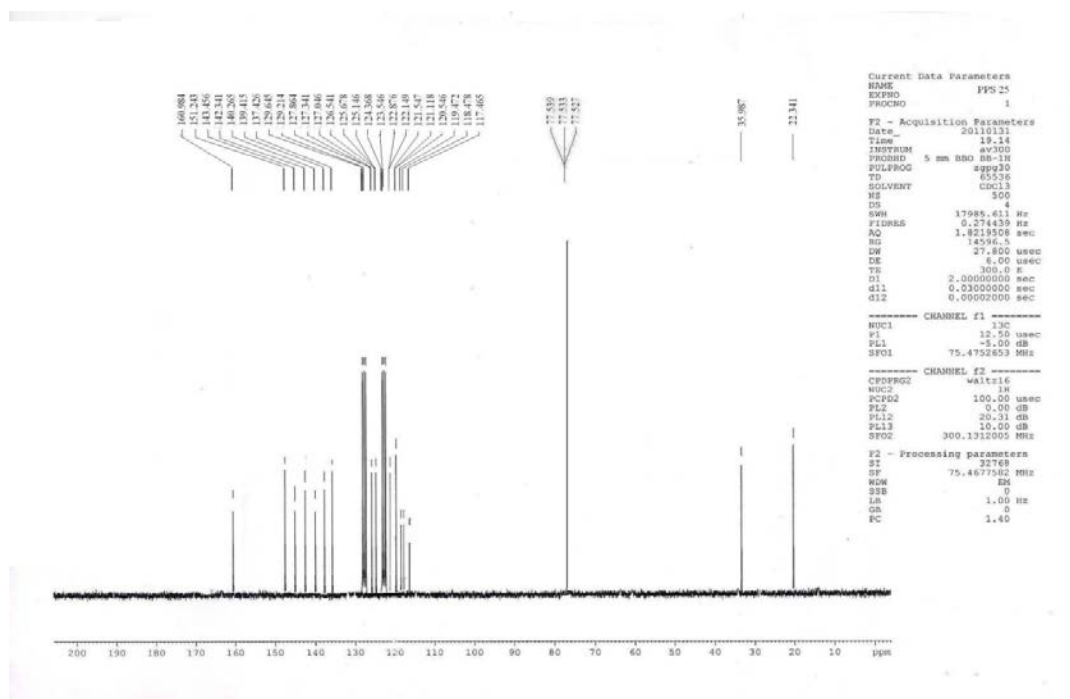
Mass spectrum of *N*-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11)



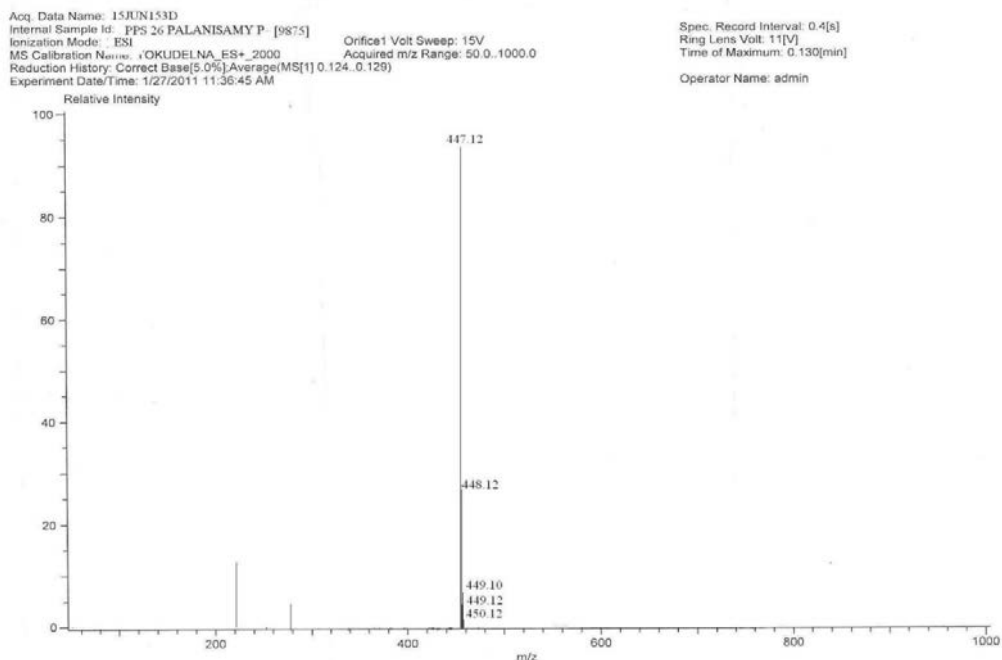
IR spectrum of *N*-(Naphthalen-1-yl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11m)



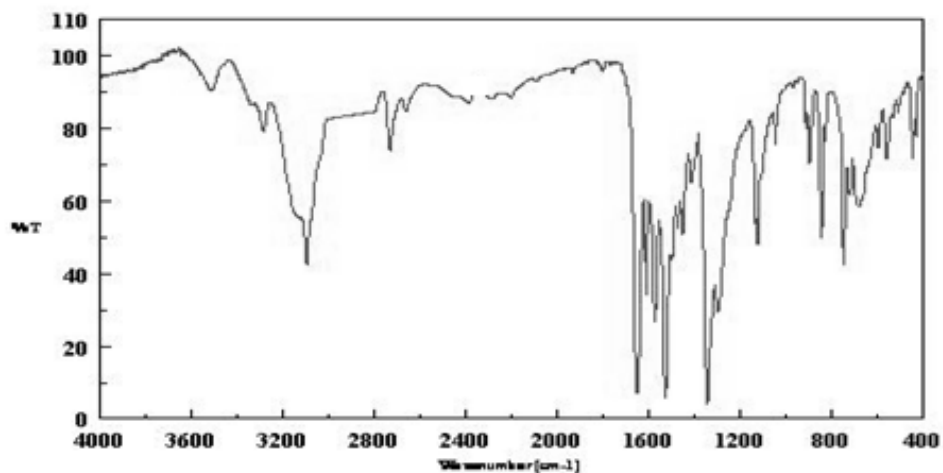
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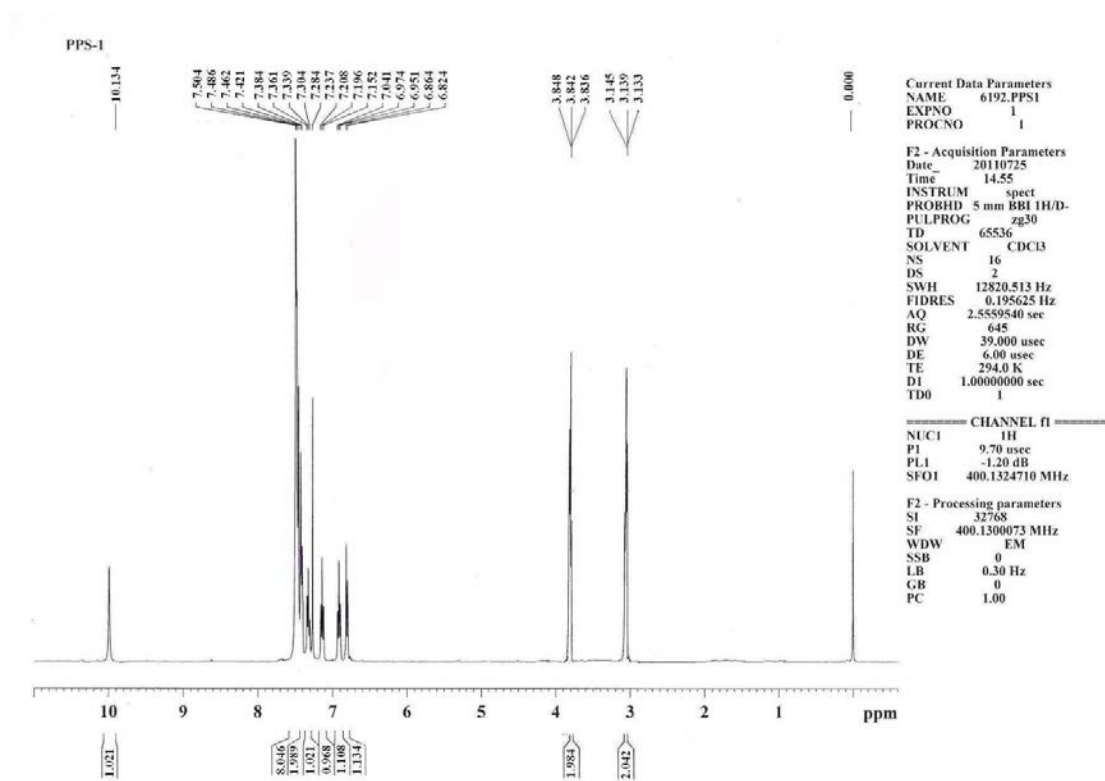
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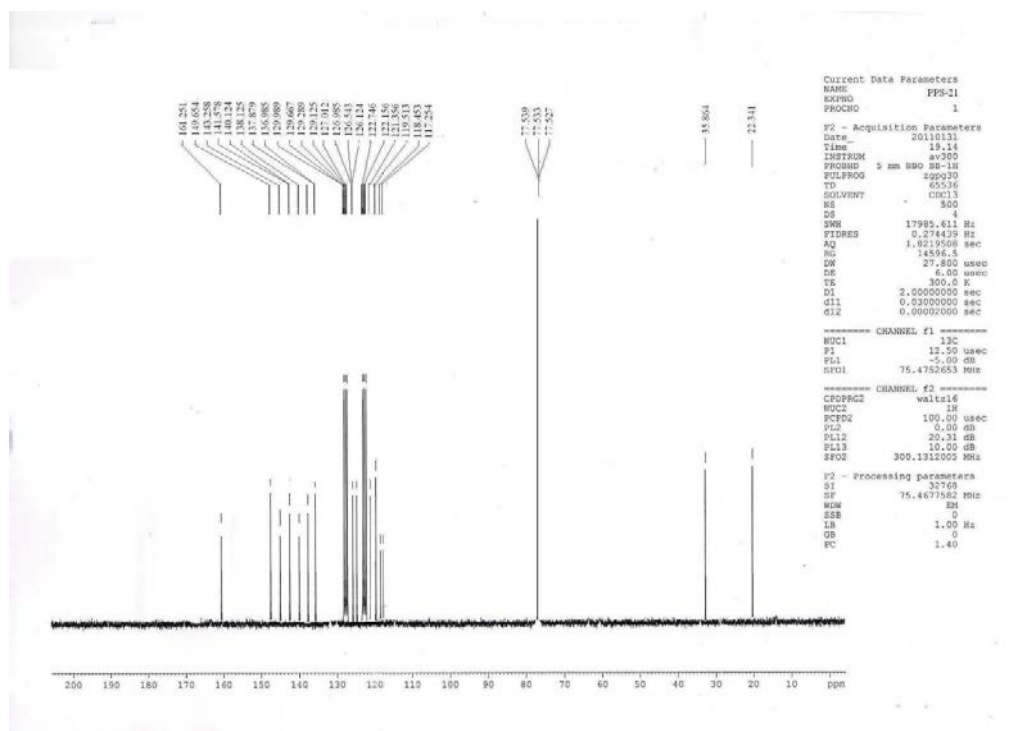
Mass spectrum of *N*-(Naphthalen-1-yl)-1-phenyl-4,5-dihydro-1*H*-[1]benzothiepine[5,4-*c*]pyrazole-3-carboxamide (11m)



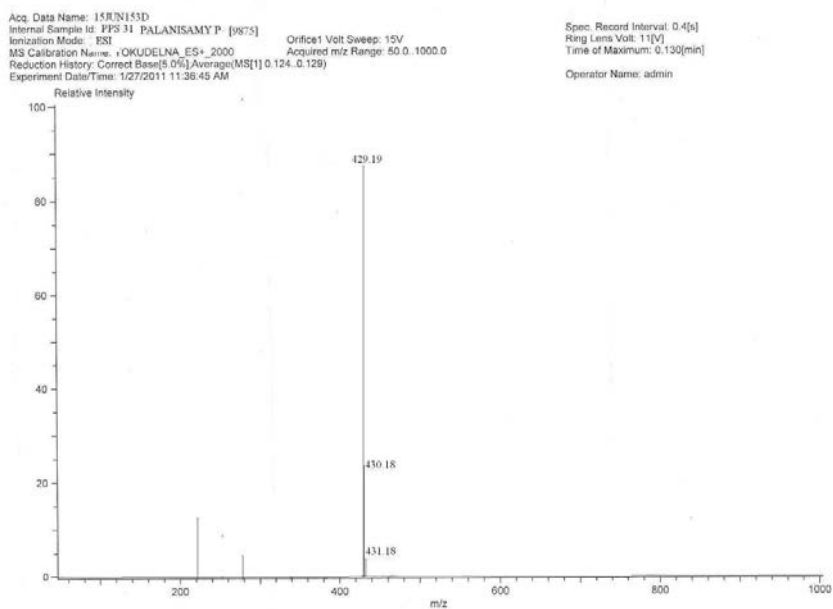
IR spectrum of N,1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12a)



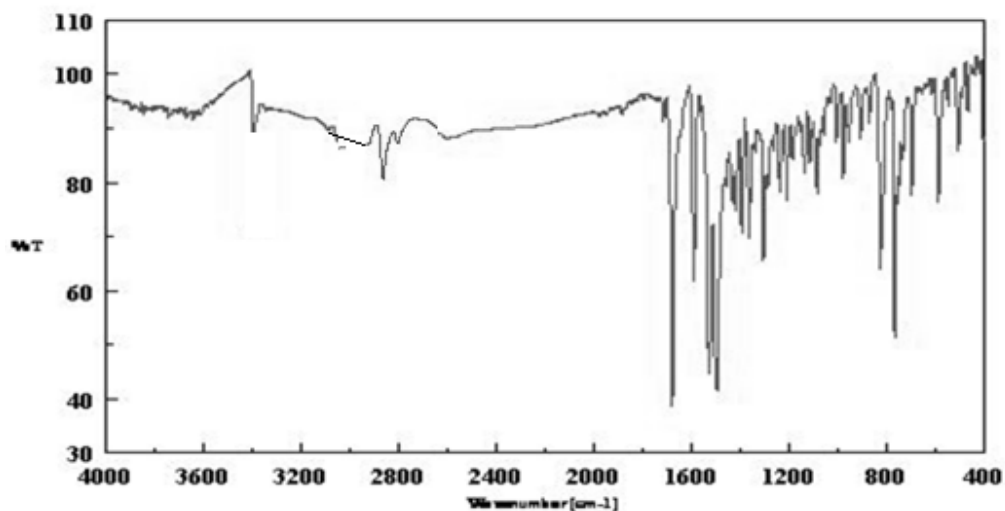
¹H-NMR spectrum of N,1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12a)



