

Synthesis of 4-methyl-N'-(3-alkyl-2r, 6c-diarylpiperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazides with antioxidant, antitumour and antimicrobial activity

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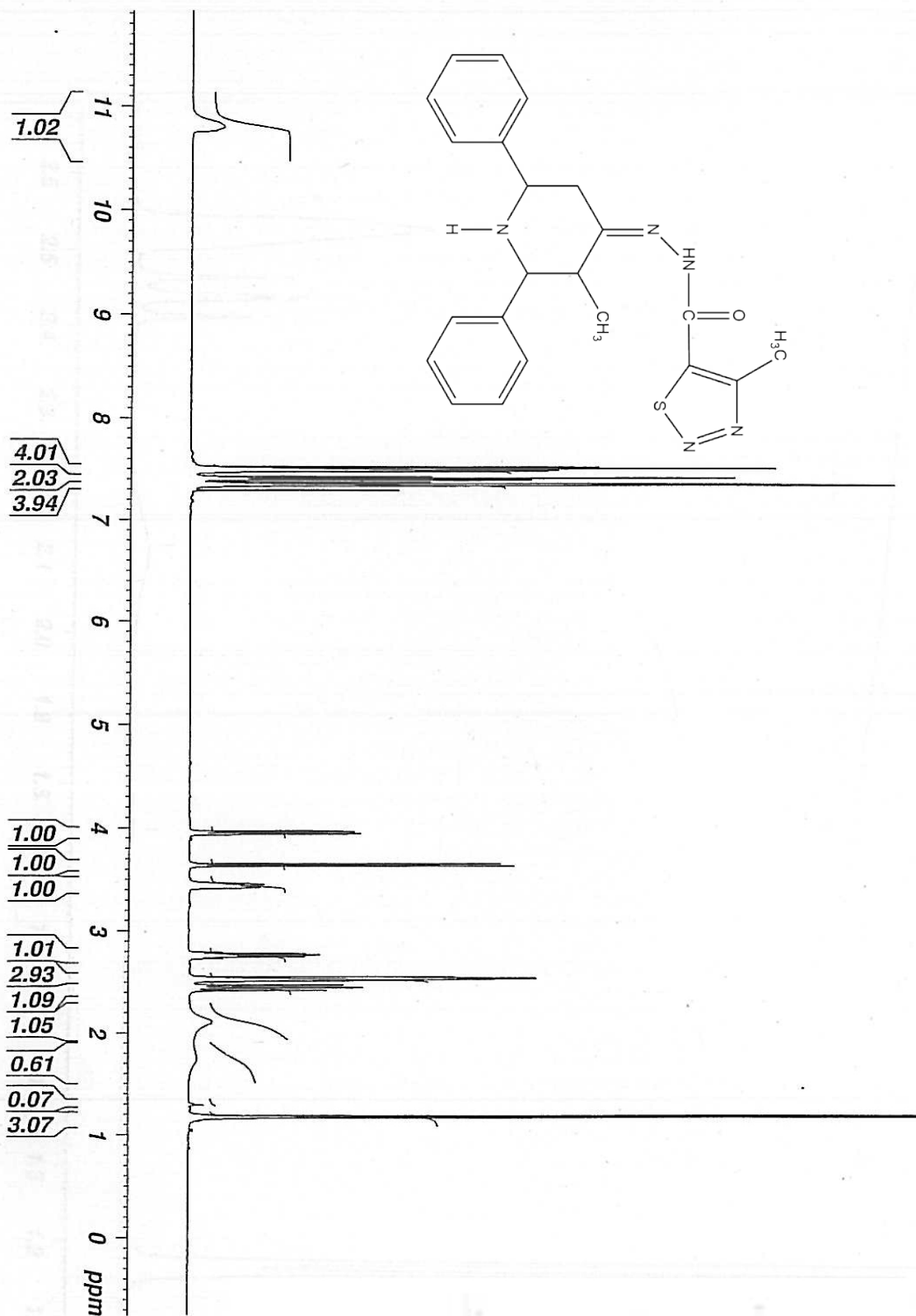
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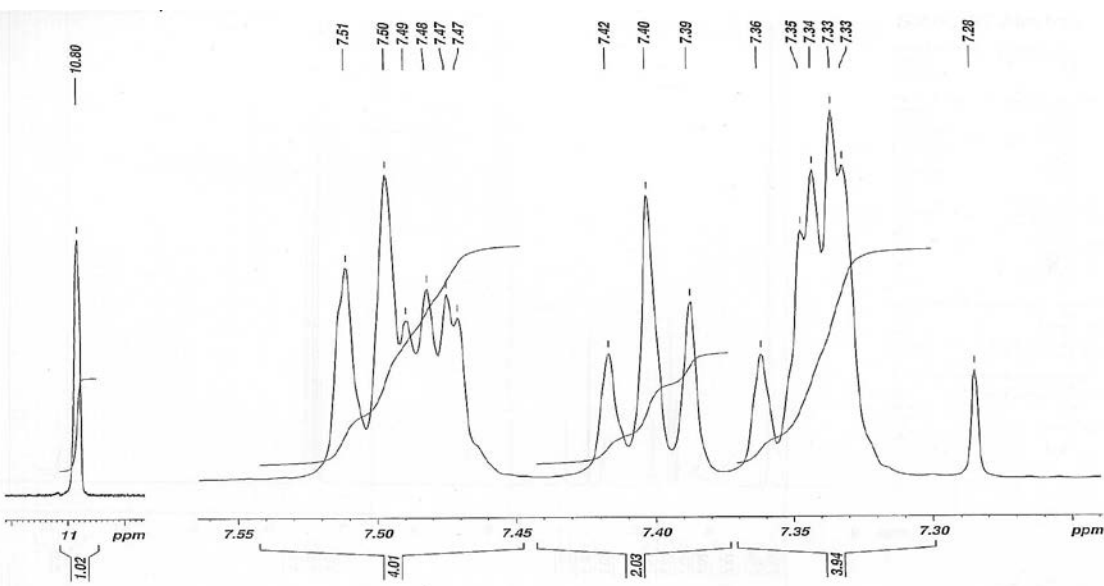
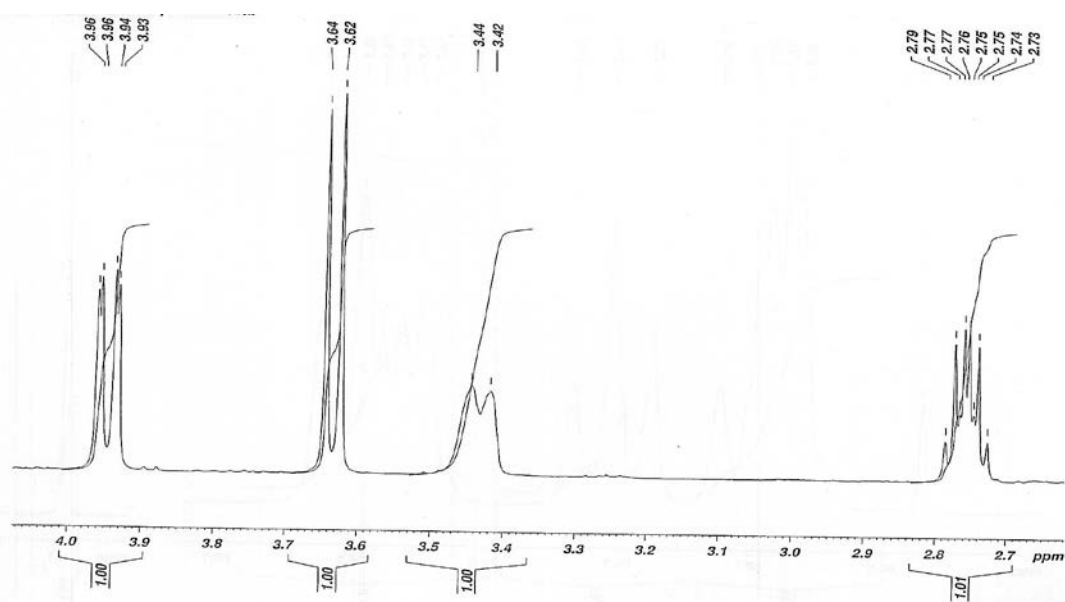
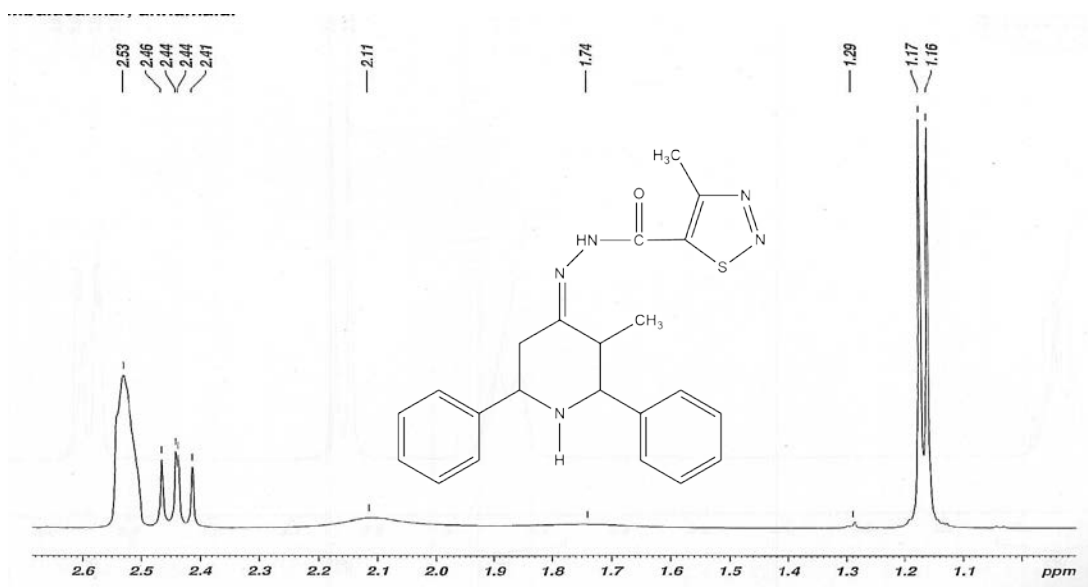
