Supplementary Materials: Comparative Interactions of Dihydroquinazolin Derivatives with Human Serum Albumin Observed via Multiple Spectroscopy

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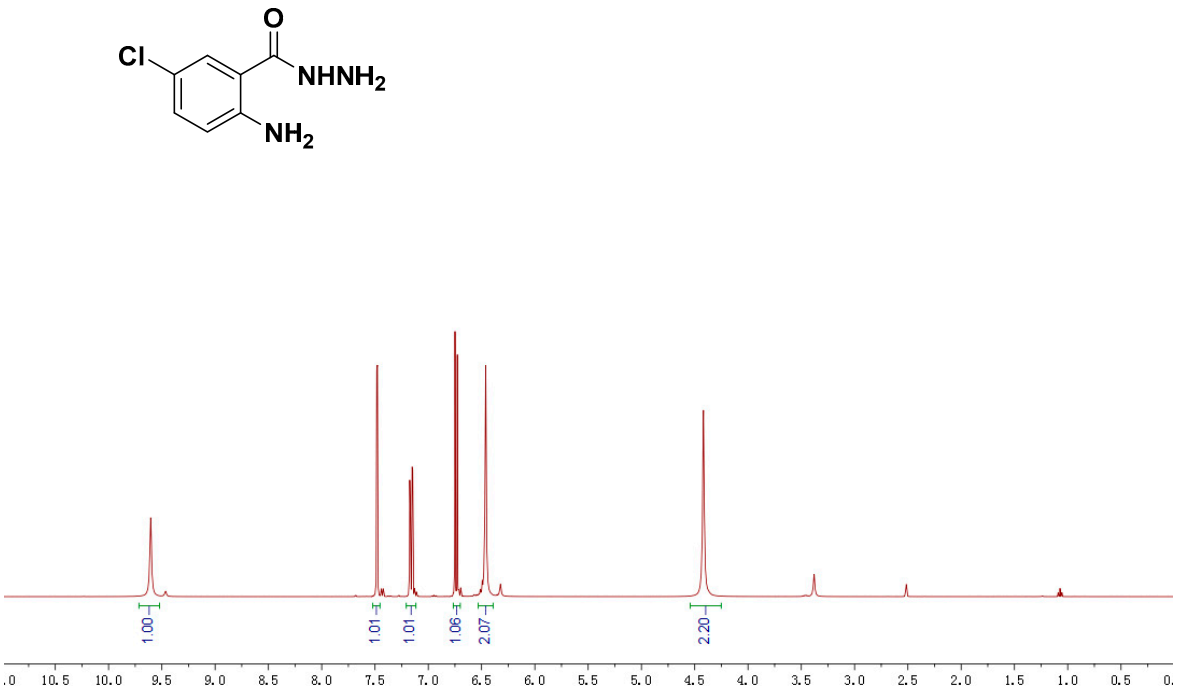
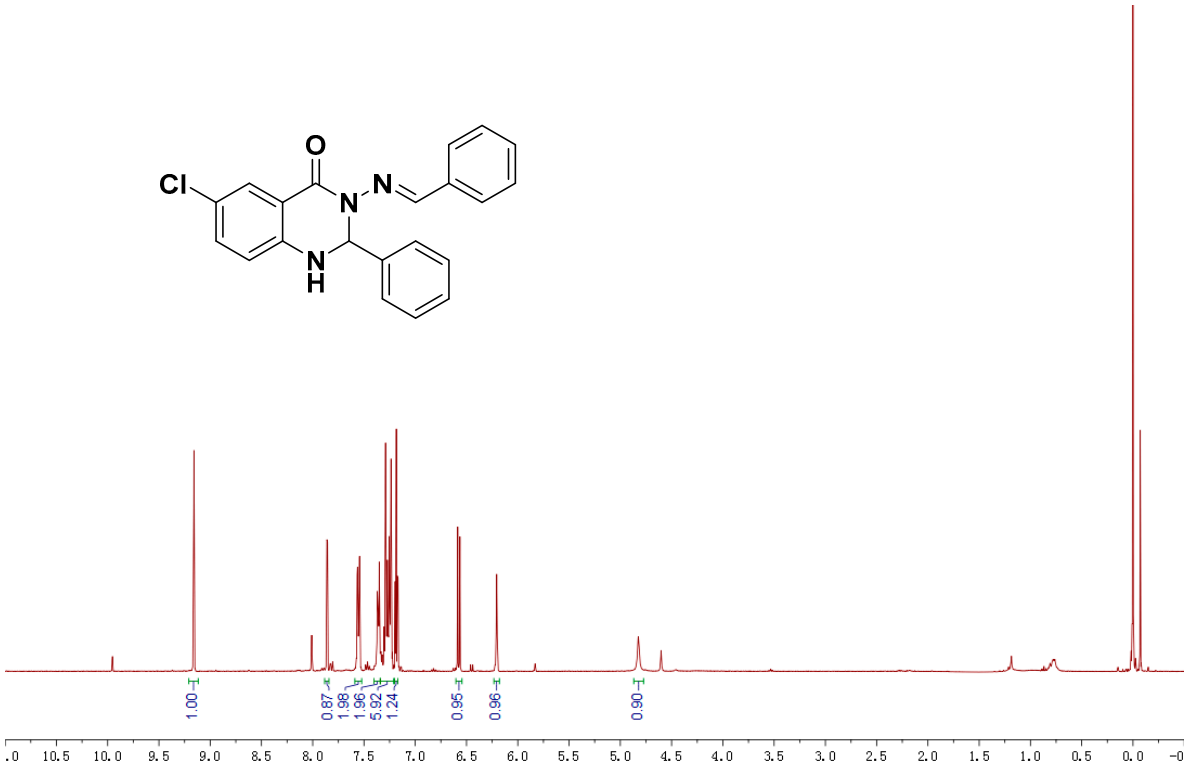
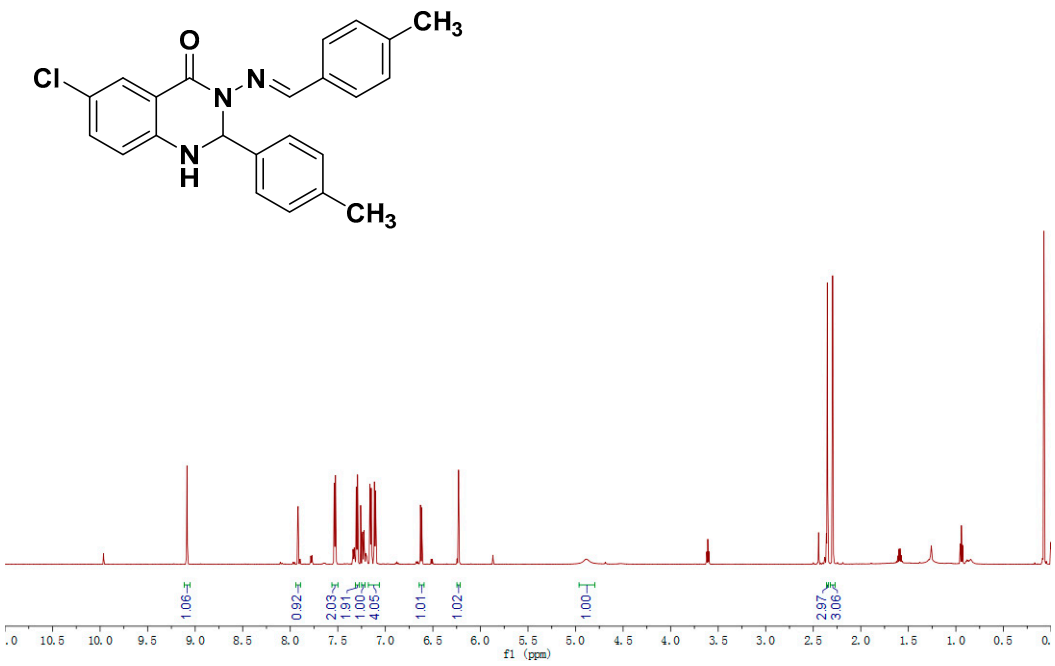