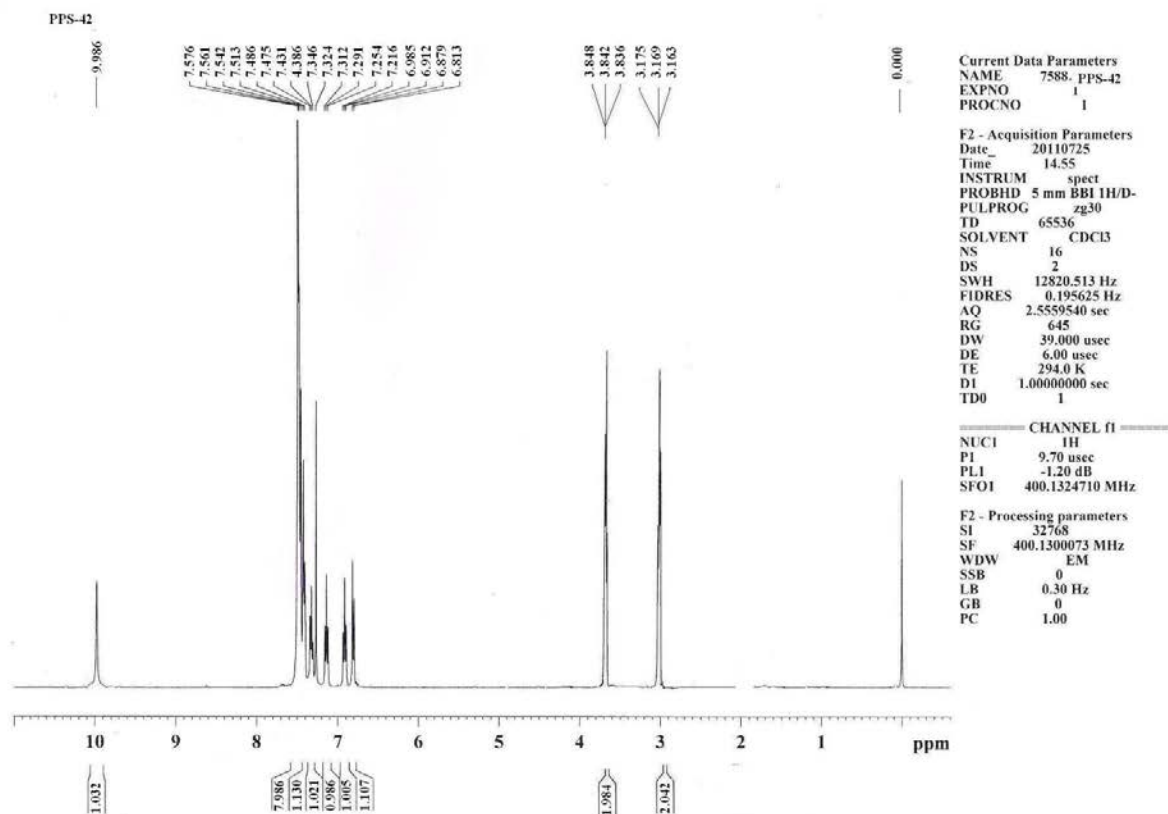
^{13}C -NMR spectrum of N,1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12a)



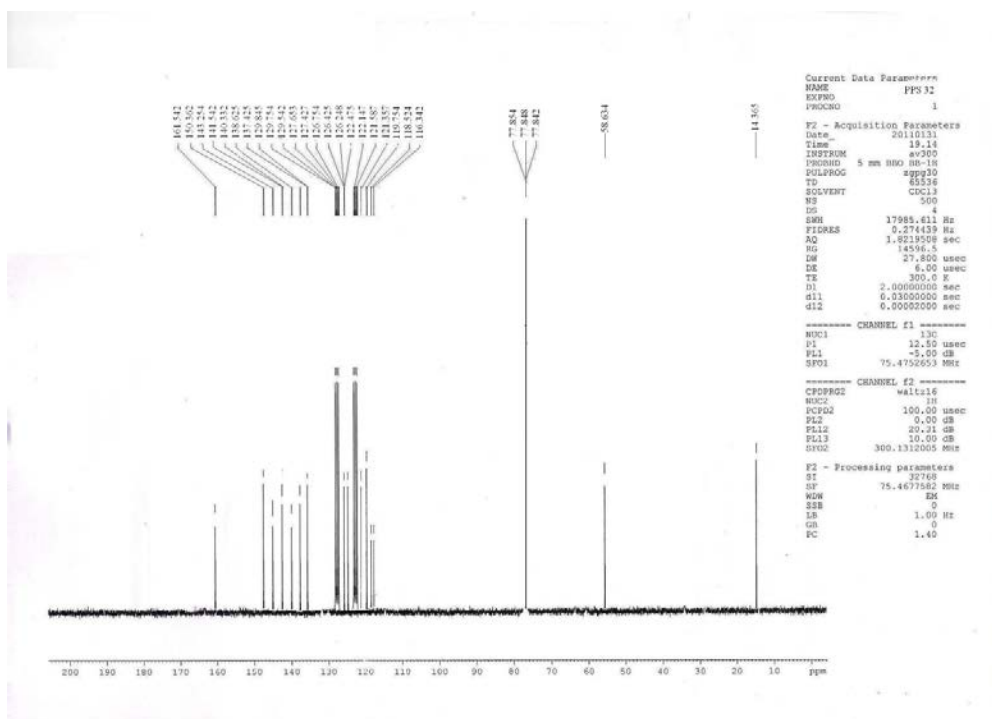
Mass spectrum of N,1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12a)



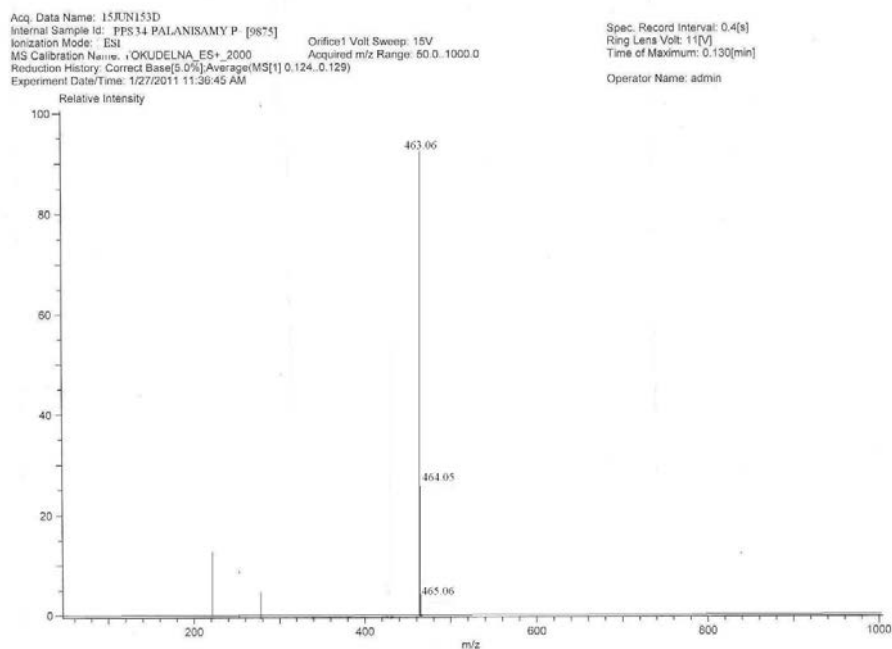
IR spectrum of N-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12b)



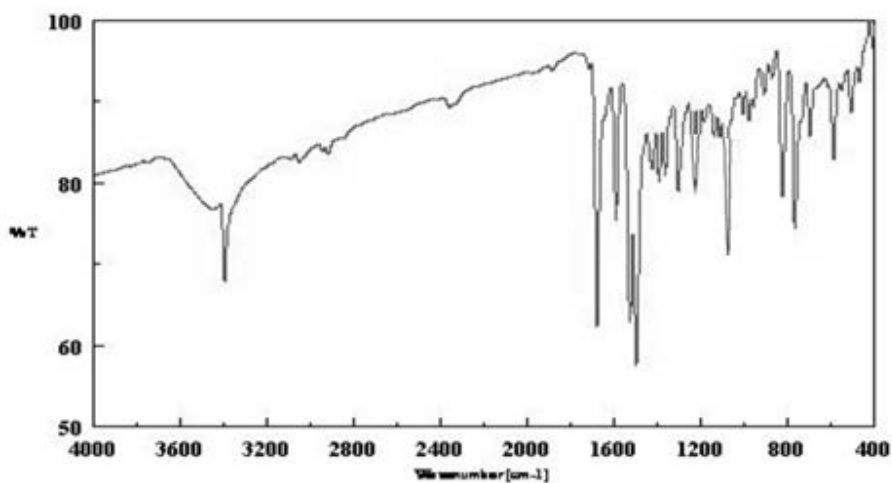
¹H-NMR spectrum of N-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12b)



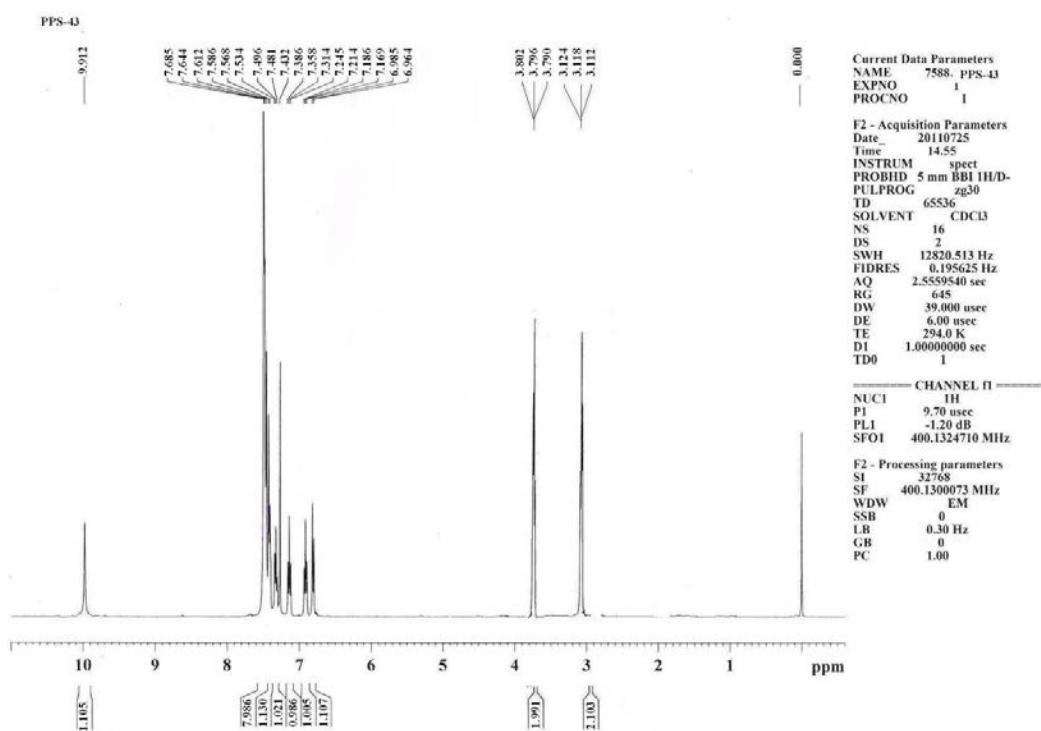
¹³C-NMR spectrum of N-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12b)



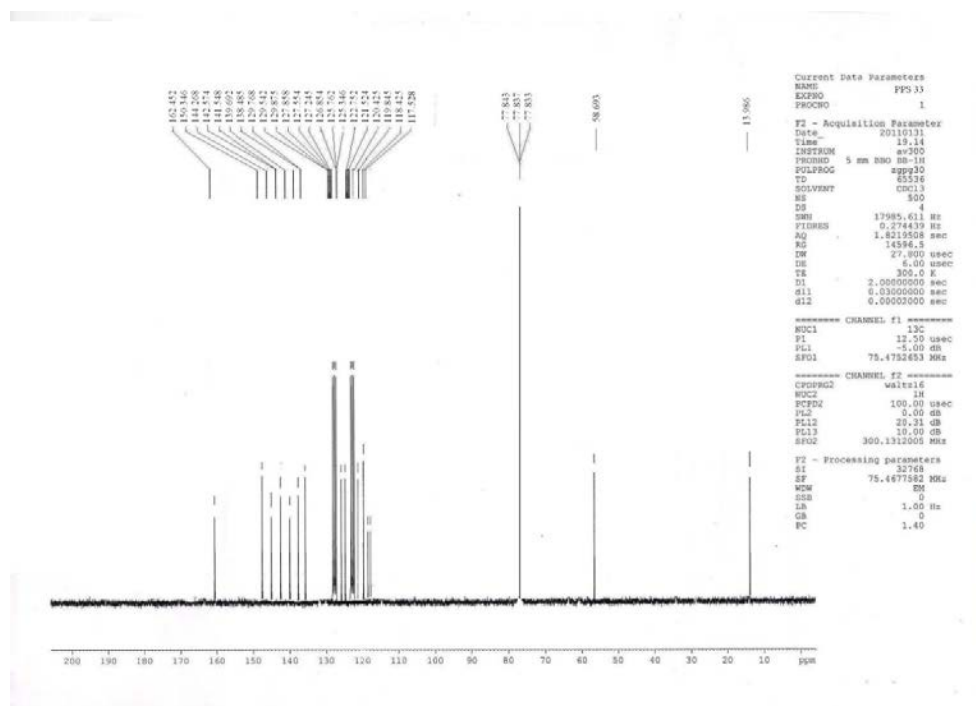
Mass spectrum of N-(3-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12b)