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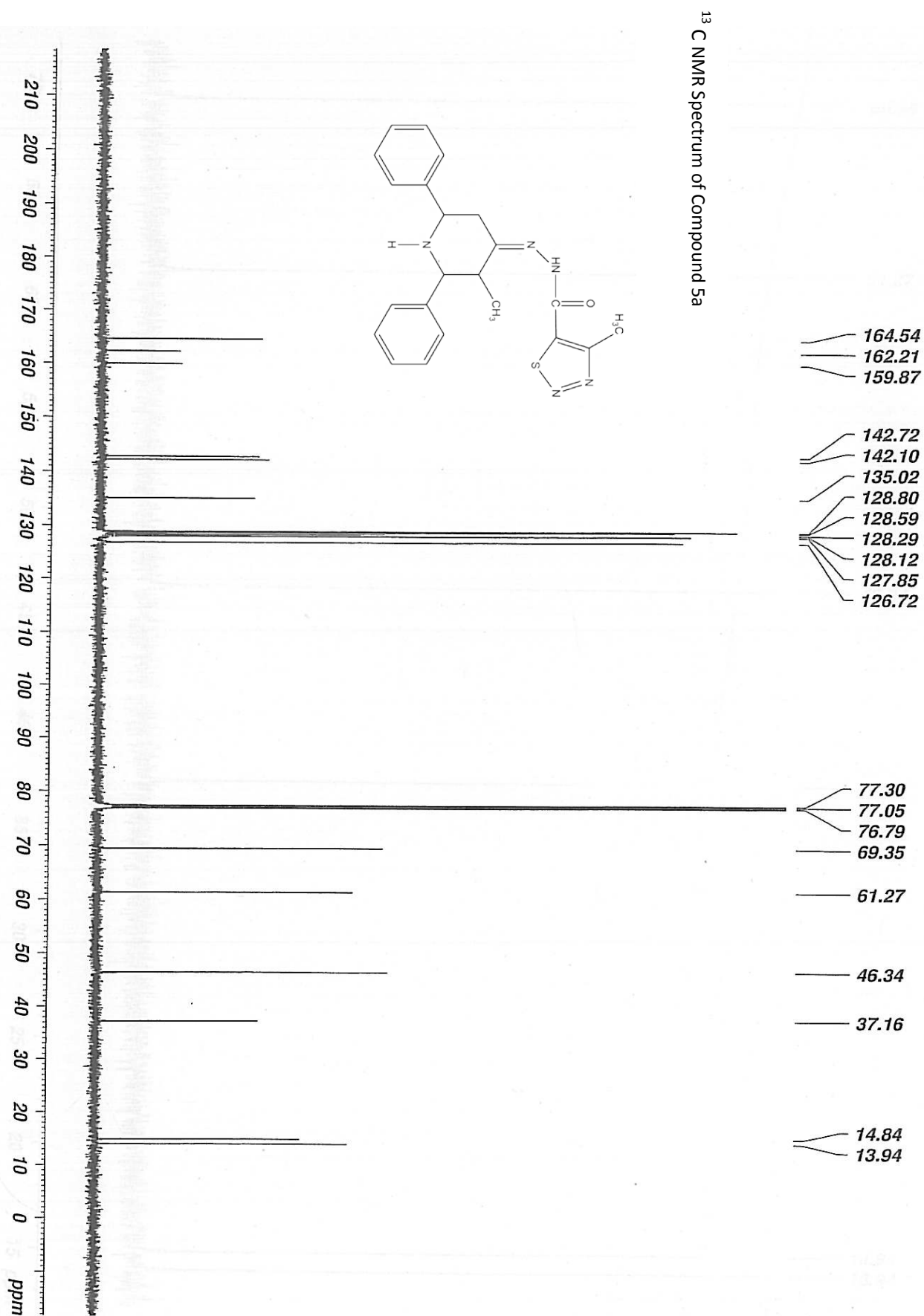
¹H NMR Spectrum of 4-Methyl-N'-(3-methyl-2,6-diaryl-1-piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)