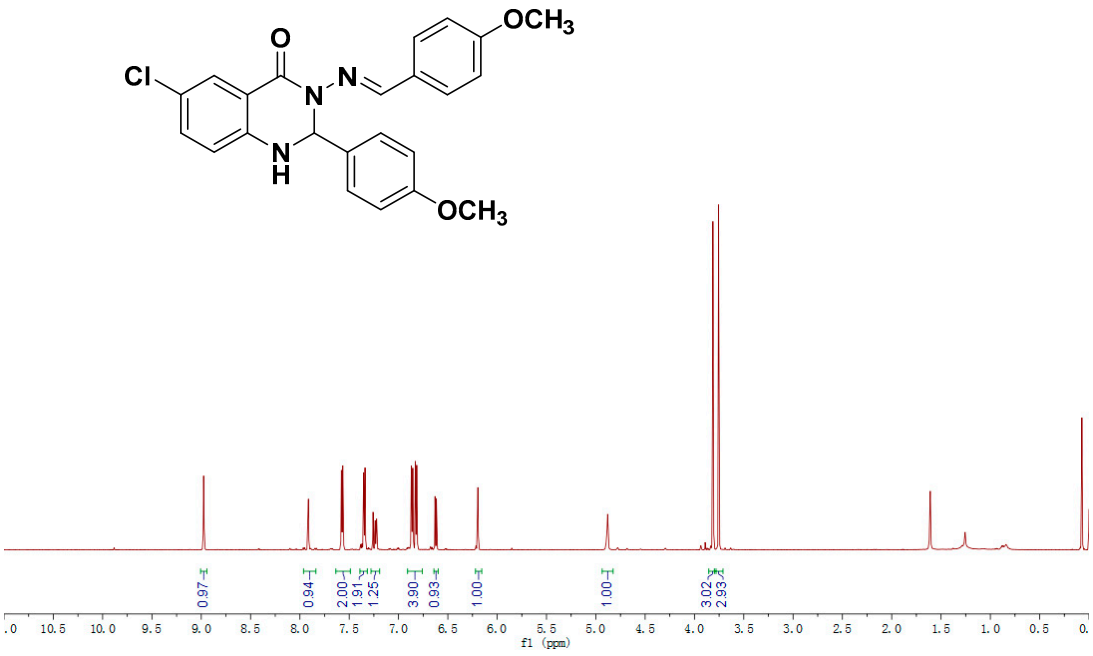
Spectrum 1.1: ^{1}H NMR spectrum of 2-Amino-5-chlorobenzohydrazide (1).



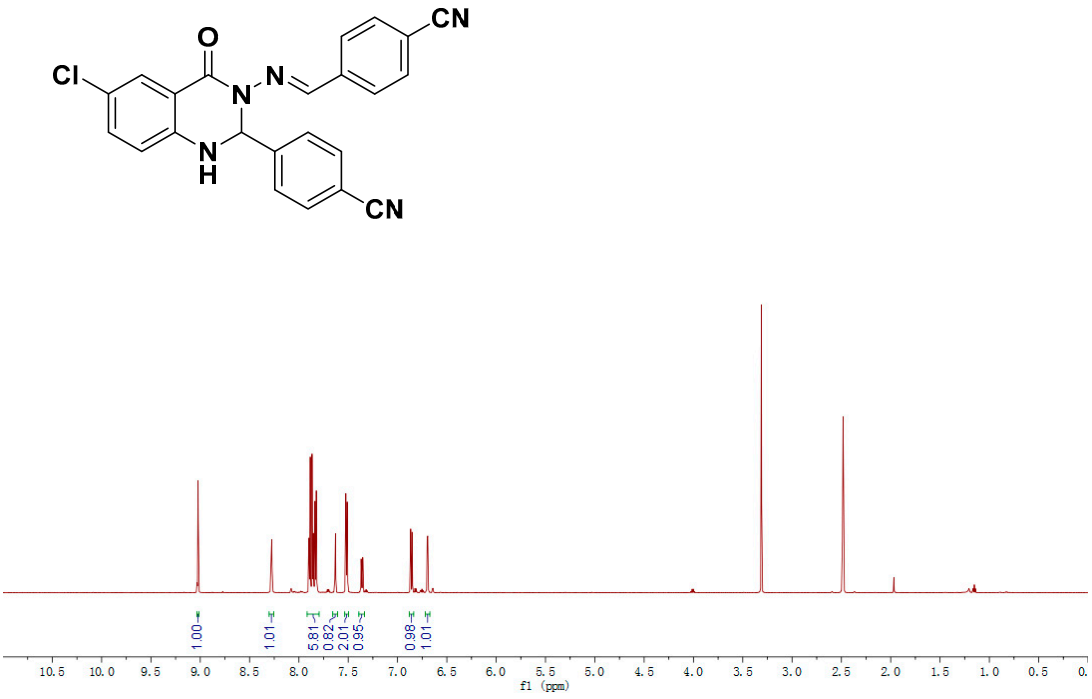
Spectrum 1.2: ^{1}H NMR spectrum of 3-(Benzylideneamino)-6-chloro-2-phenyl-2,3-dihydroquinazolin-4(1H)-one (2a).