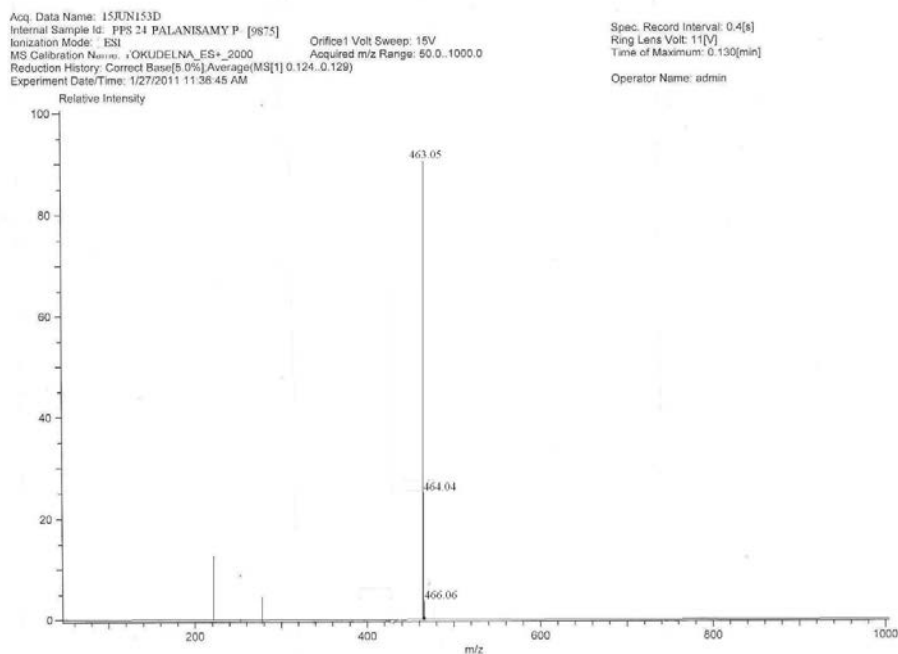
IR spectrum of N-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12c)



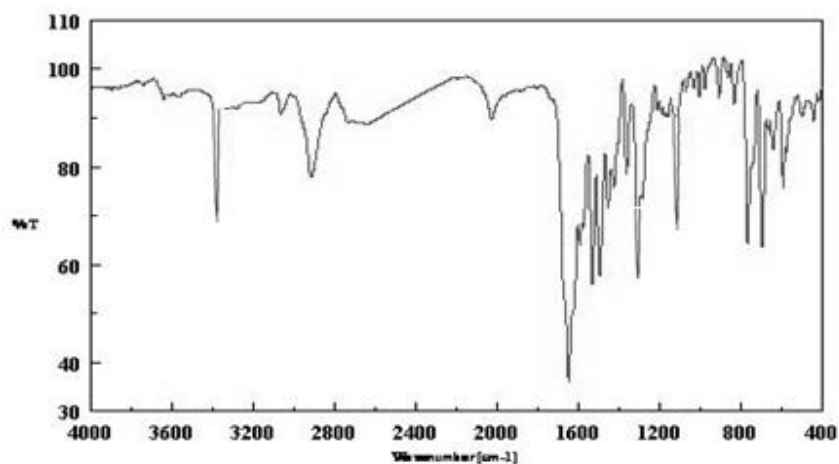
¹H-NMR spectrum of N-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12c)



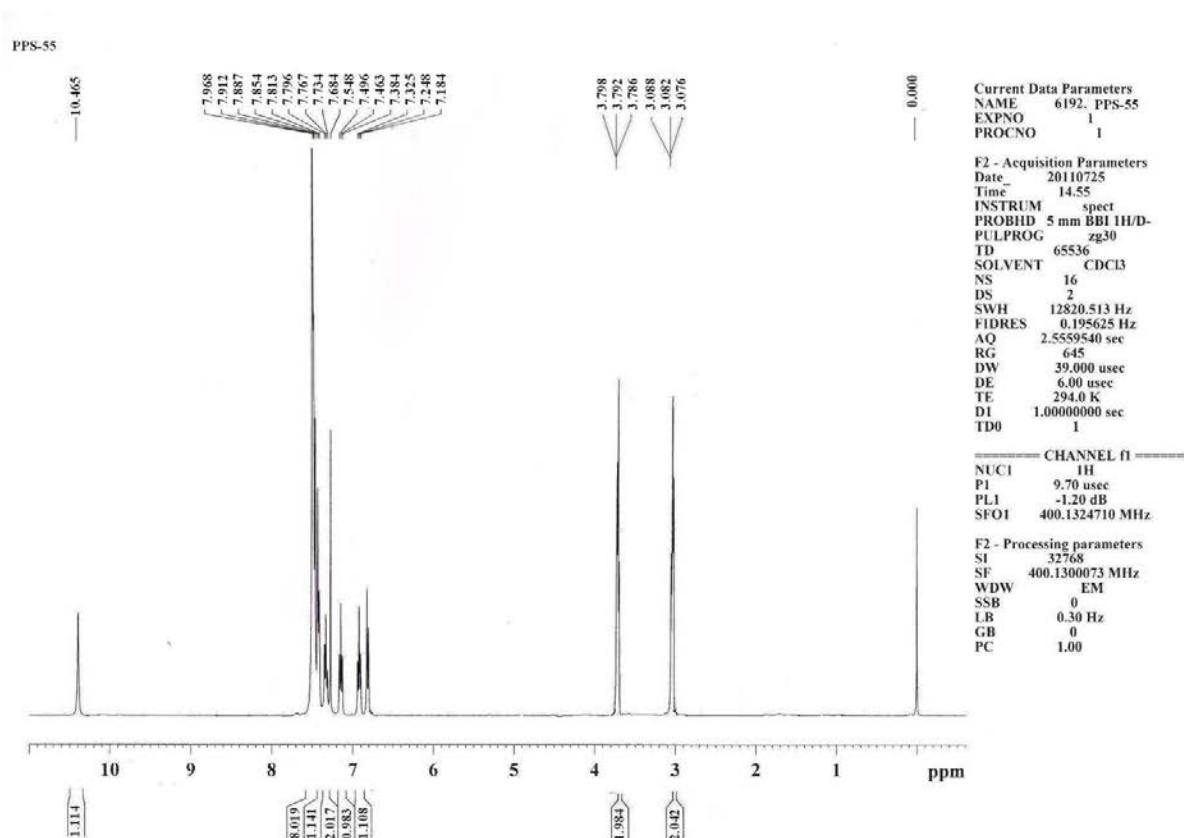
¹³C-NMR spectrum of N-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12c)



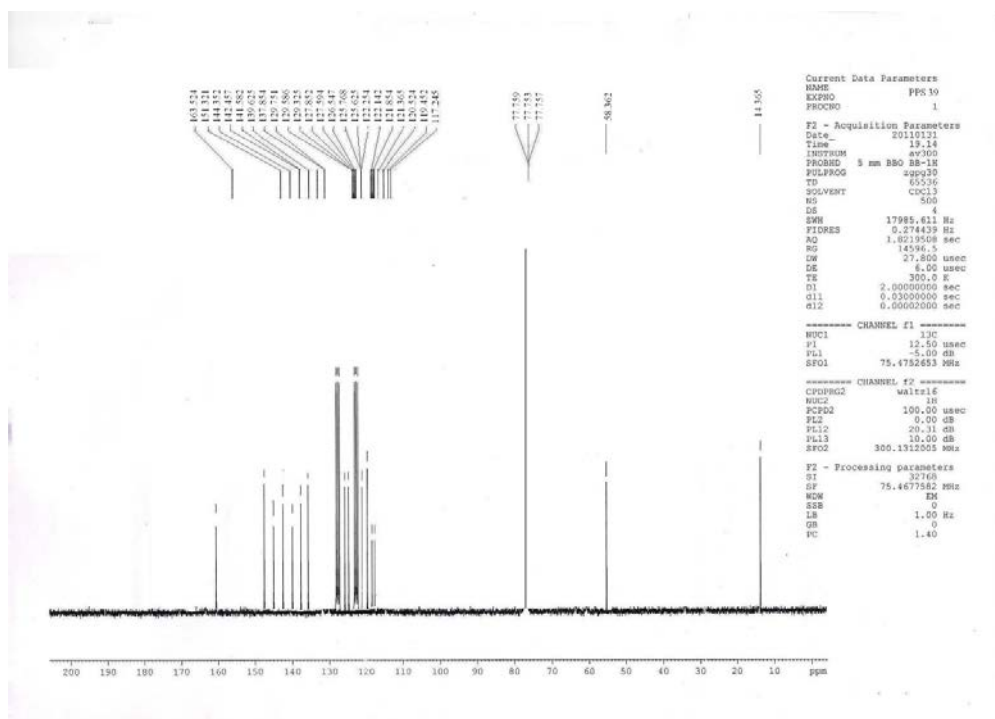
Mass spectrum of N-(4-chlorophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12c)



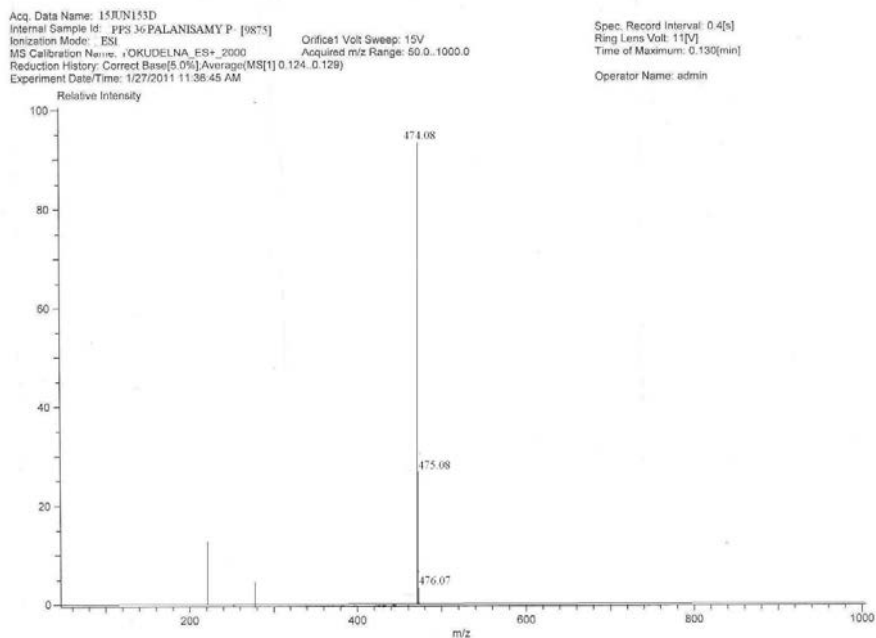
IR spectrum of N-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12d)



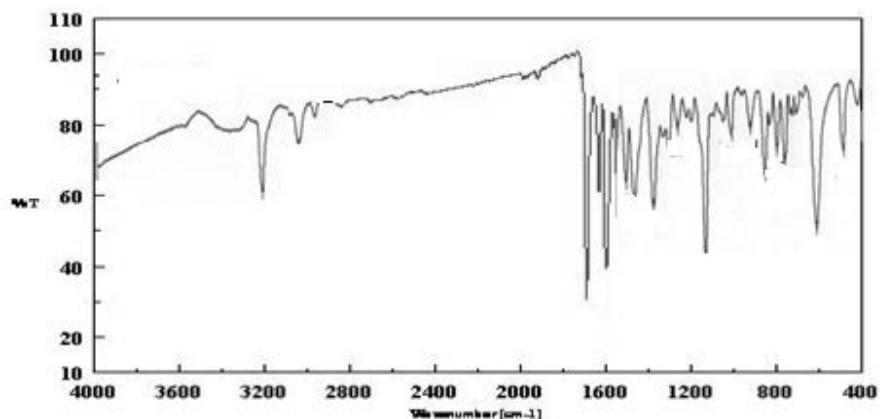
¹H-NMR spectrum of N-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12d)



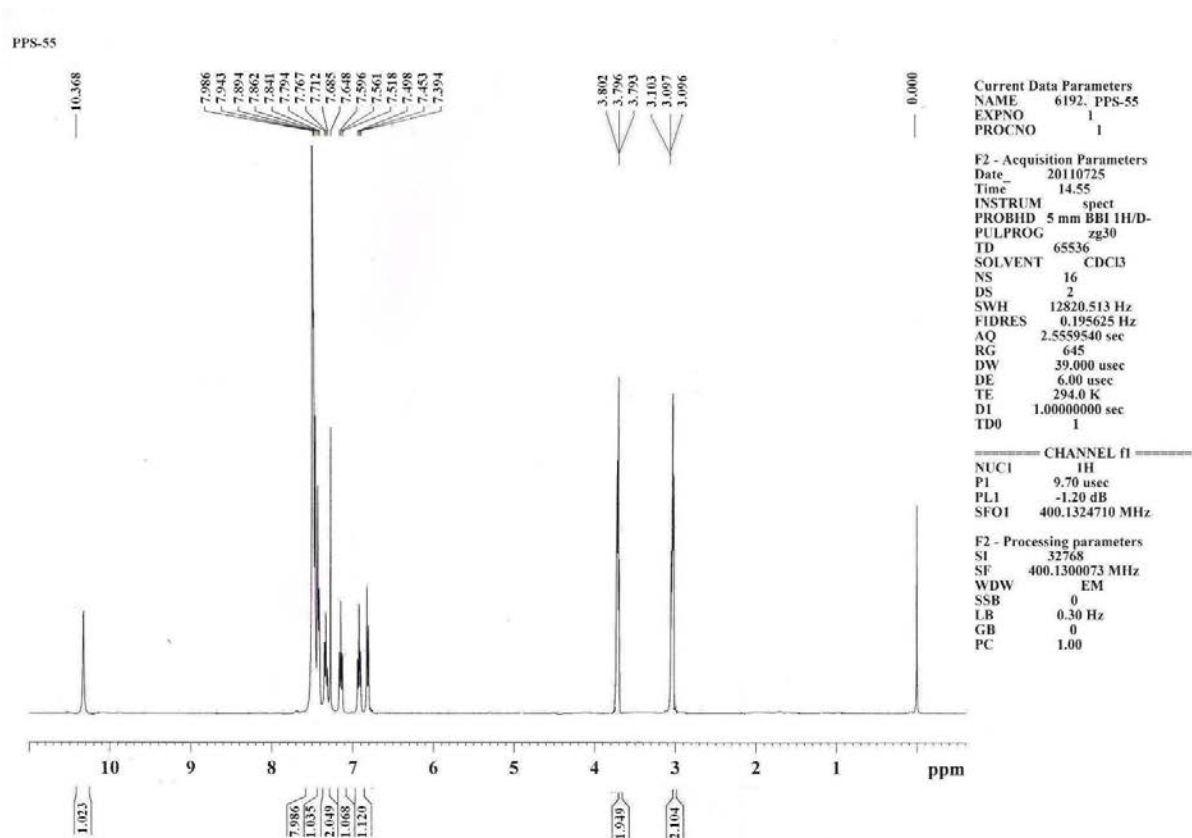
¹³C-NMR spectrum of N-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12d)