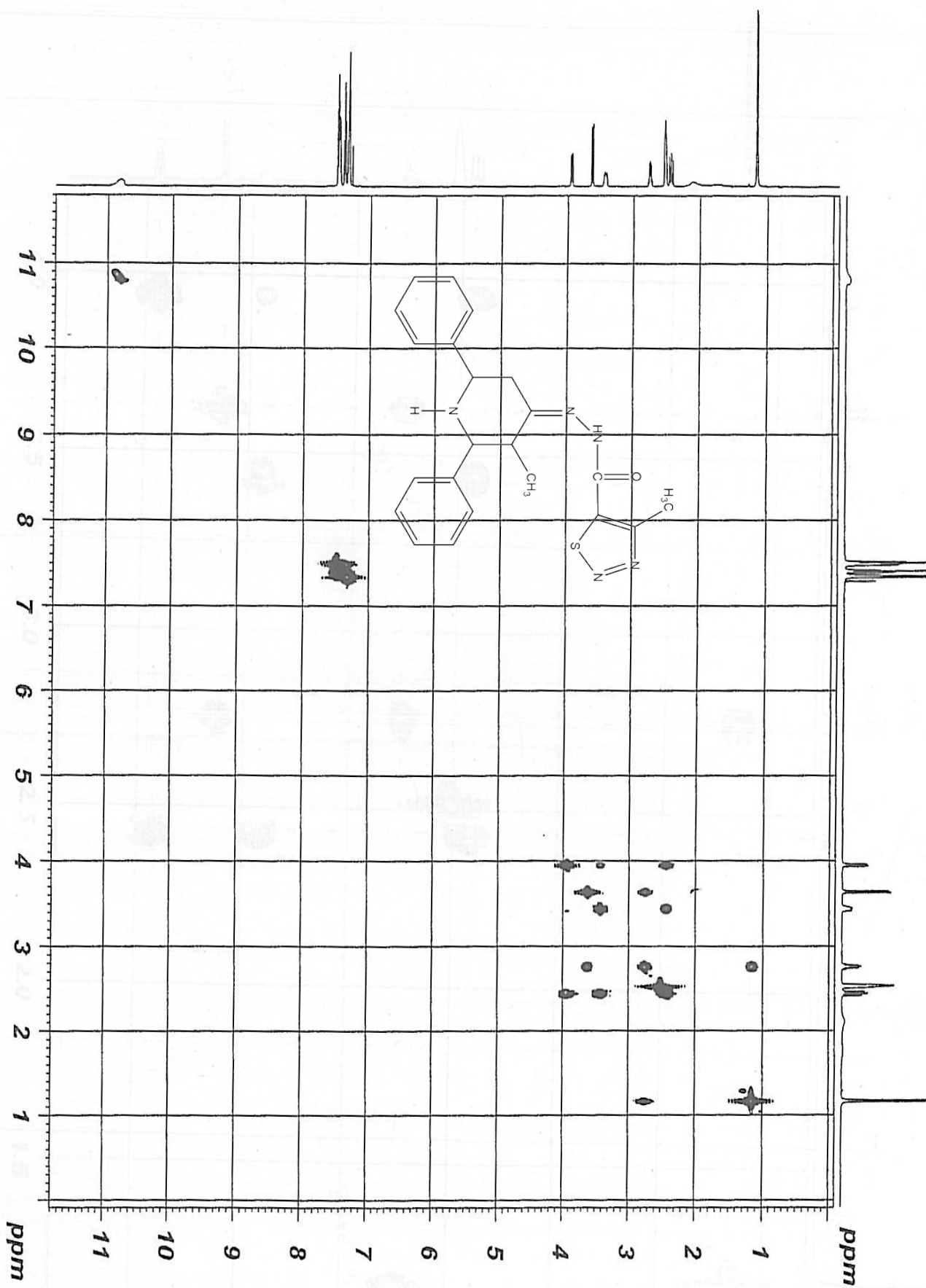
¹H NMR Spectrum Expansion of 4-Methyl-N'-(3-methyl-2r,6c-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)



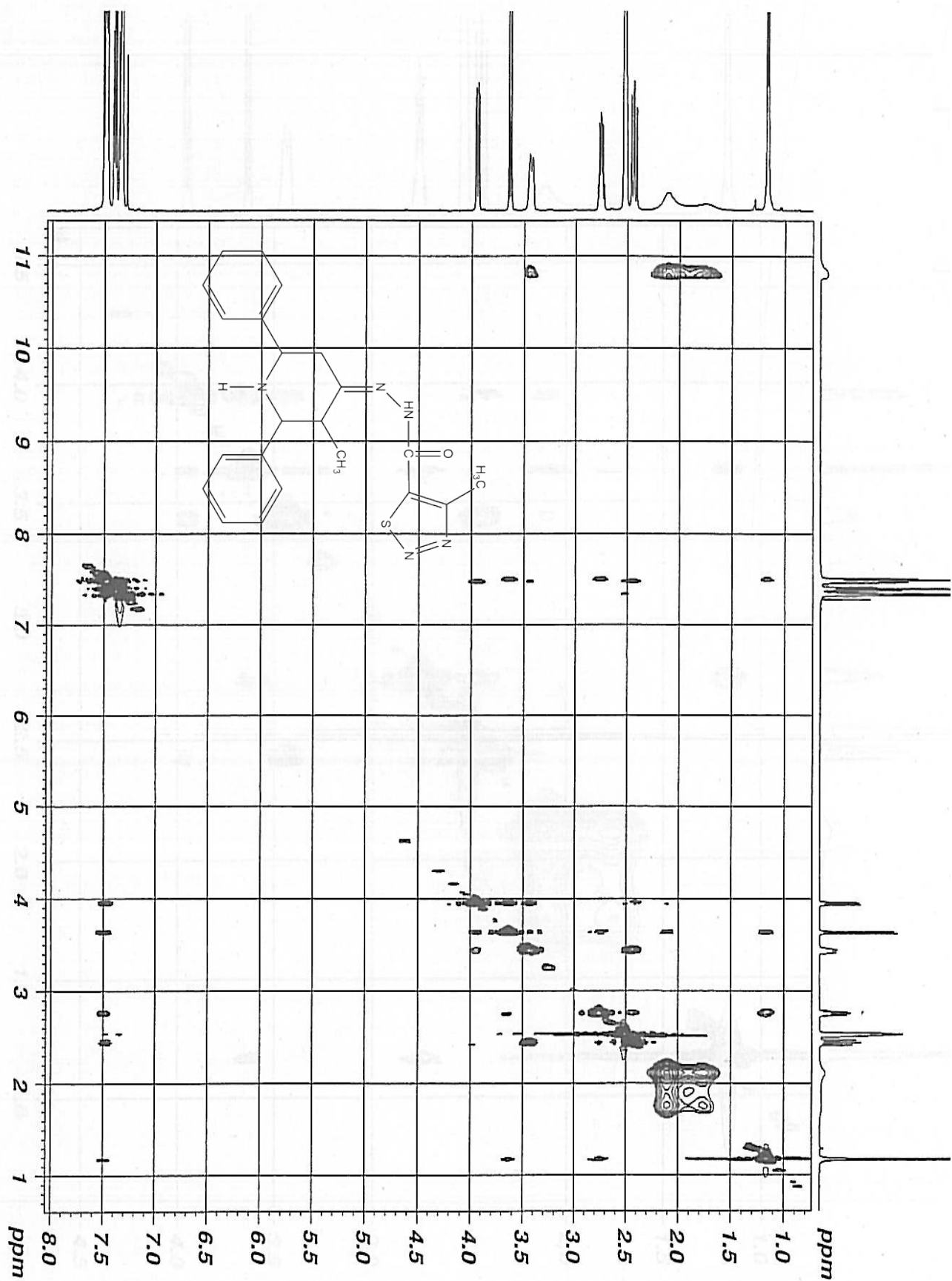