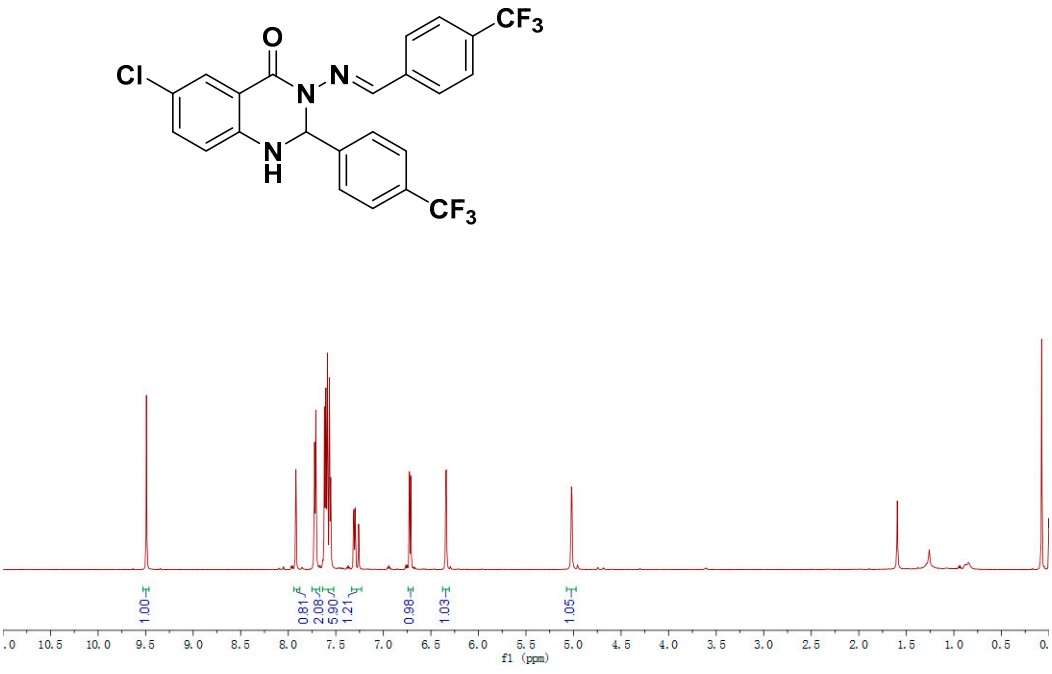
Spectrum 1.3: ^{1}H NMR spectrum of 6-chloro-3-((4-methylbenzylidene)amino)-2-(p-tolyl)-2,3-dihydroquinazolin-4(1H)-one (2b).



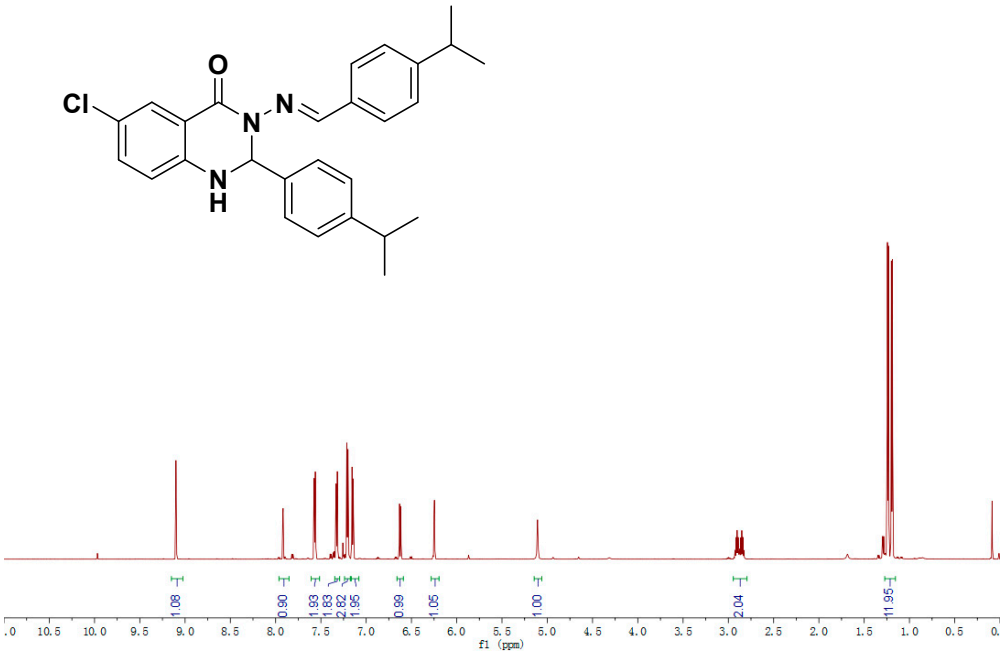
Spectrum 1.4: ^{1}H NMR spectrum of 6-chloro-3-((4-methoxybenzylidene)amino)-2-(4-methoxyphenyl)-2,3-dihydroquinazolin-4(1H)-one (2c).