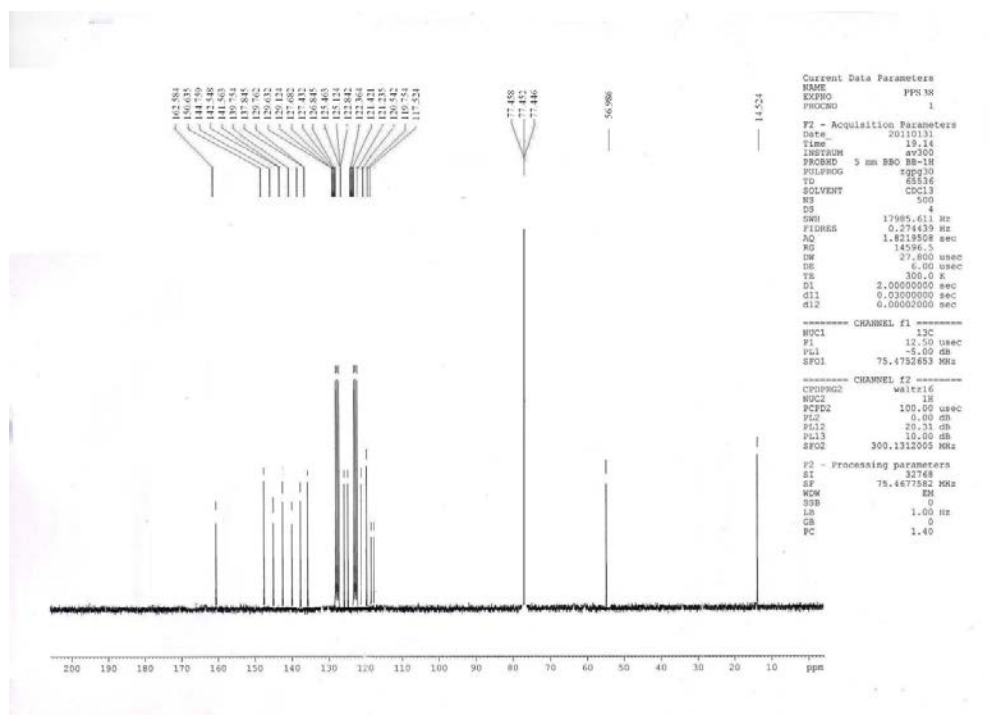
Mass spectrum of N-(3-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12d)



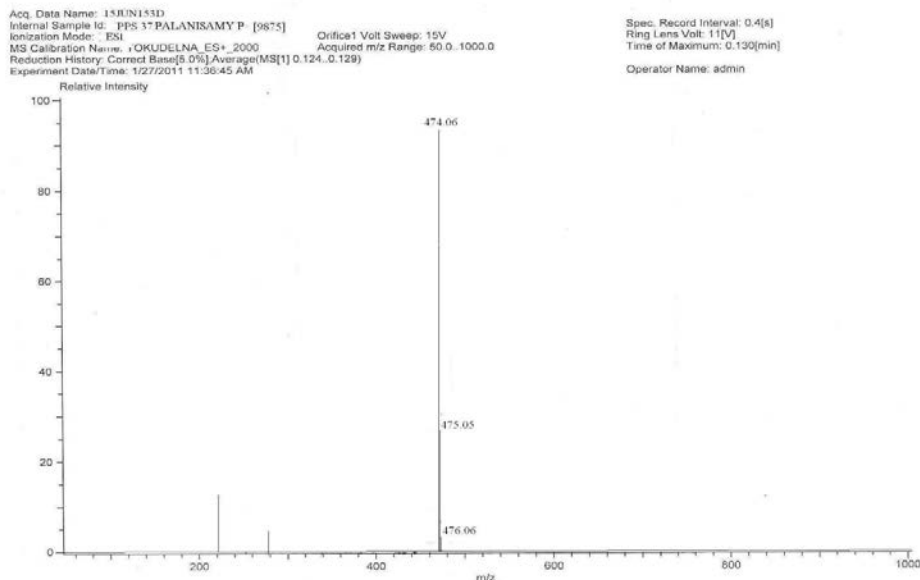
IR spectrum of N-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1] benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12e)



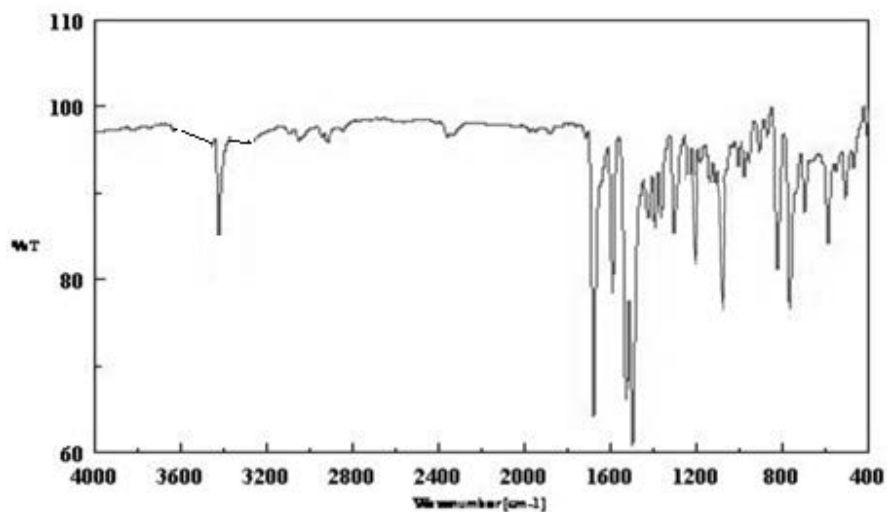
¹H-NMR spectrum of N-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1] benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12e)



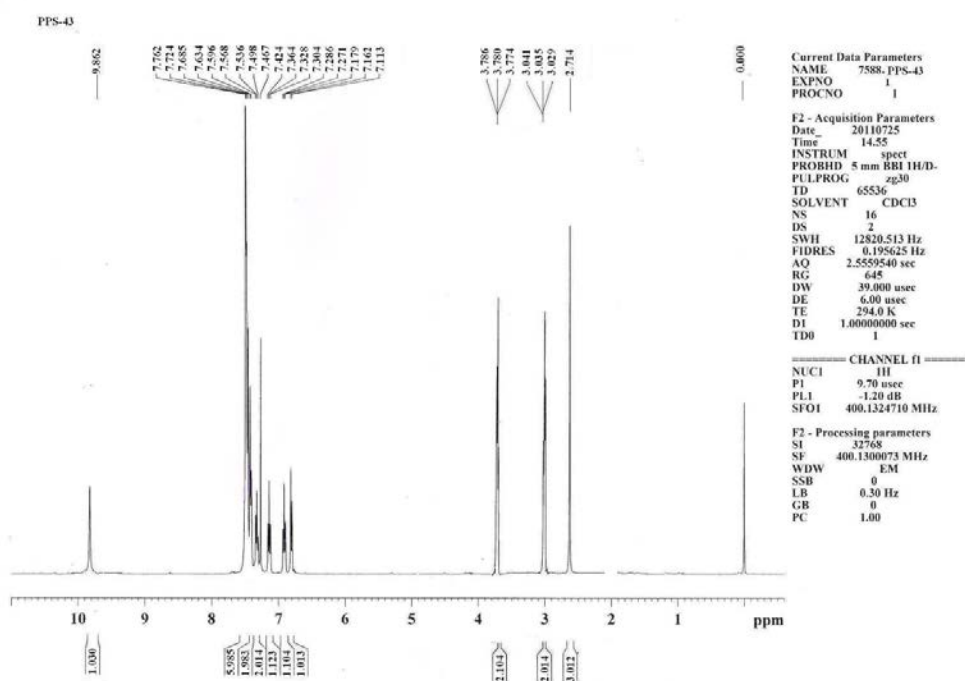
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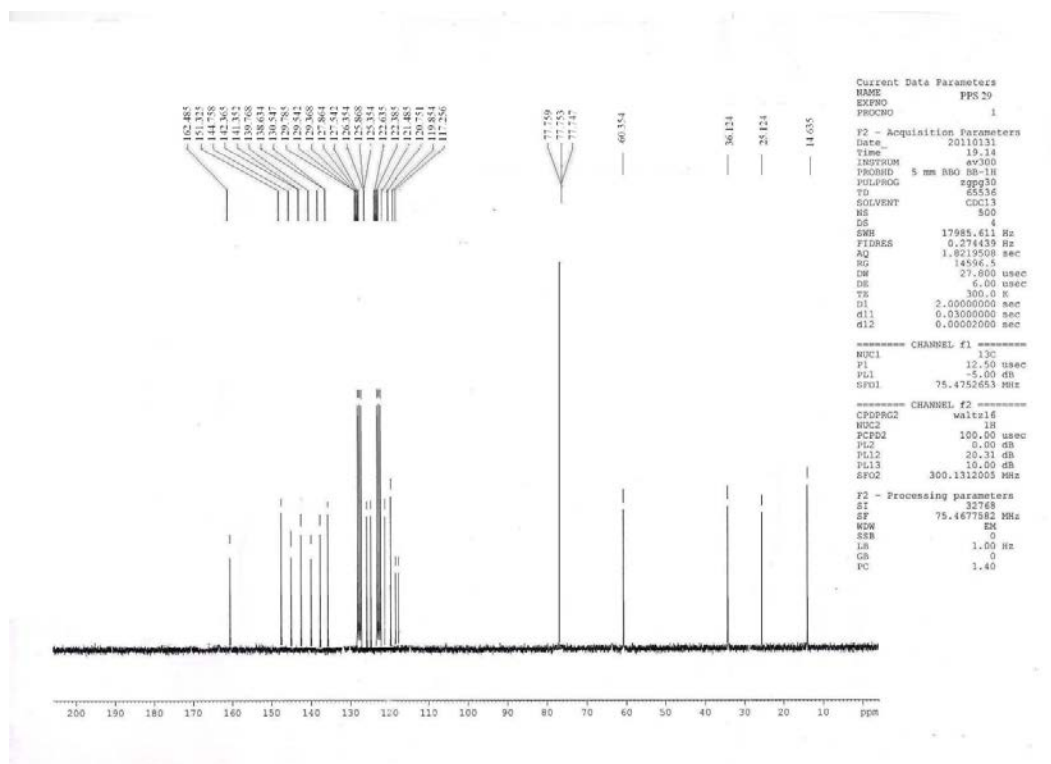
Mass spectrum of N-(4-nitrophenyl)-1-phenyl-4,5-dihydro-1H-[1] benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12e)



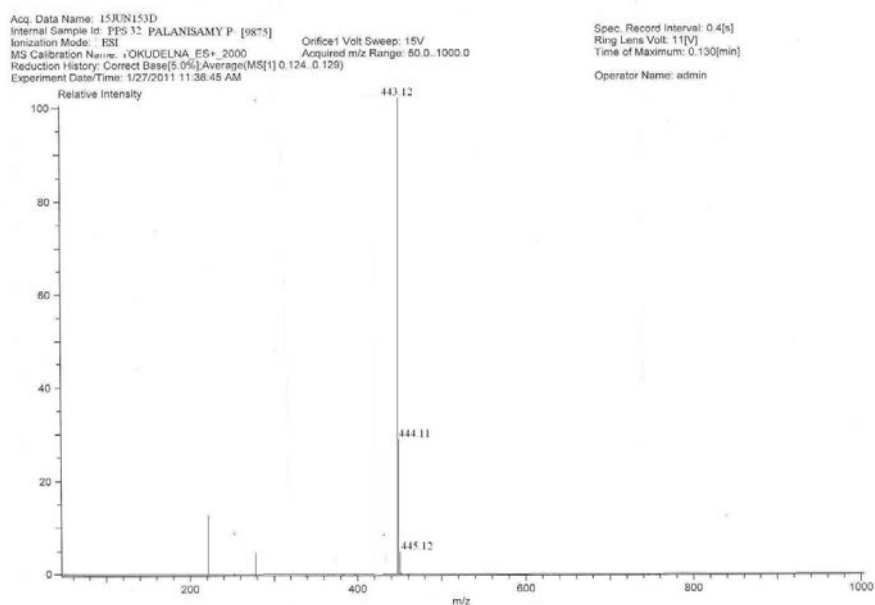
IR spectrum of 1-Phenyl-N-m-tolyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12f)



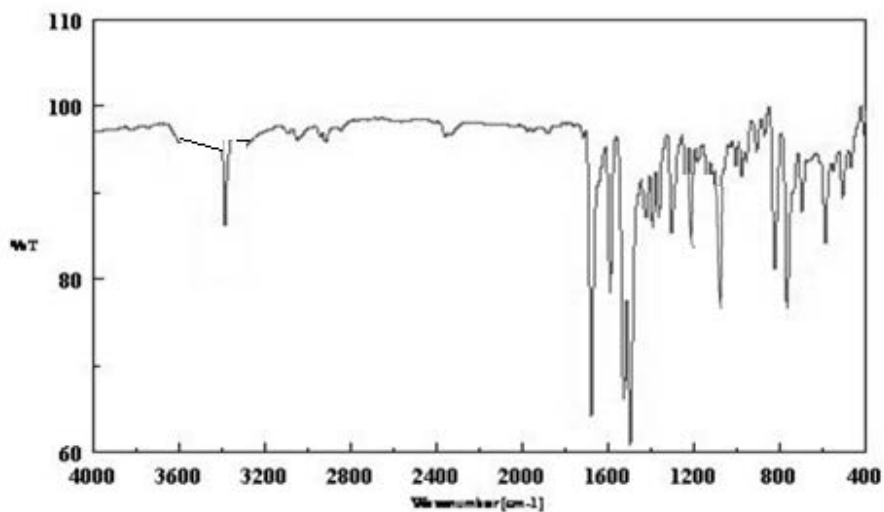
¹H-NMR spectrum of 1-Phenyl-N-m-tolyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12f)