¹³ C NMR Spectrum of 4-Methyl-N'-(3-methyl-2i,6c-diarylpiiperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)



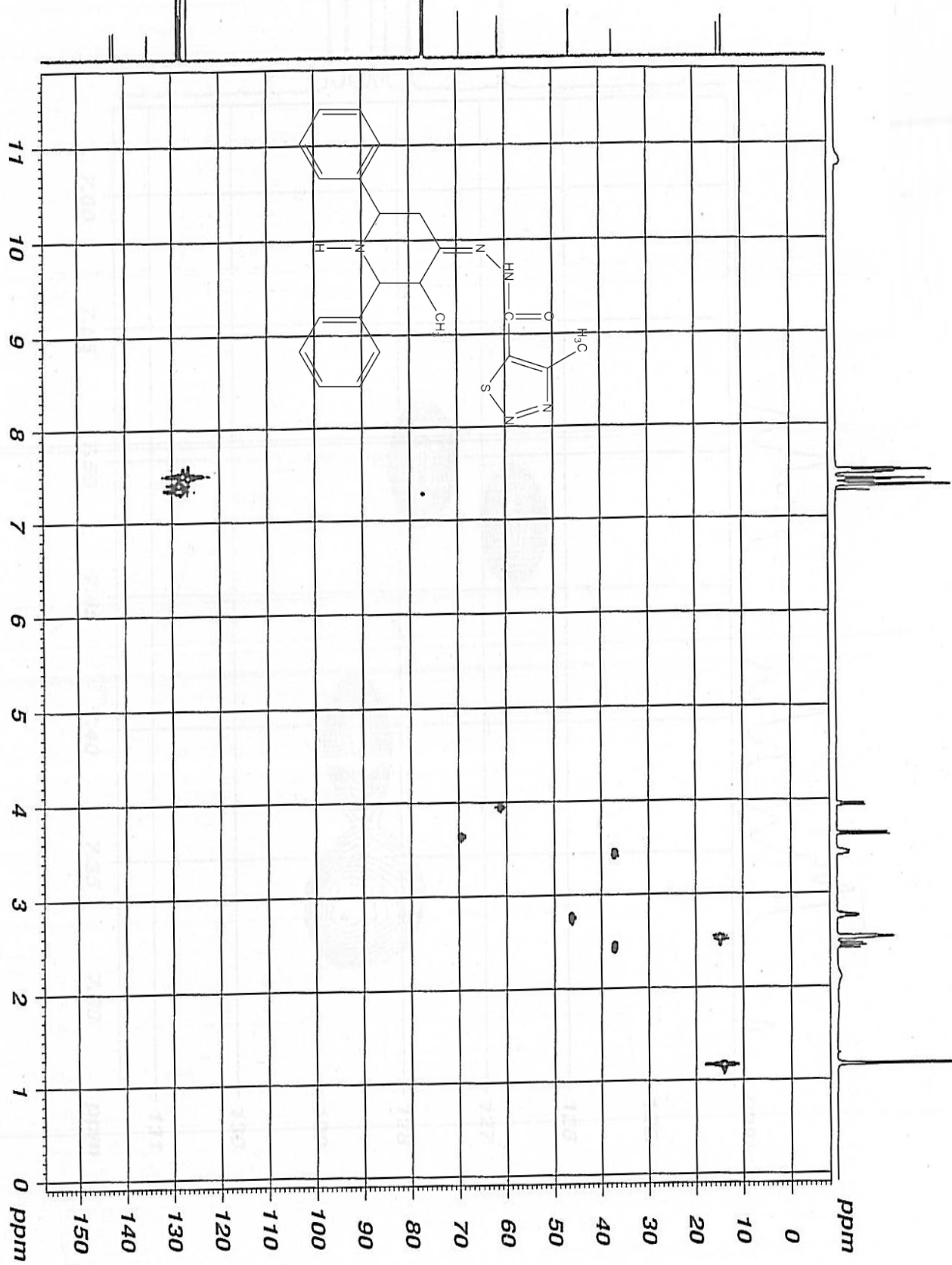
^1H - ^1H COSY NMR Spectrum of 