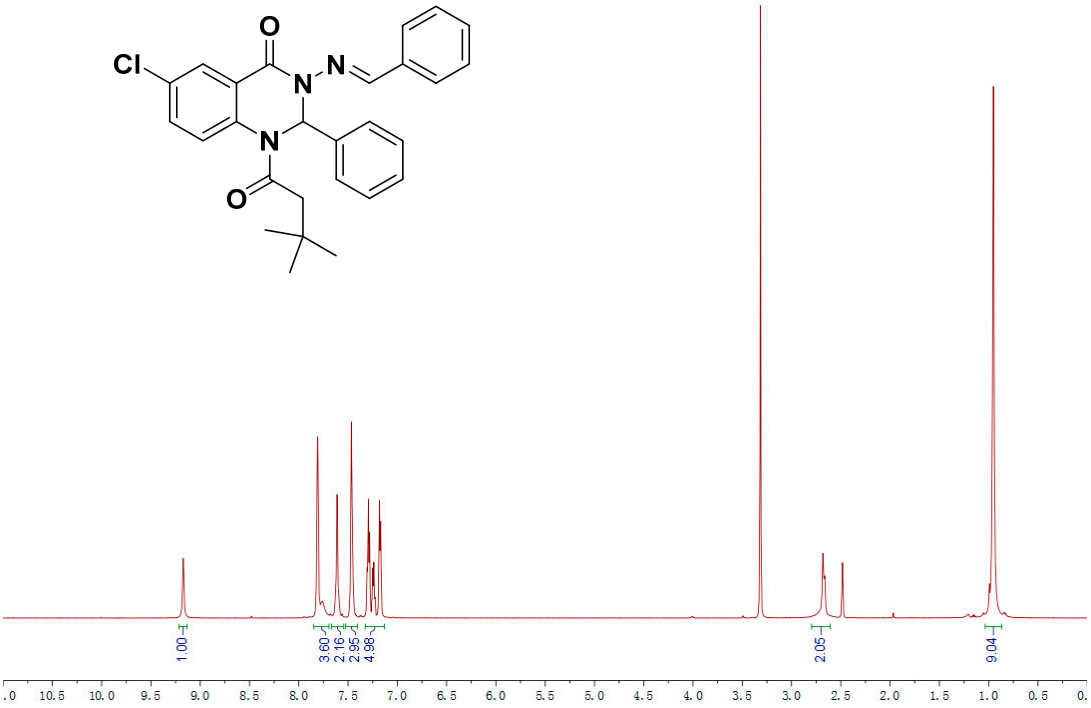
Spectrum 1.5: ^{1}H NMR spectrum of 4-(((6-chloro-2-(4-cyanophenyl)-4-oxo-1,4-dihydroquinazolin-3(2H)-yl)imino)methyl)benzonitrile (2d).



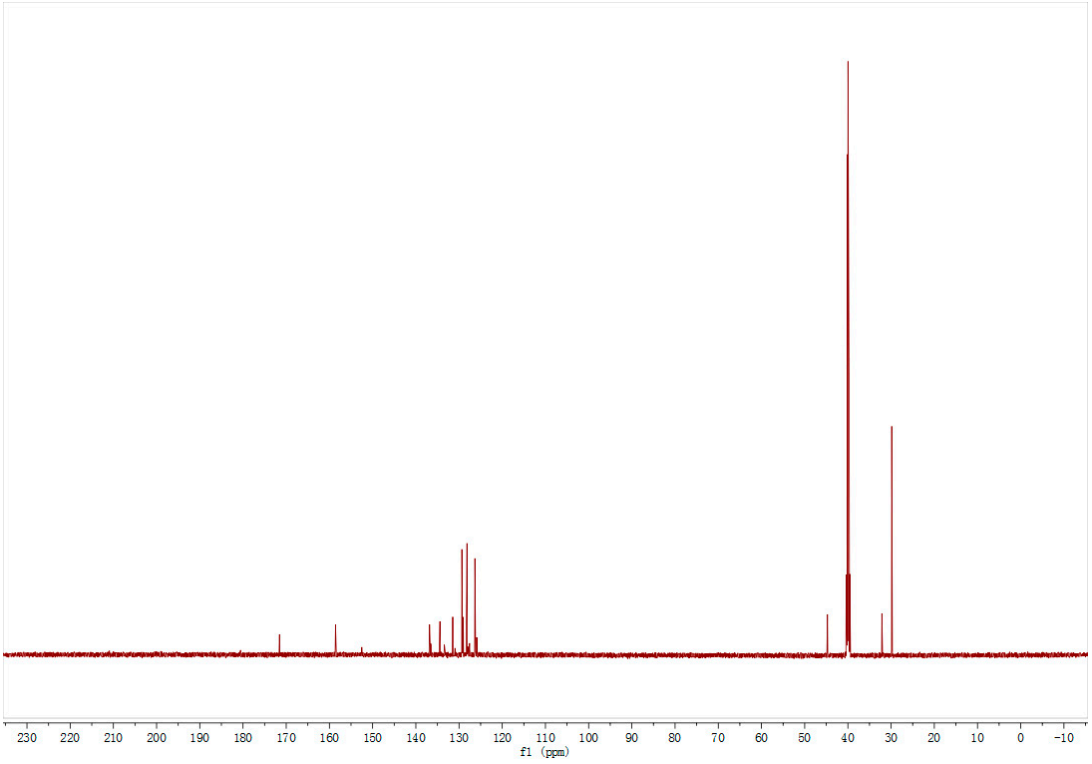
Spectrum 1.6: ^{1}H NMR spectrum of 6-chloro-3-((4-(trifluoromethyl)benzylidene) amino)-2-(4-(trifluoromethyl)phenyl)-2,3-dihydroquinazolin-4(1H)-one (2e).