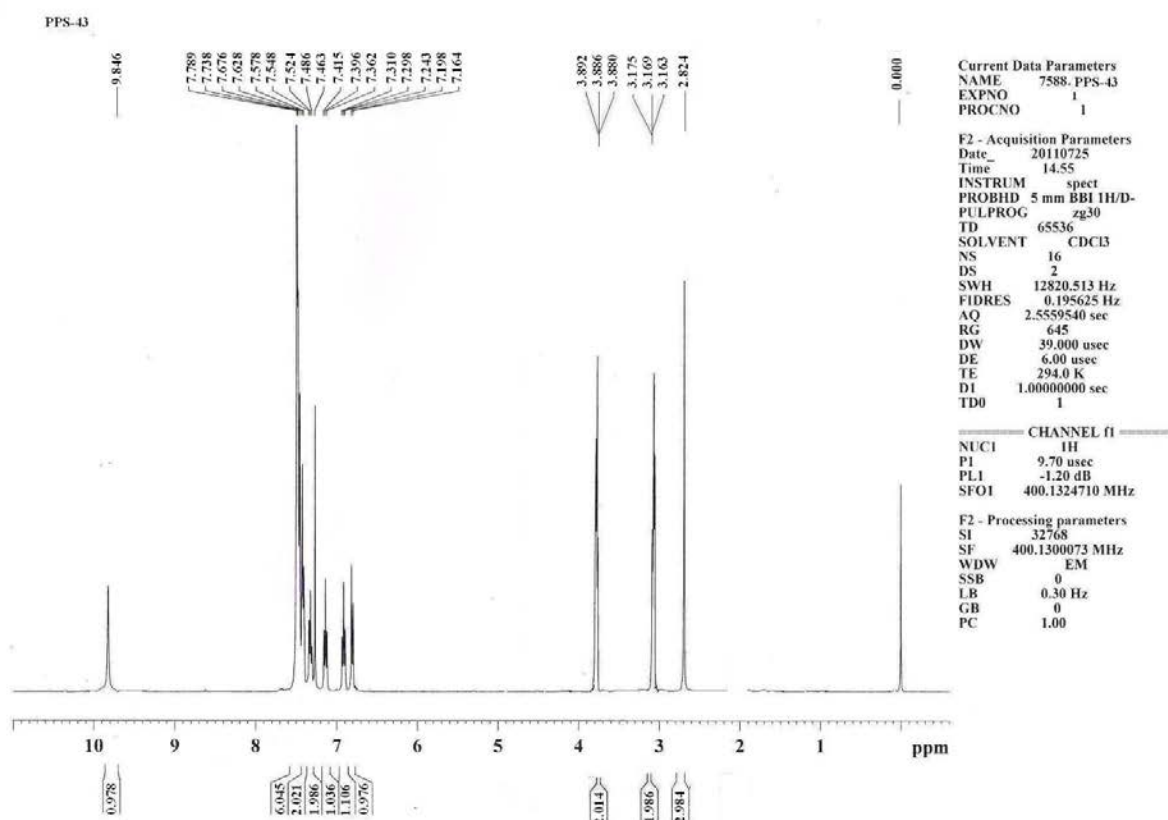
¹³C-NMR spectrum of 1-Phenyl-N-m-tolyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12f)



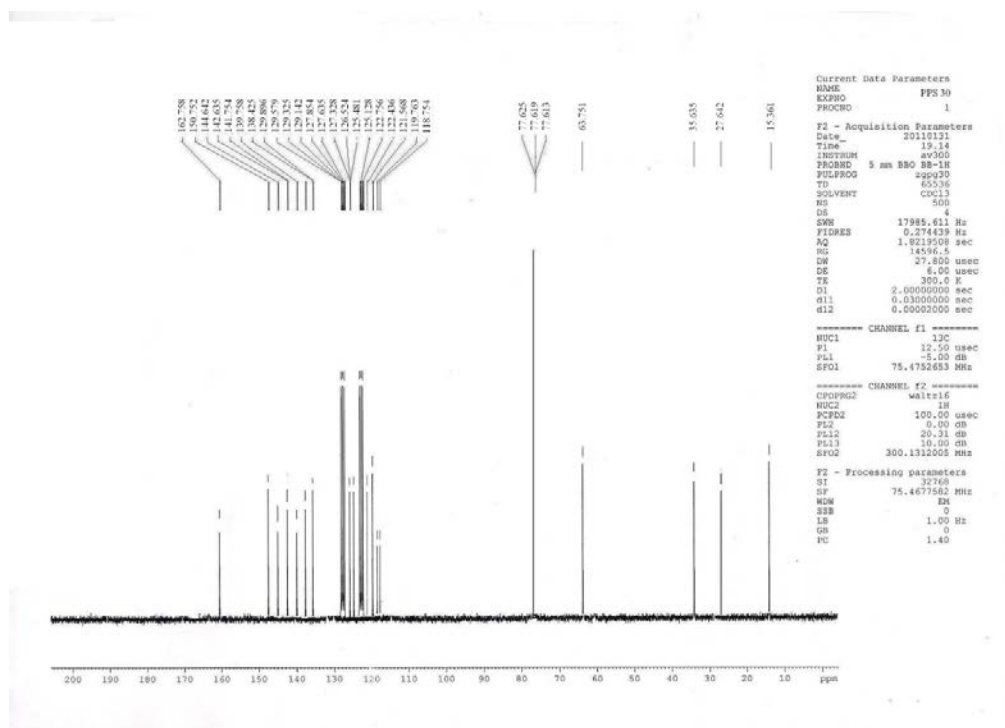
Mass spectrum of 1-Phenyl-N-m-tolyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12f)



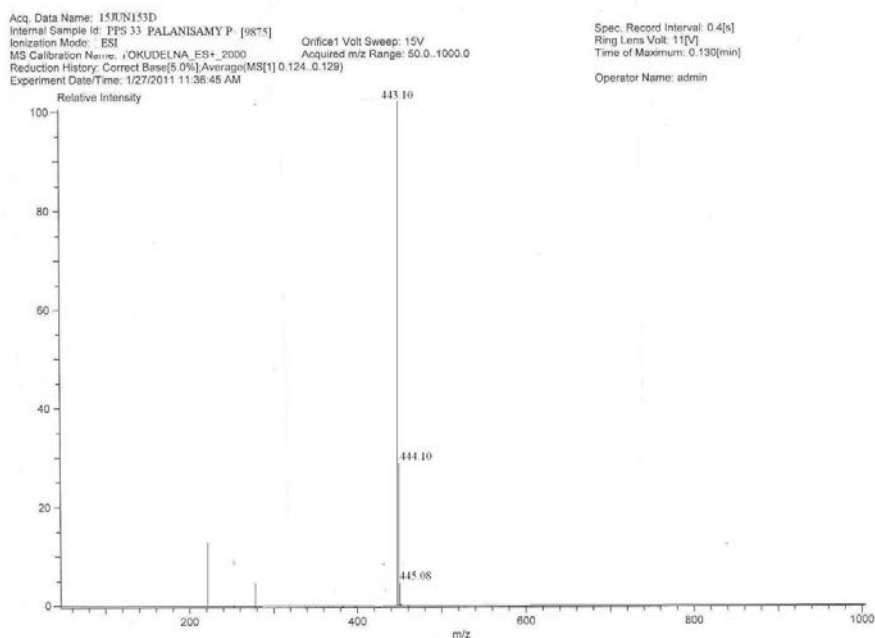
IR spectrum of 1-Phenyl-N-p-tolyl-14,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12g)



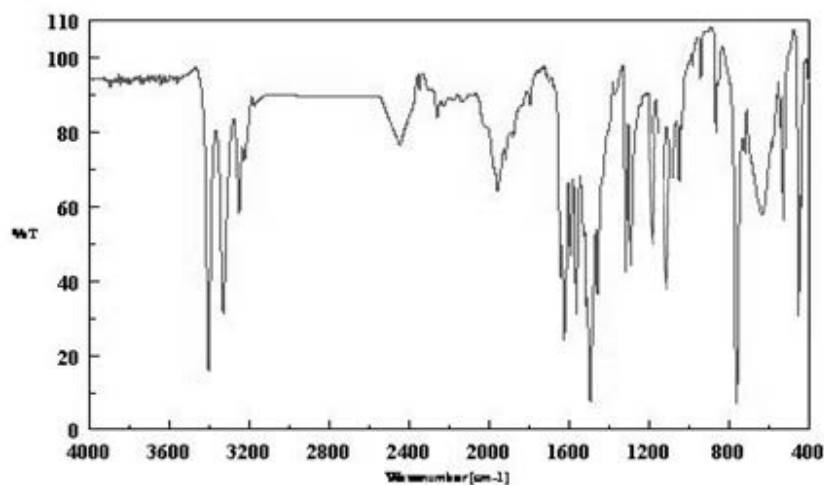
¹H-NMR spectrum of 1-Phenyl-N-p-tolyl-14,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12g)



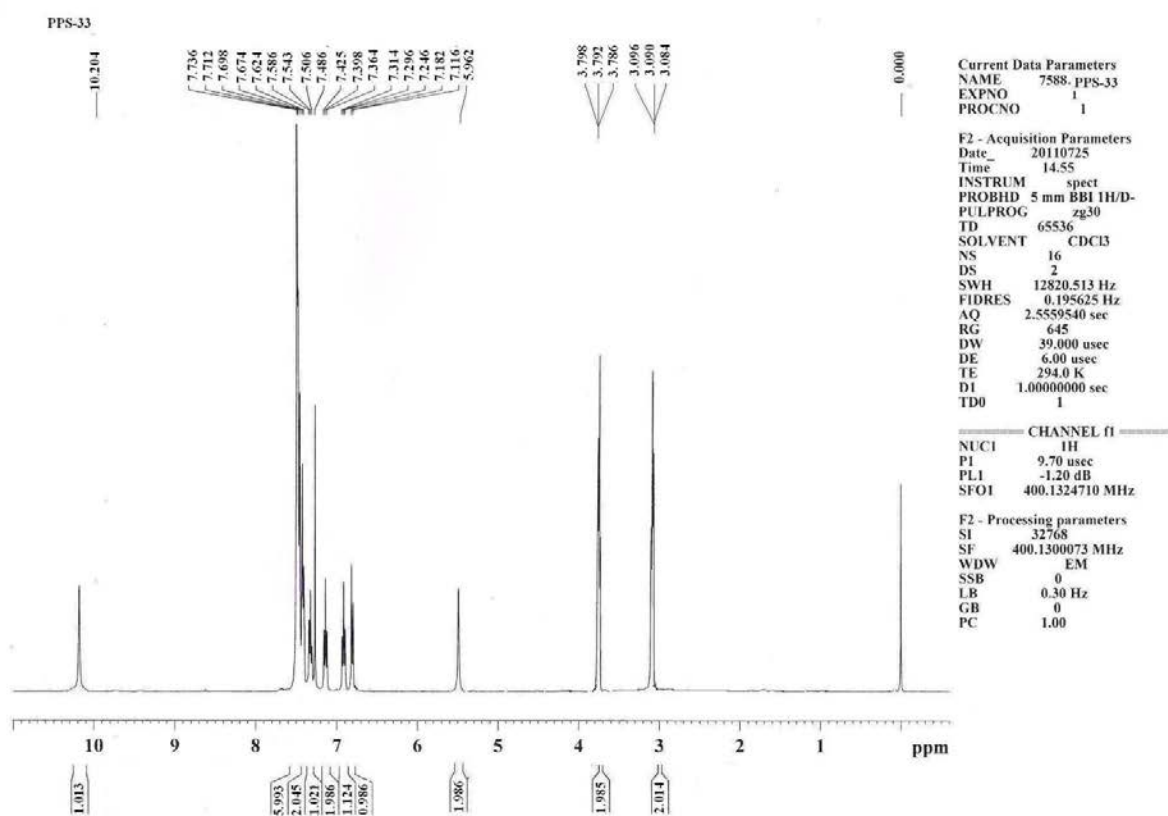
¹³C-NMR spectrum of 1-Phenyl-N-p-tolyl-14,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12g)



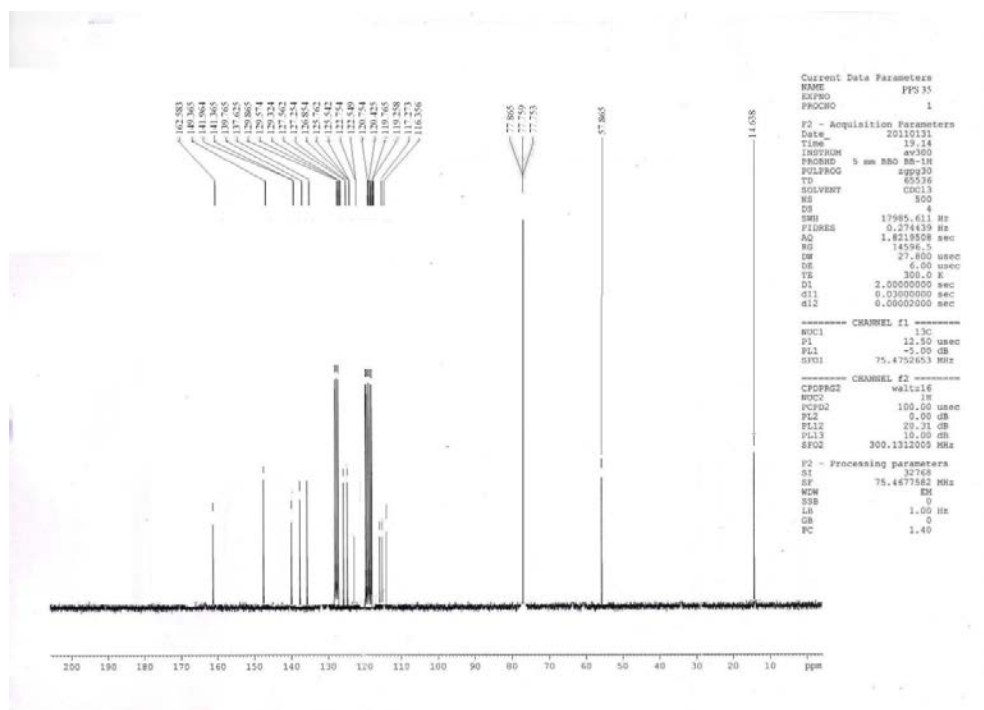
Mass spectrum of 1-Phenyl-N-p-tolyl-14,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12g)