4-Methyl-N'-(3-methyl-2i,6c-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)



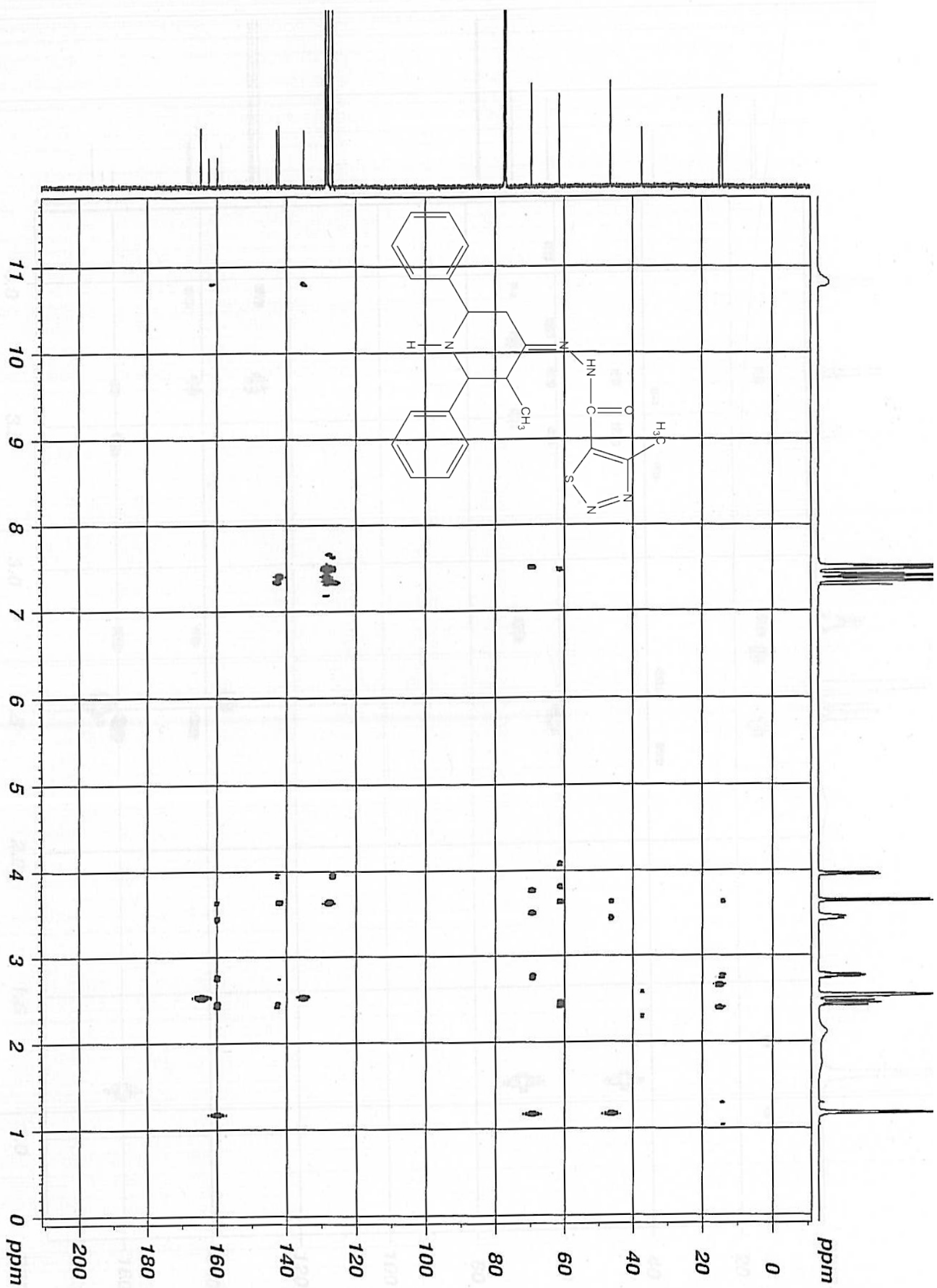
^1H - ^1H NOESY NMR Spectrum of 4-Methyl-N'-(3-methyl-2r,6c-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)