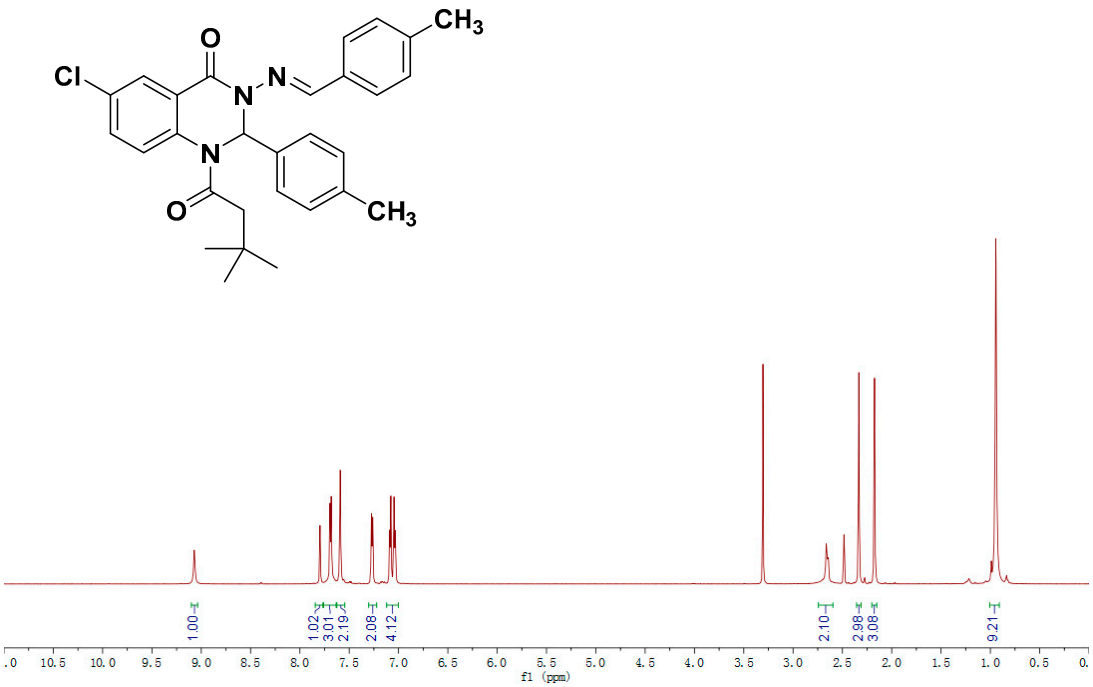
Spectrum 1.7: ^{1}H NMR spectrum of 6-chloro-3-((4-isopropylbenzylidene)amino)-2-(4-isopropylphenyl)-2,3-dihydroquinazolin-4(1H)-one (2f).



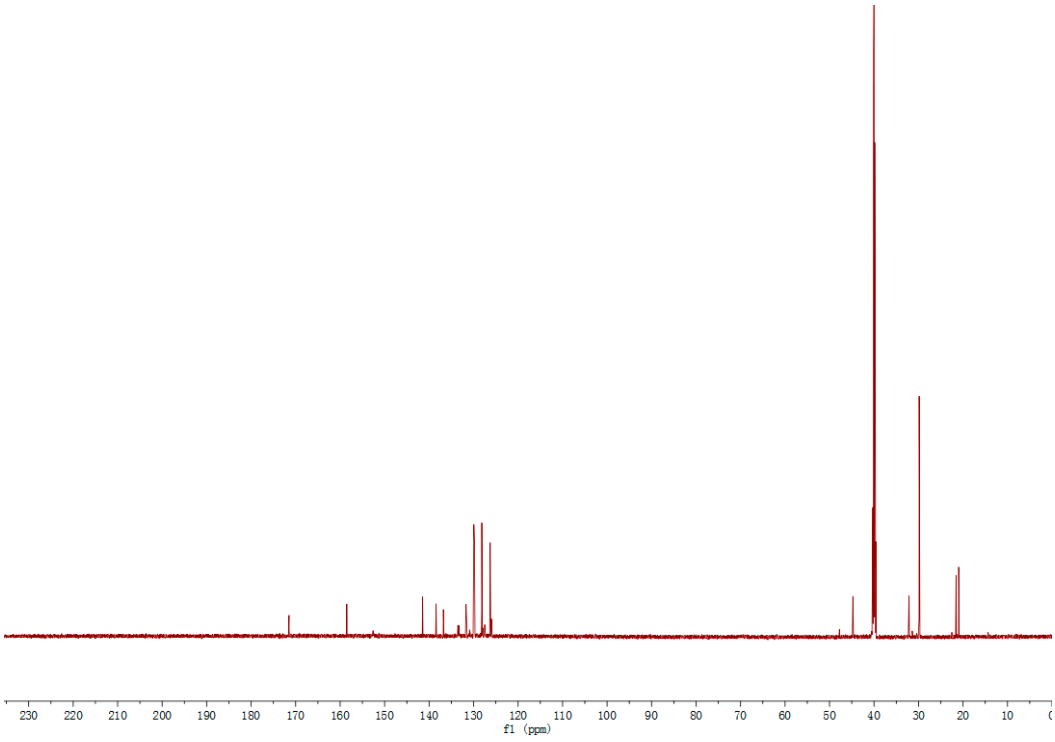
Spectrum 2.1: ^{1}H NMR spectrum of 3-(Benzylideneamino)-6-chloro-1-(3,3-dimethylbutanoyl)-2-phenyl-2,3-dihydroquinazolin-4(1H)-one (3a)



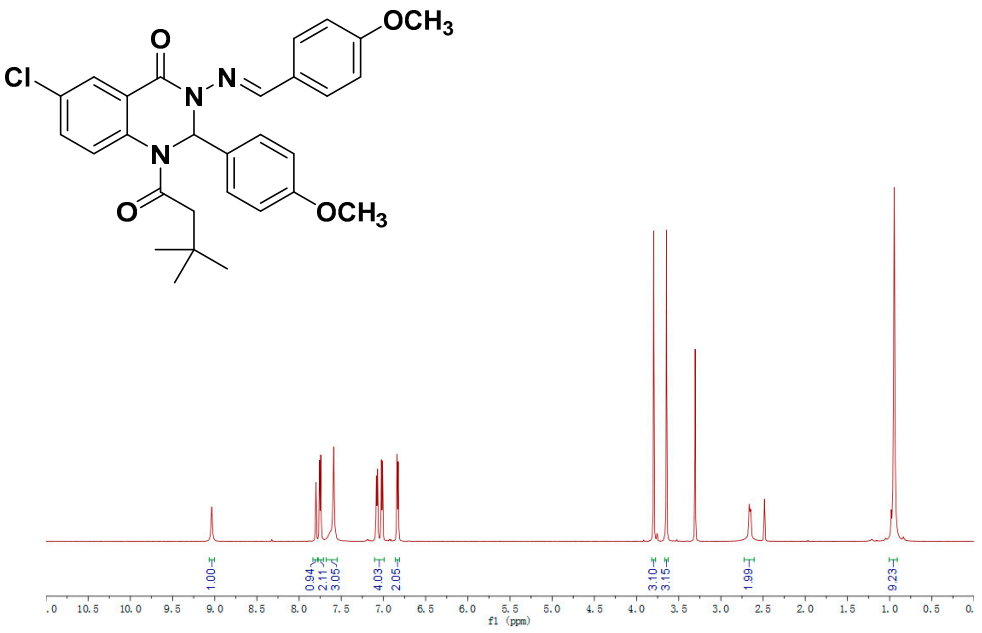
Spectrum 2.2: ^{13}C NMR spectrum of 3-(Benzylideneamino)-6-chloro-1-(3,3-dimethylbutanoyl)-2-phenyl-2,3-dihydroquinazolin-4(1H)-one (3a).