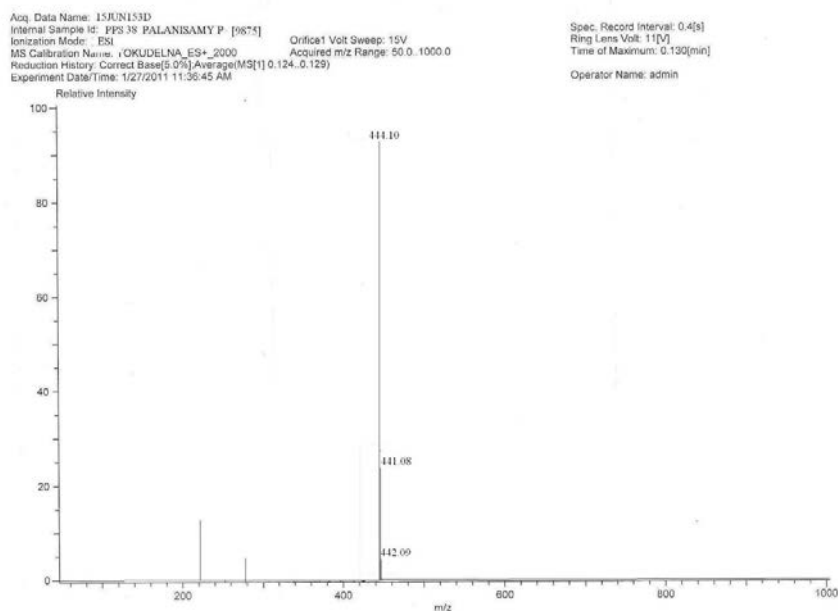
IR spectrum of N-(2-aminophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12h)



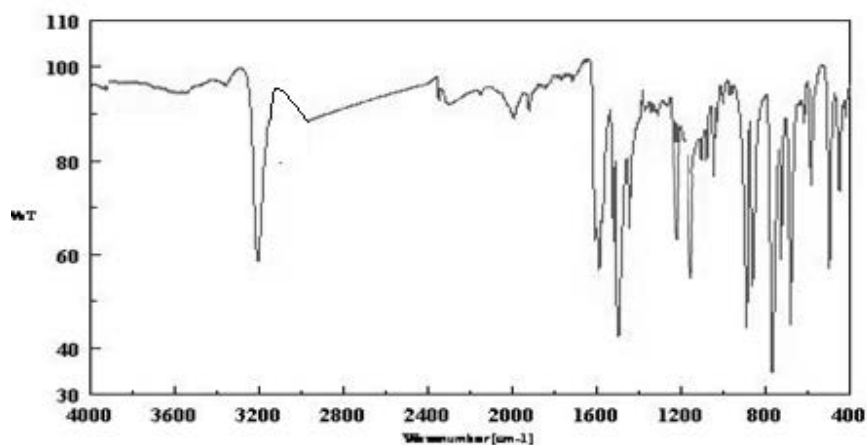
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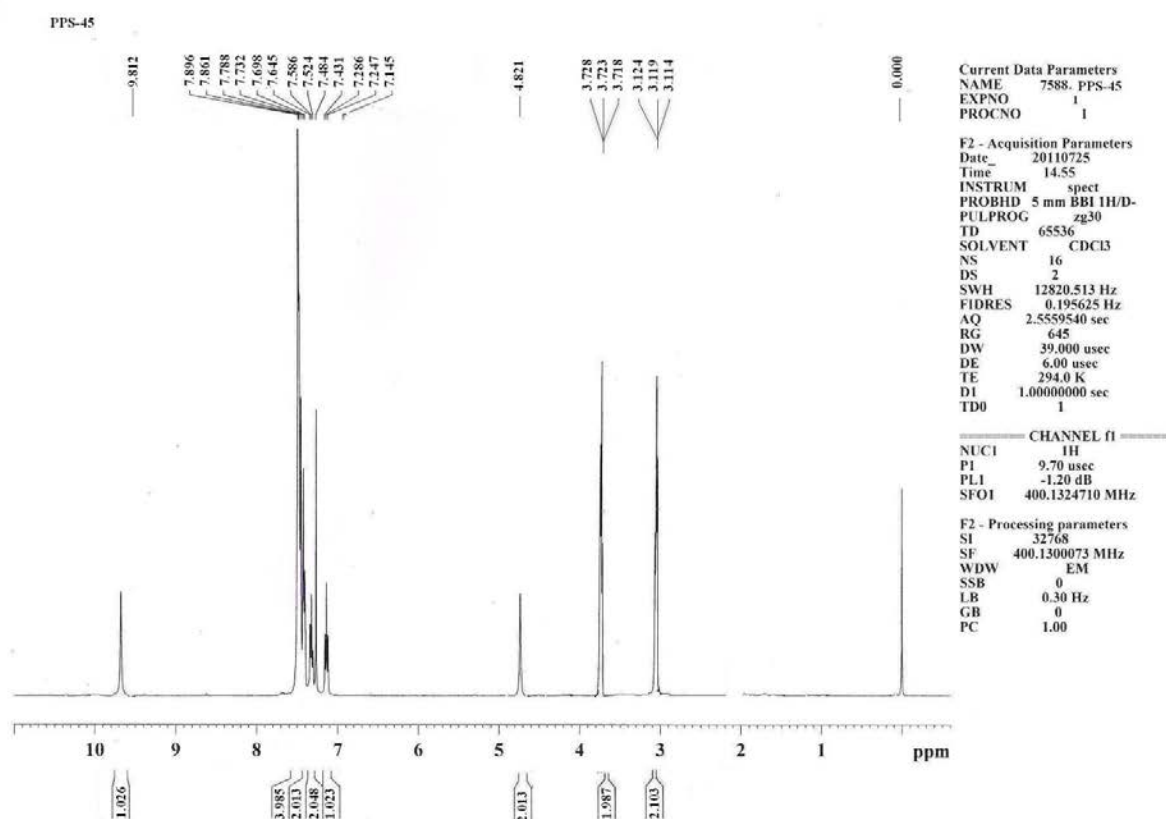
¹³C-NMR spectrum of N-(2-aminophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12h)



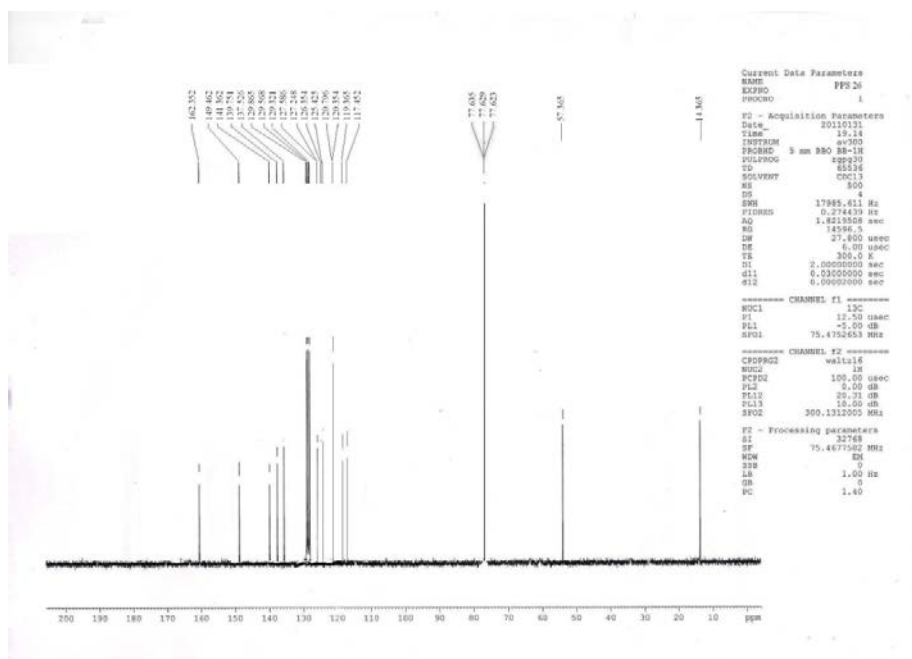
Mass spectrum of N-(2-aminophenyl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12h)



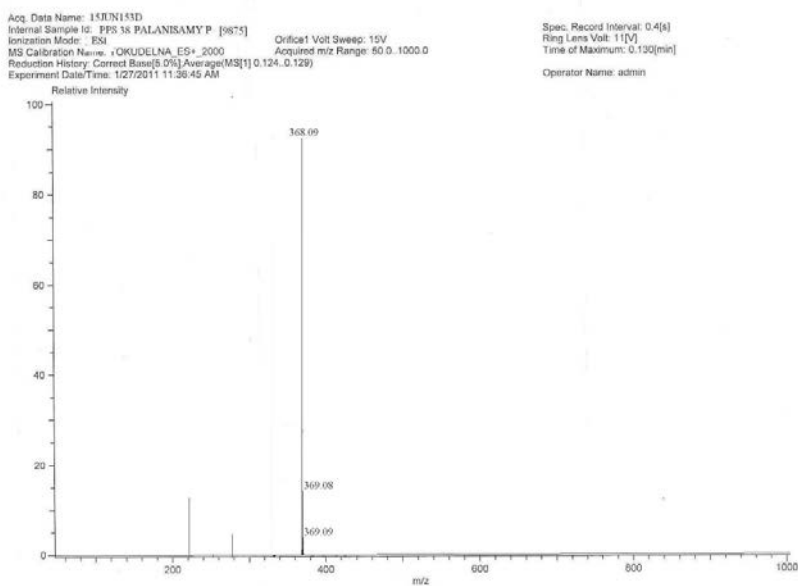
IR spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carbohydrazide 6,6-dioxide (12i)



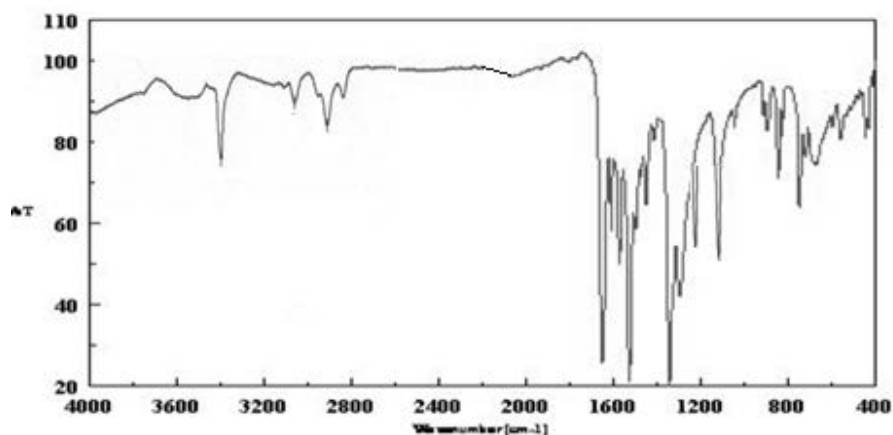
¹H-NMR spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carbohydrazide 6,6-dioxide (12i)



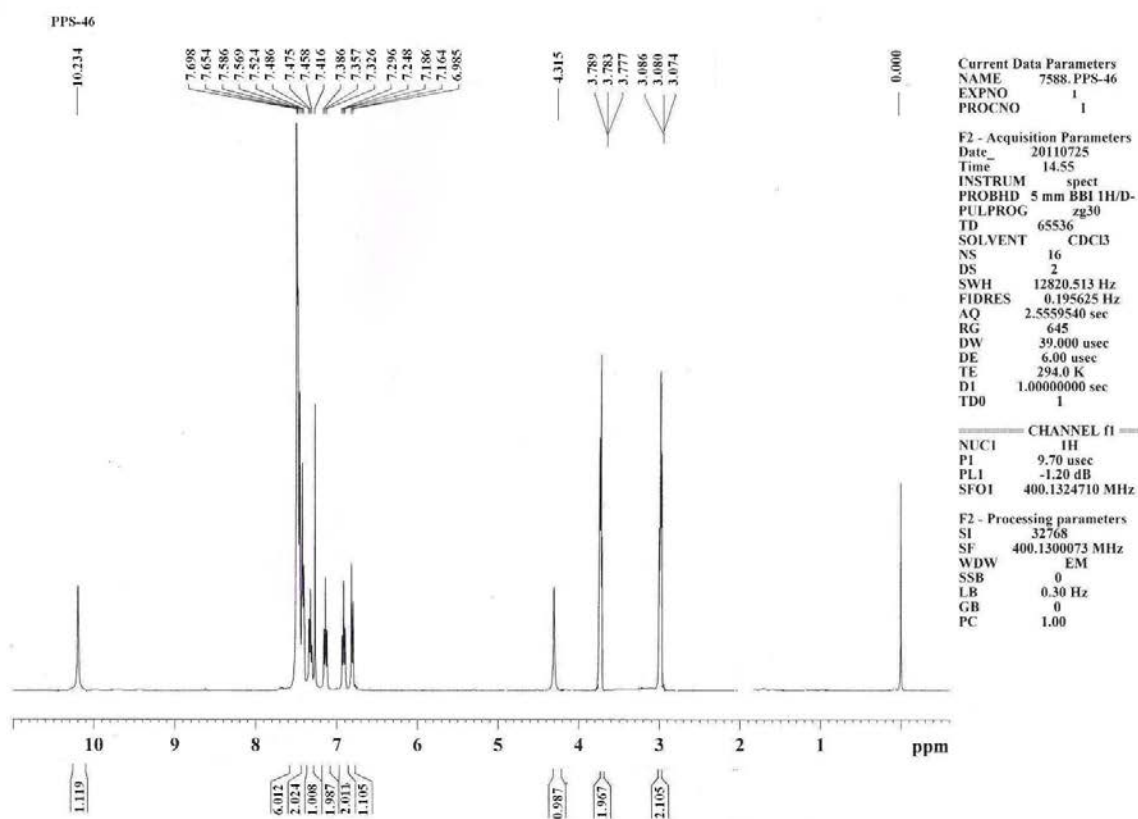
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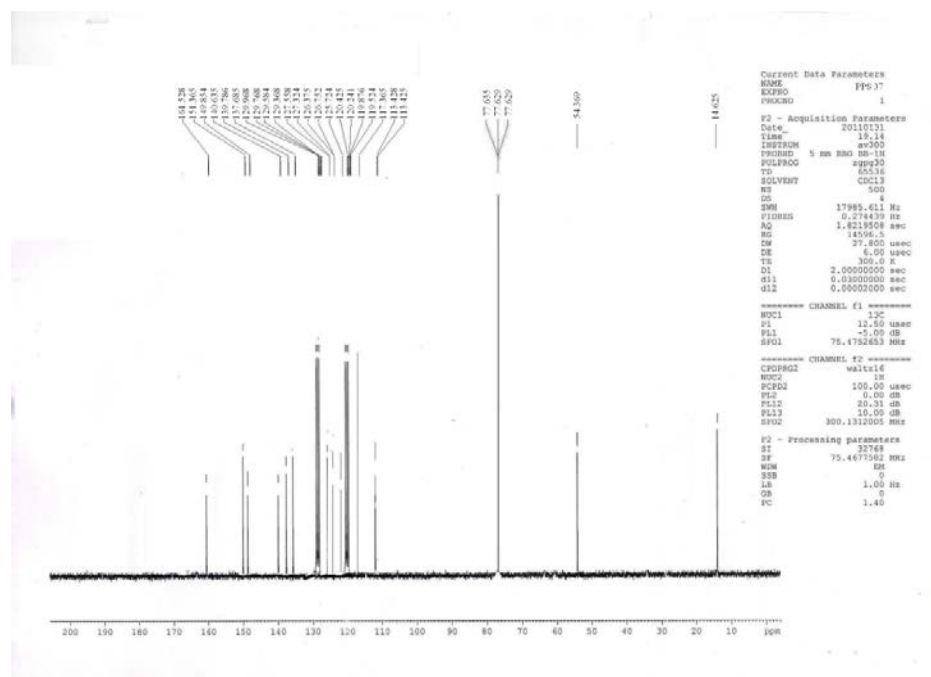
Mass spectrum of 1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carbohydrazide 6,6-dioxide (12i)