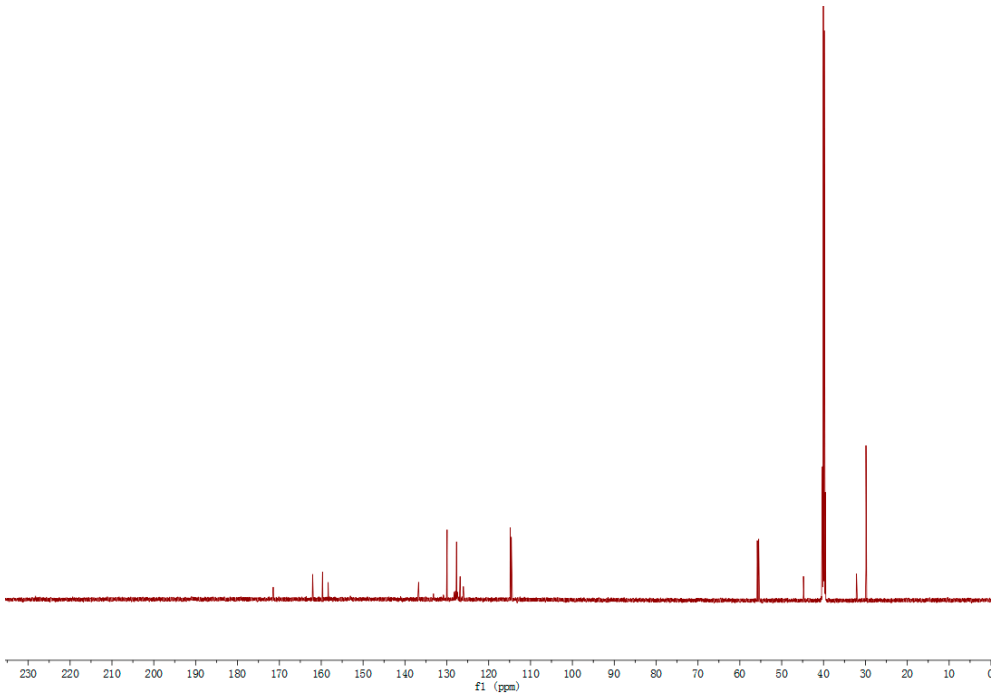
Spectrum 2.3: ^{1}H NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-methylbenzylidene)amino)-2-(p-tolyl)-2,3-dihydroquinazolin-4(1H)-one (3b)



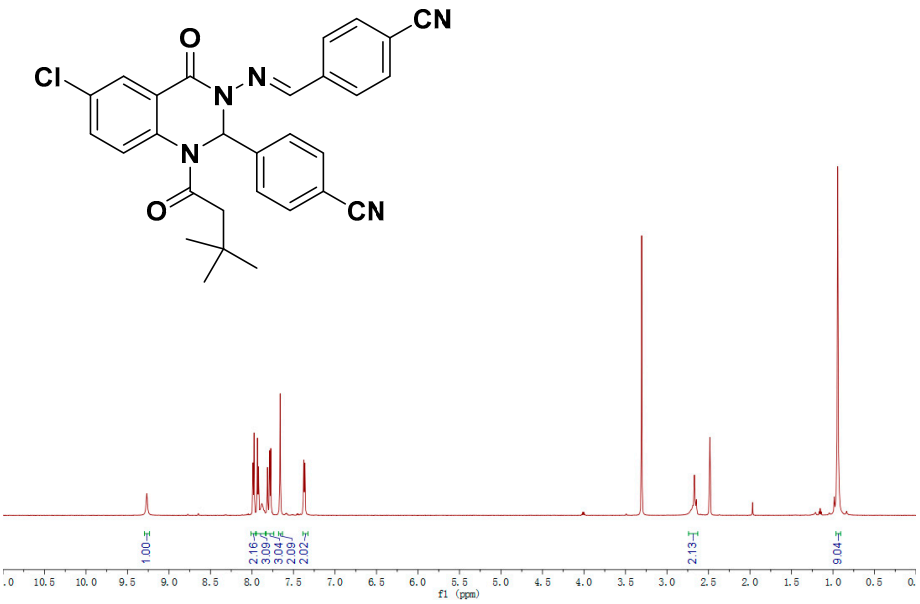
Spectrum 2.4: ^{13}C NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-methylbenzylidene)amino)-2-(p-tolyl)-2,3-dihydroquinazolin-4(1H)-one (3b)



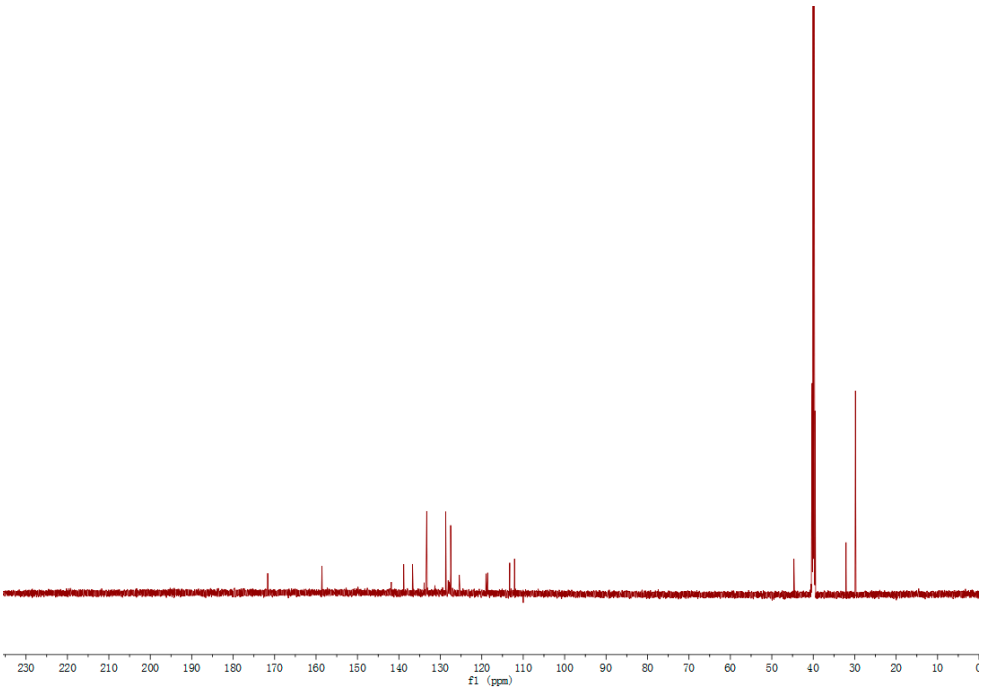
Spectrum 2.5: ^{1}H NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-methoxybenzylidene)amino)-2-(4-methoxyphenyl)-2,3-dihydroquinazolin-4(1H)-one (3c)



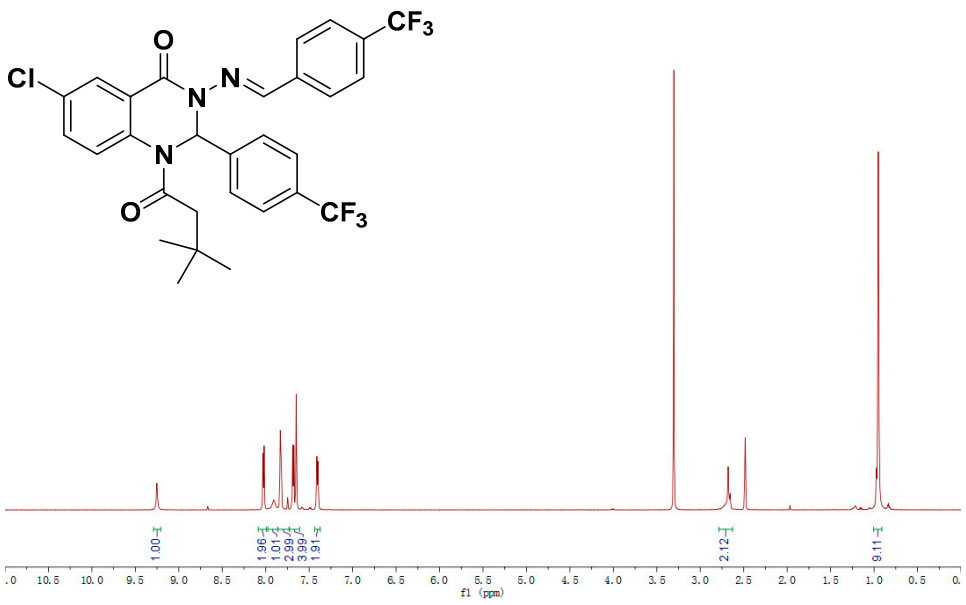
Spectrum 2.6: ^{13}C NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-methoxybenzylidene)amino)-2-(4-methoxyphenyl)-2,3-dihydroquinazolin-4(1H)-one (3c)



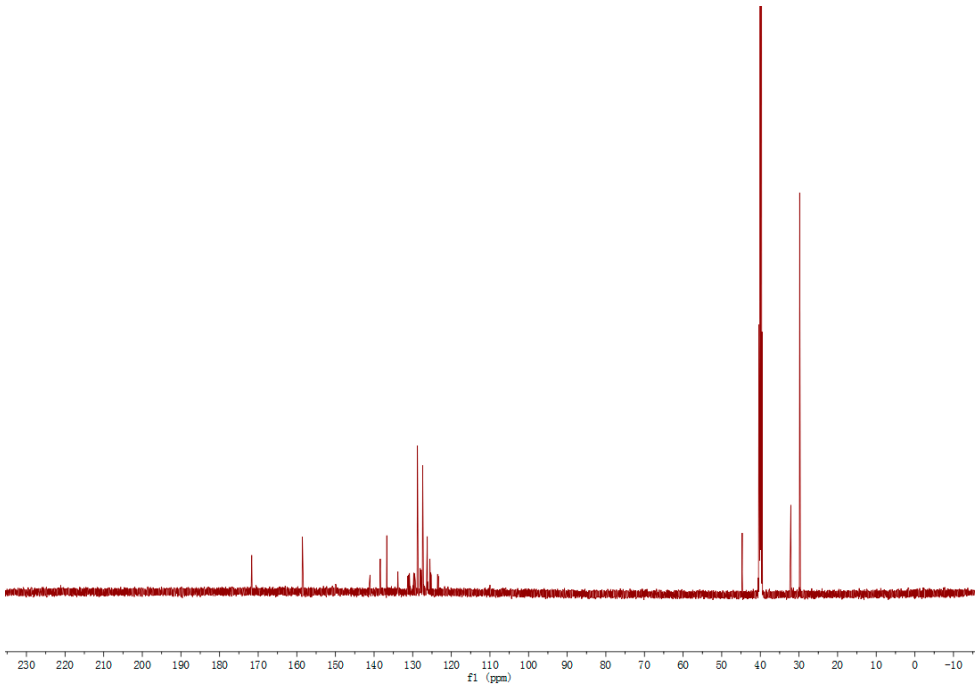
Spectrum 2.7: ^{1}H NMR spectrum of 4-(((6-chloro-2-(4-cyanophenyl)-1-(3,3-dimethylbutanoyl)-4-oxo-1,4-dihydroquinazolin-3(2H)-yl)imino)methyl)benzonitrile (3d)