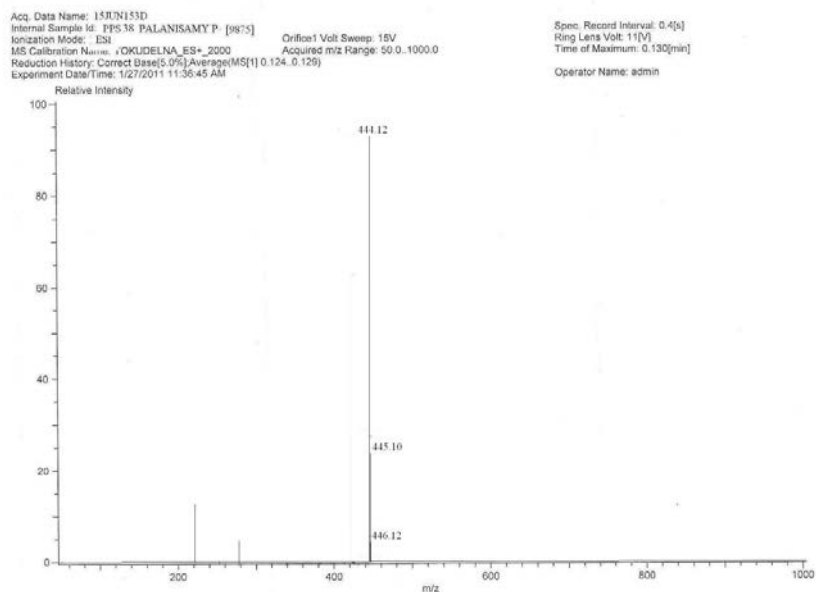
IR spectrum of N',1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carbohydrazide
6,6-dioxide (12j)



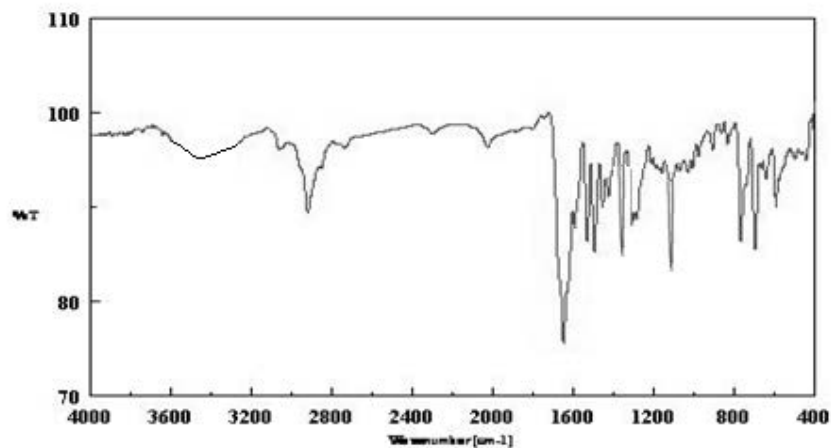
¹H-NMR spectrum of N',1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-
carbohydrazide 6,6-dioxide (12j)



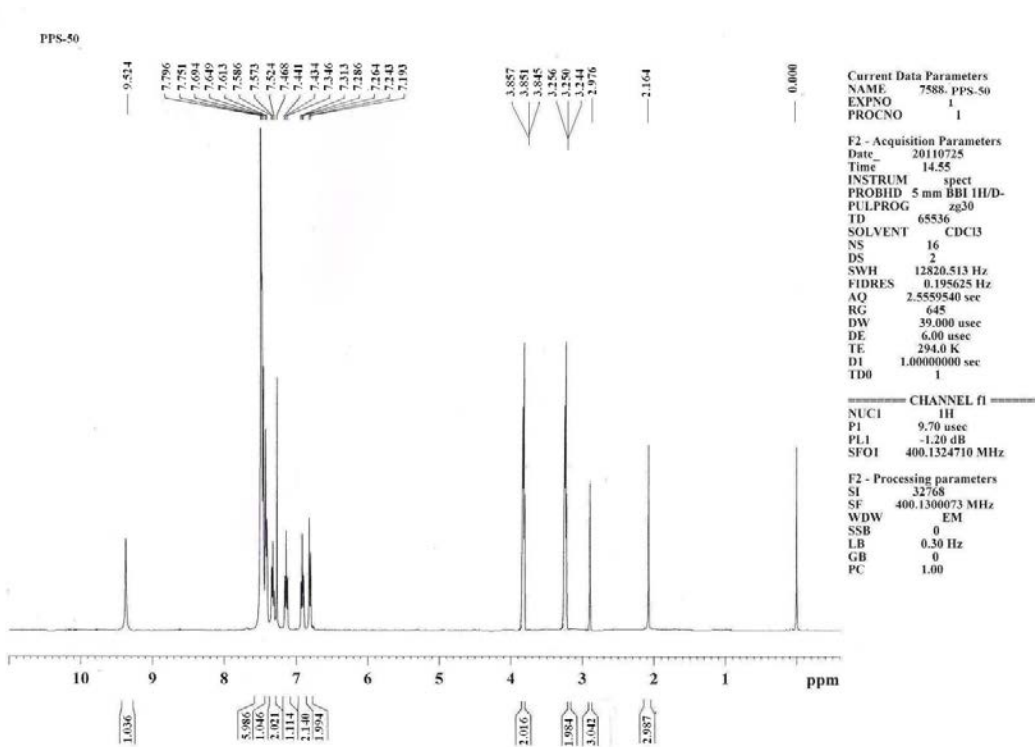
¹³C-NMR spectrum of N',1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carbohydrazone 6,6-dioxide (12j)



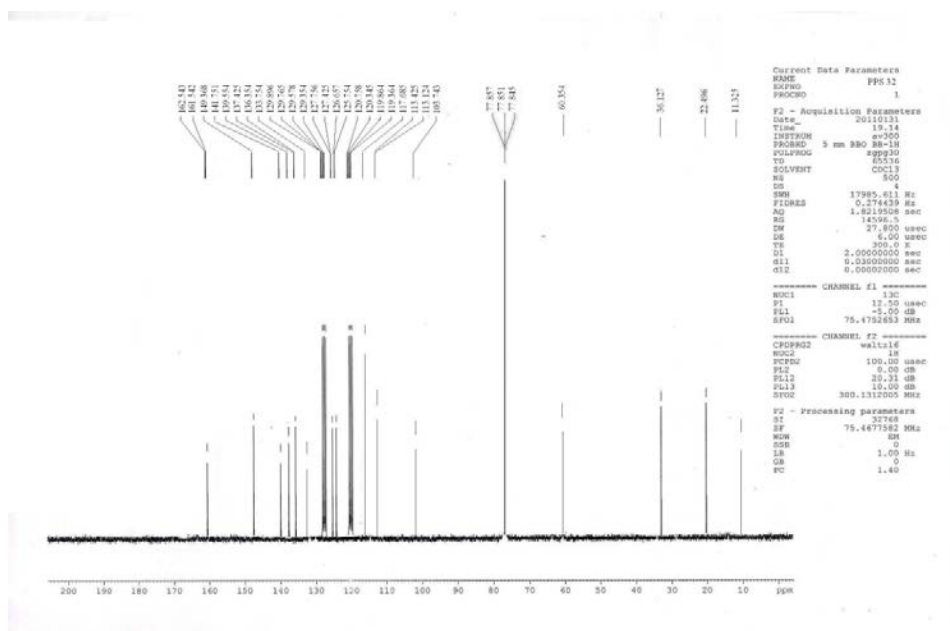
Mass spectrum of N',1-diphenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carbohydrazone 6,6-dioxide (12j)



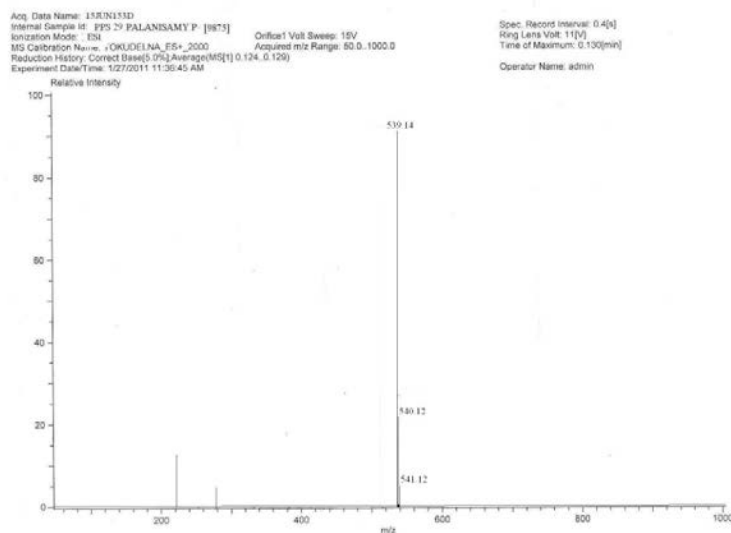
IR spectrum of N-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12k)



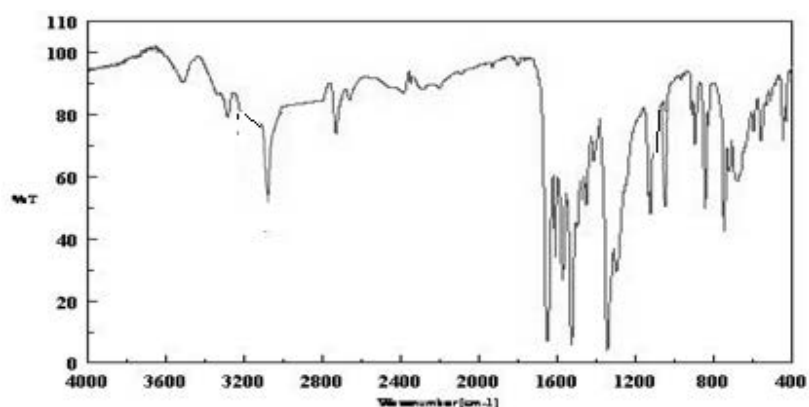
¹H-NMR spectrum of N-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12k)



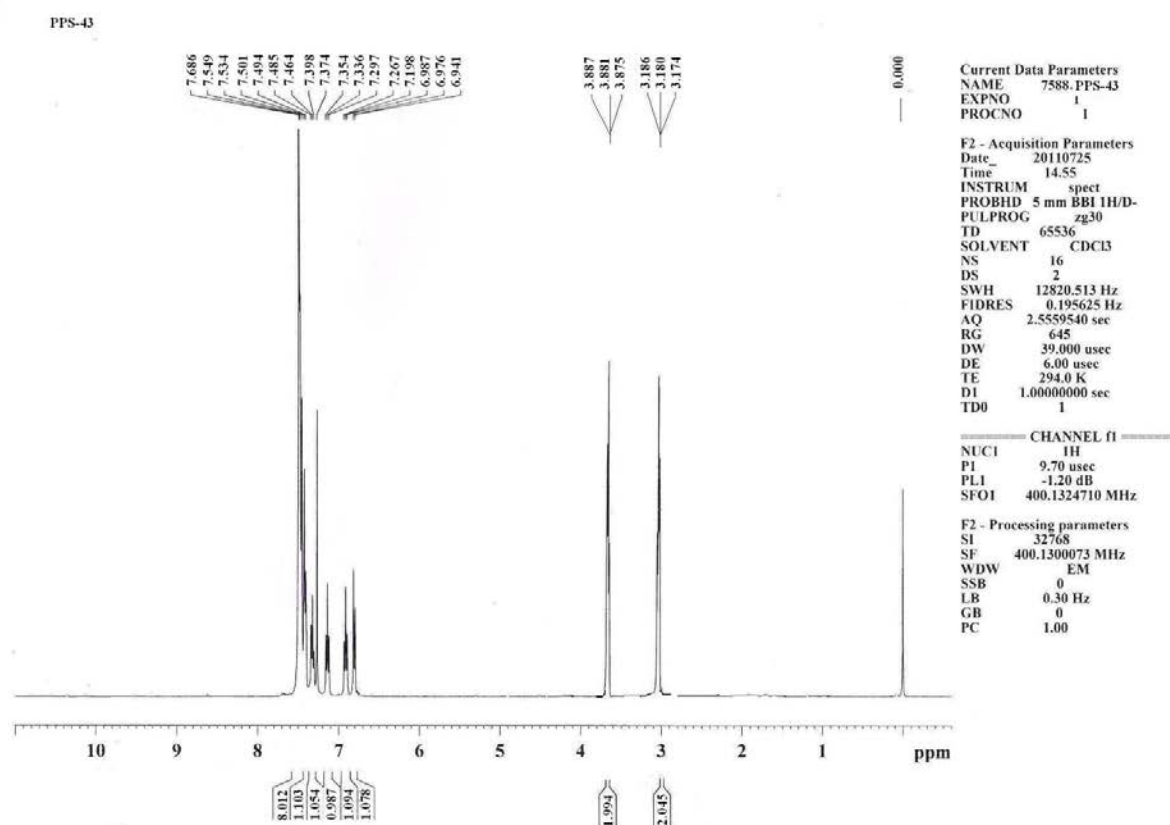
¹³C-NMR spectrum of N-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12k)