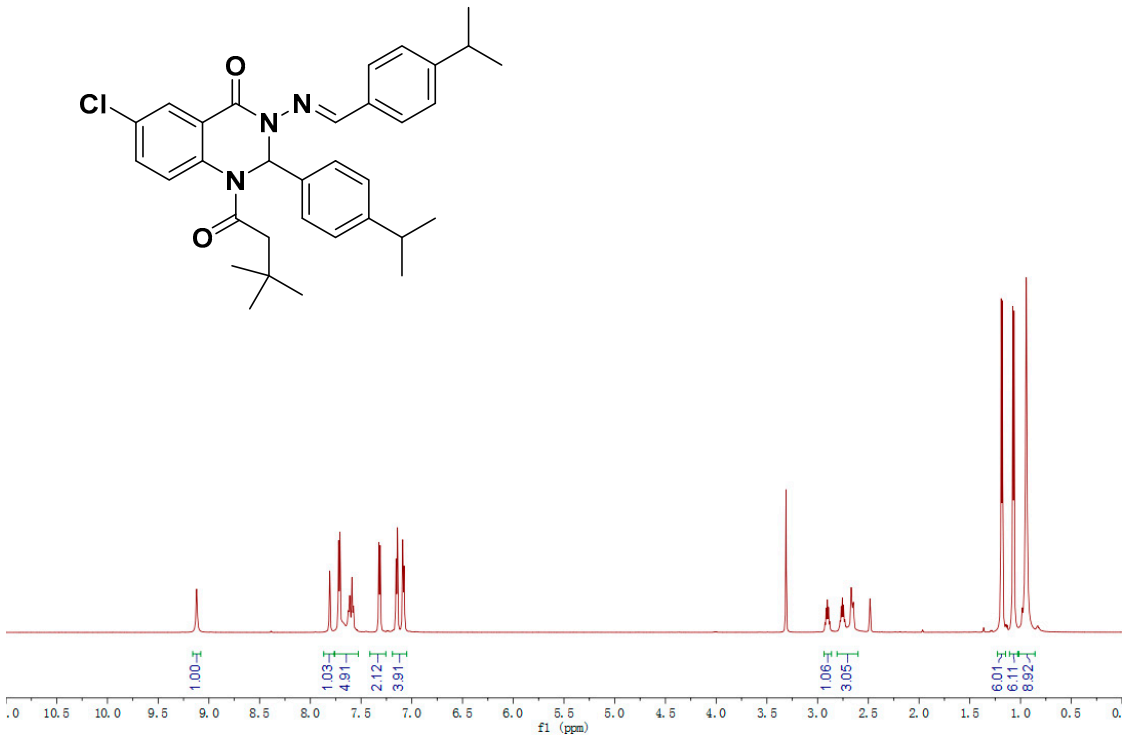
Spectrum 2.8: ^{13}C NMR spectrum of 4-(((6-chloro-2-(4-cyanophenyl)-1-(3,3-dimethylbutanoyl)-4-oxo-1,4-dihydroquinazolin-3(2H)-yl)imino)methyl)benzonitrile (3d)



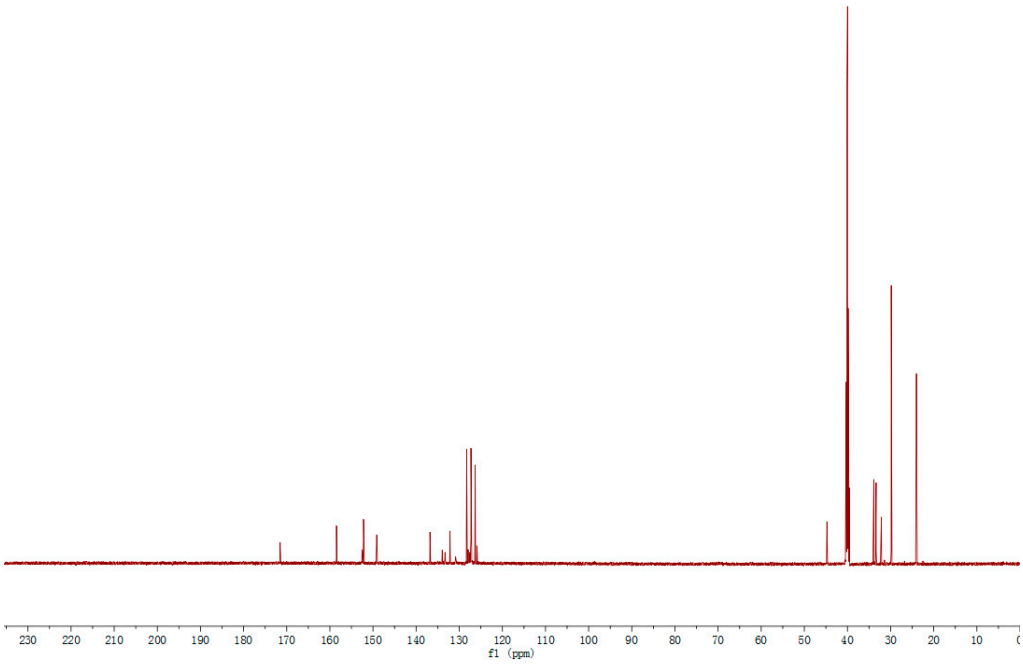
Spectrum 2.9: ^{1}H NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-(trifluoromethyl)benzylidene)amino)-2-(4-(trifluoromethyl)phenyl)-2,3-dihydroquinazolin-4(1H)-one (3e)



Spectrum 2.10: ^{13}C NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-(trifluoromethyl)benzylidene)amino)-2-(4-(trifluoromethyl)phenyl)-2,3-dihydroquinazolin-4(1H)-one (3e)



Spectrum 2.11: ^{1}H NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-isopropylbenzylidene)amino)-2-(4-isopropylphenyl)-2,3-dihydroquinazolin-4(1H)-one (3f)



Spectrum 2.12: ^{13}C NMR spectrum of 6-chloro-1-(3,3-dimethylbutanoyl)-3-((4-isopropylbenzylidene)amino)-2-(4-isopropylphenyl)-2,3-dihydroquinazolin-4(1H)-one (3f)