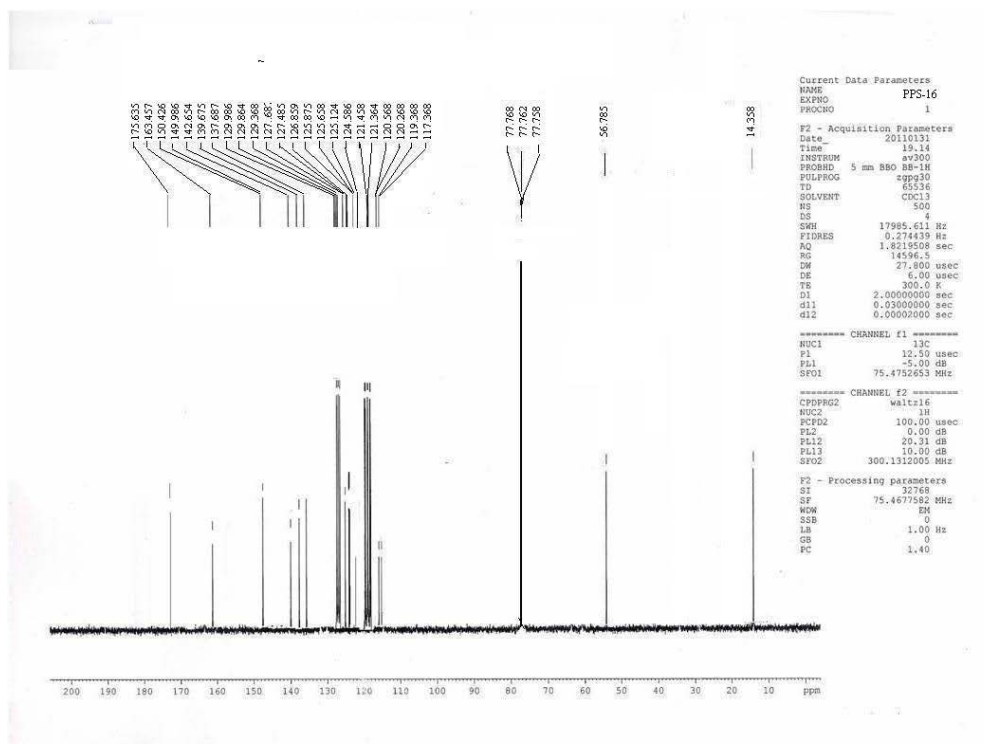
Mass spectrum of N-(1, 5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepiino[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12k)



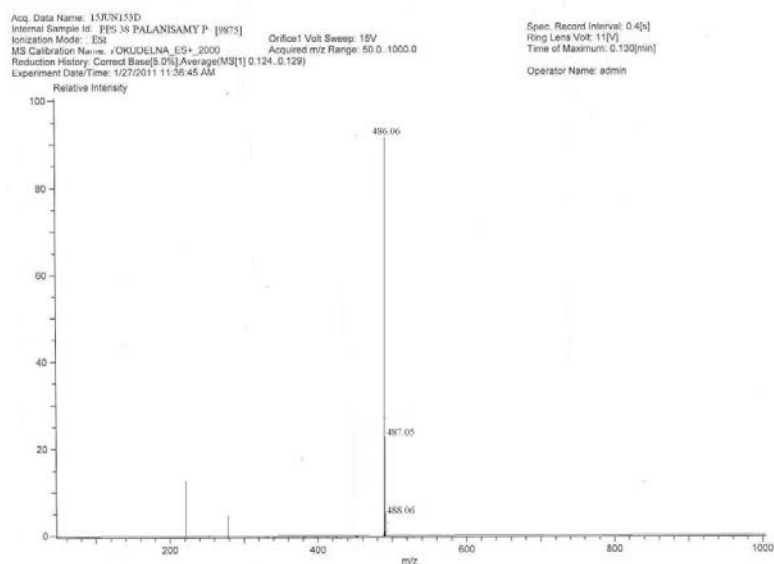
IR spectrum of N-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12)



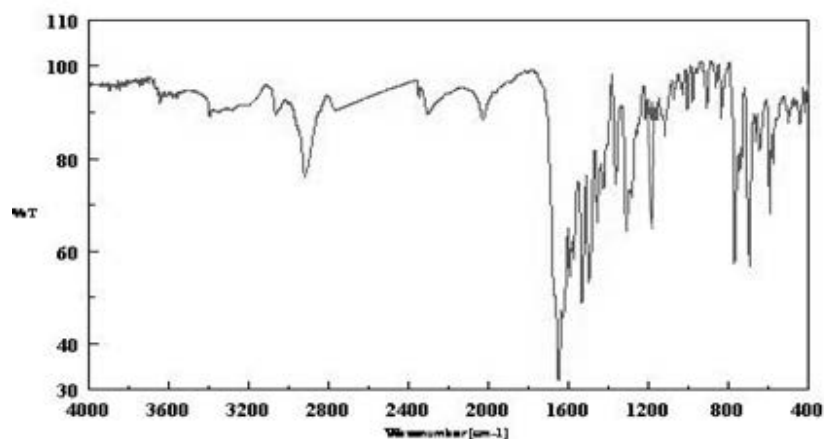
¹H-NMR spectrum of N-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12)



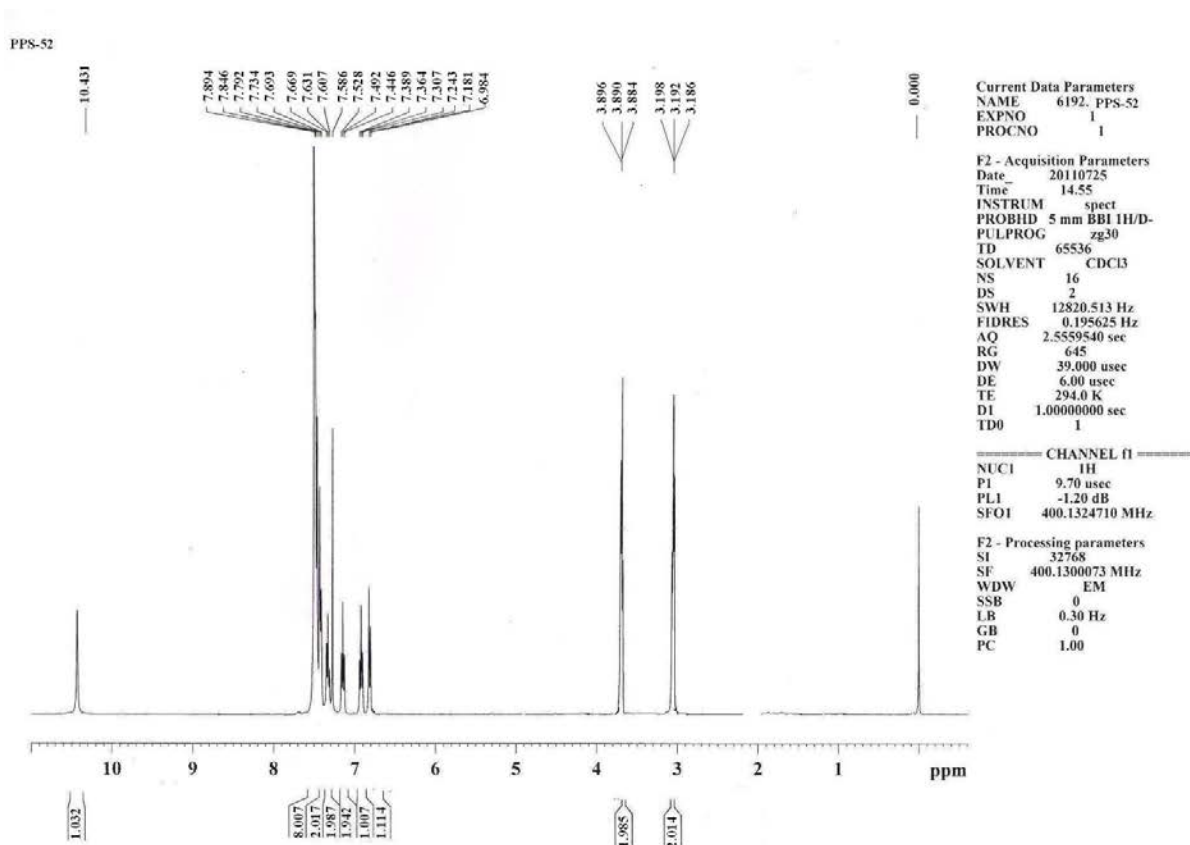
¹³C-NMR spectrum of N-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12)



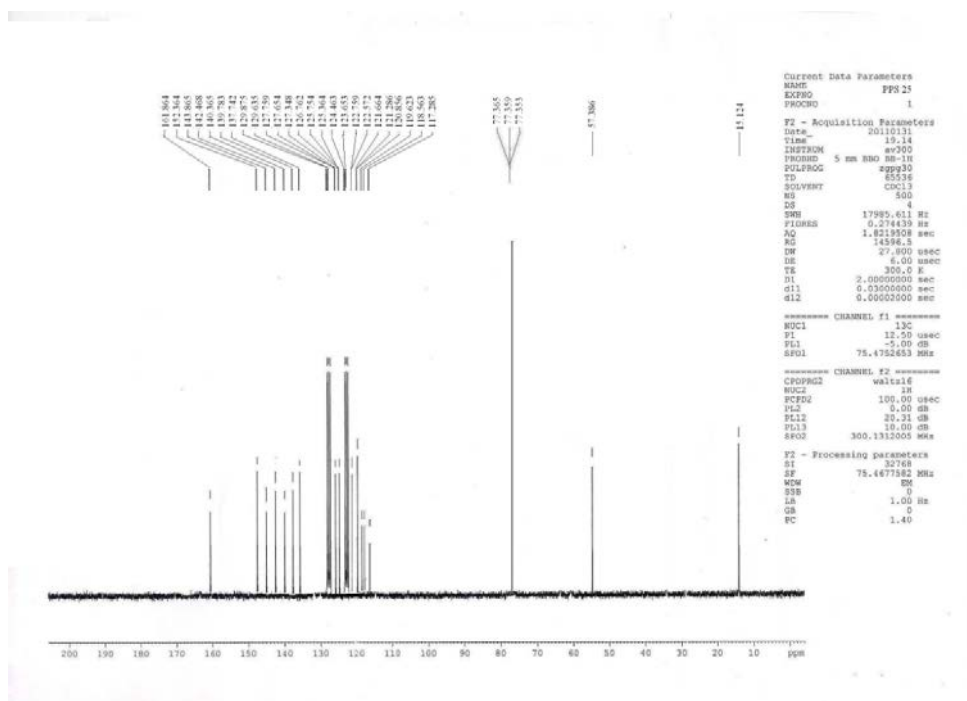
Mass spectrum of N-(1,3-benzothiazol-2-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12)



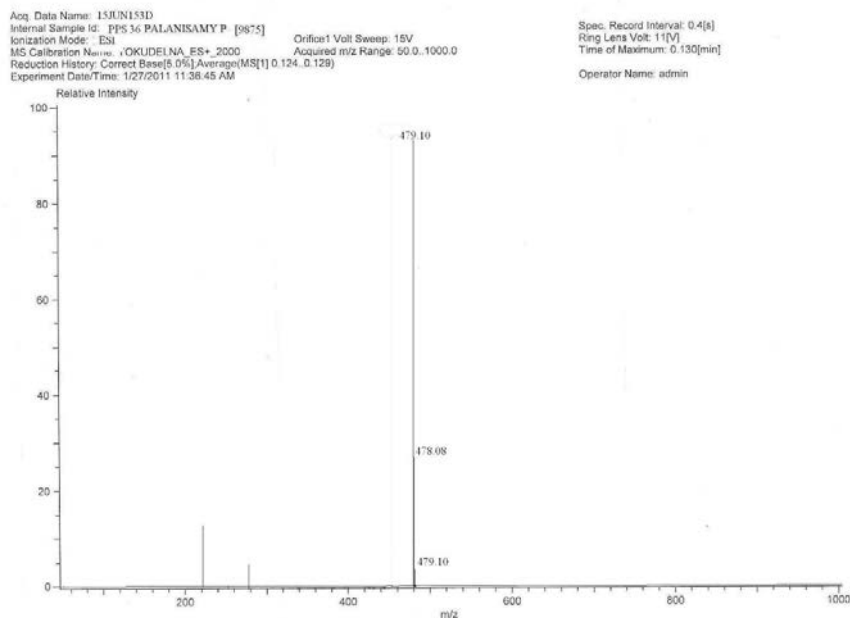
IR spectrum of N-(Naphthalen-1-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12m)



$^1\text{H-NMR}$ spectrum of N-(Naphthalen-1-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12m)



¹³C-NMR N-(Naphthalen-1-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12m)



Mass spectrum of N-(Naphthalen-1-yl)-1-phenyl-4,5-dihydro-1H-[1]benzothiepine[5,4-c]pyrazole-3-carboxamide 6,6-dioxide (12m)