HSQC NMR Spectrum of 4-Methyl-N'-(3-methyl-2r,6c-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)

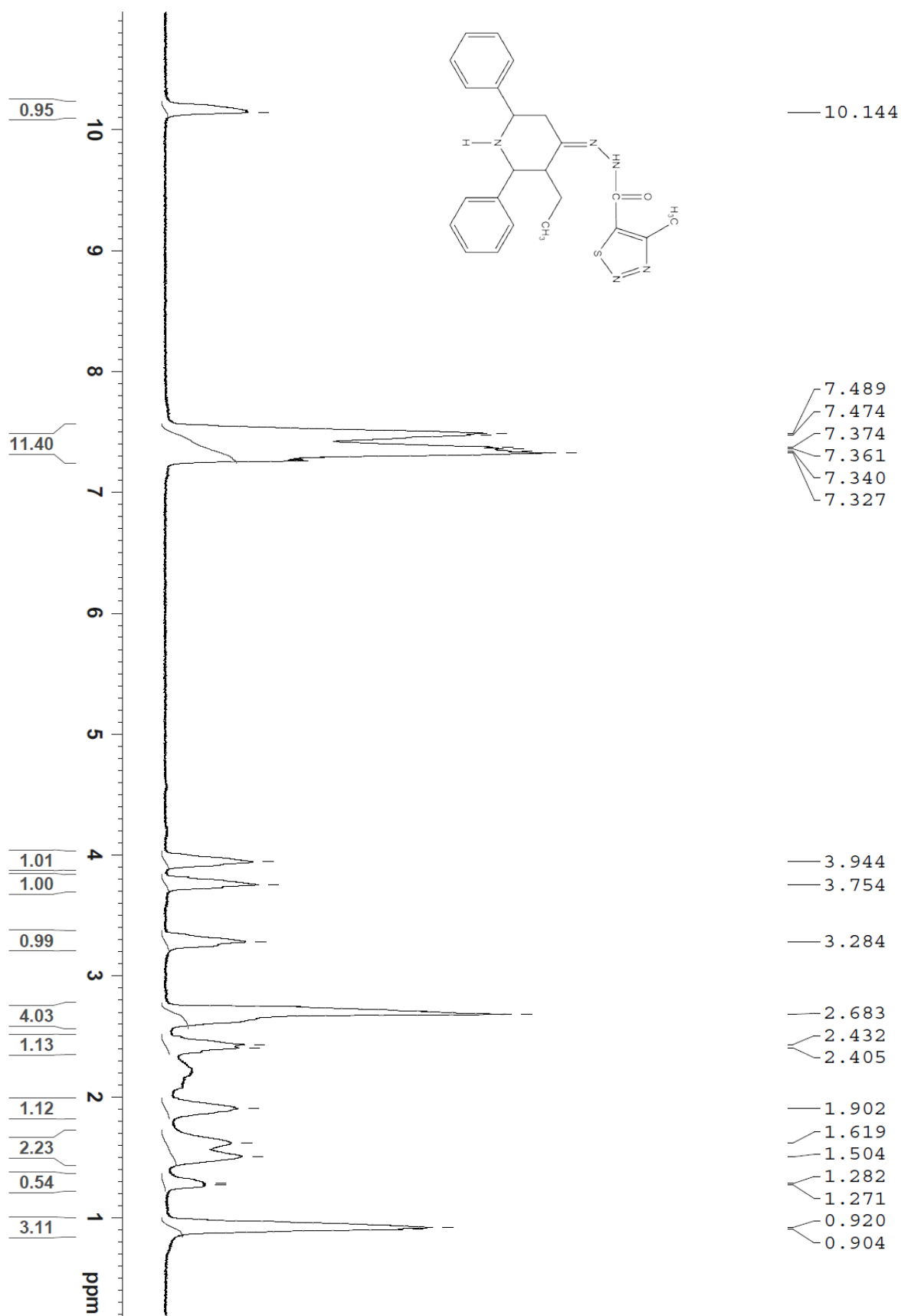


HMBC NMR Spectrum of 4-Methyl-N'-(3-methyl-2,6-diaryl(piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5a)



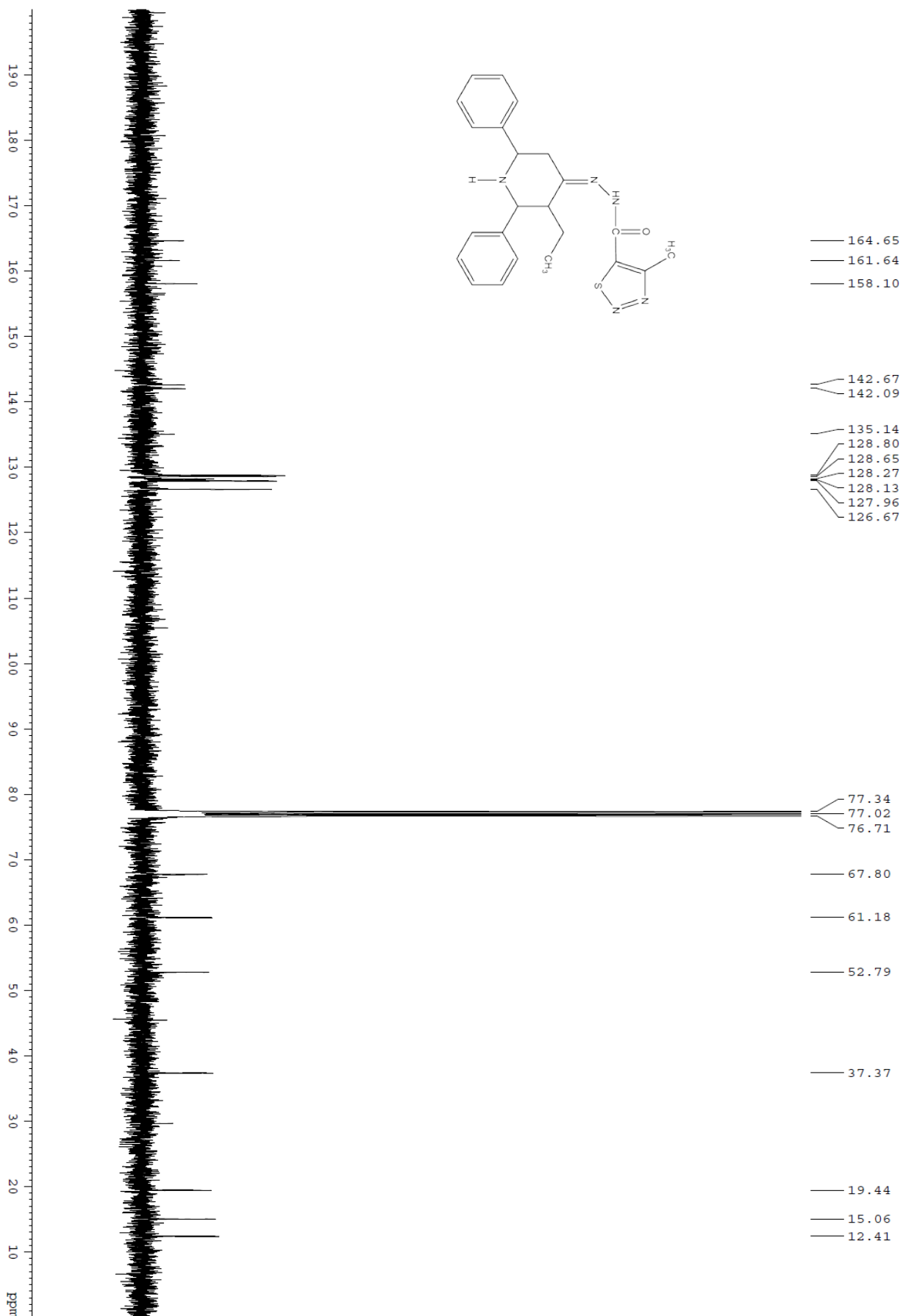
¹H NMR Spectrum of 4-Methyl-N'-(3-ethyl-2,6-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5g)

kpstwod

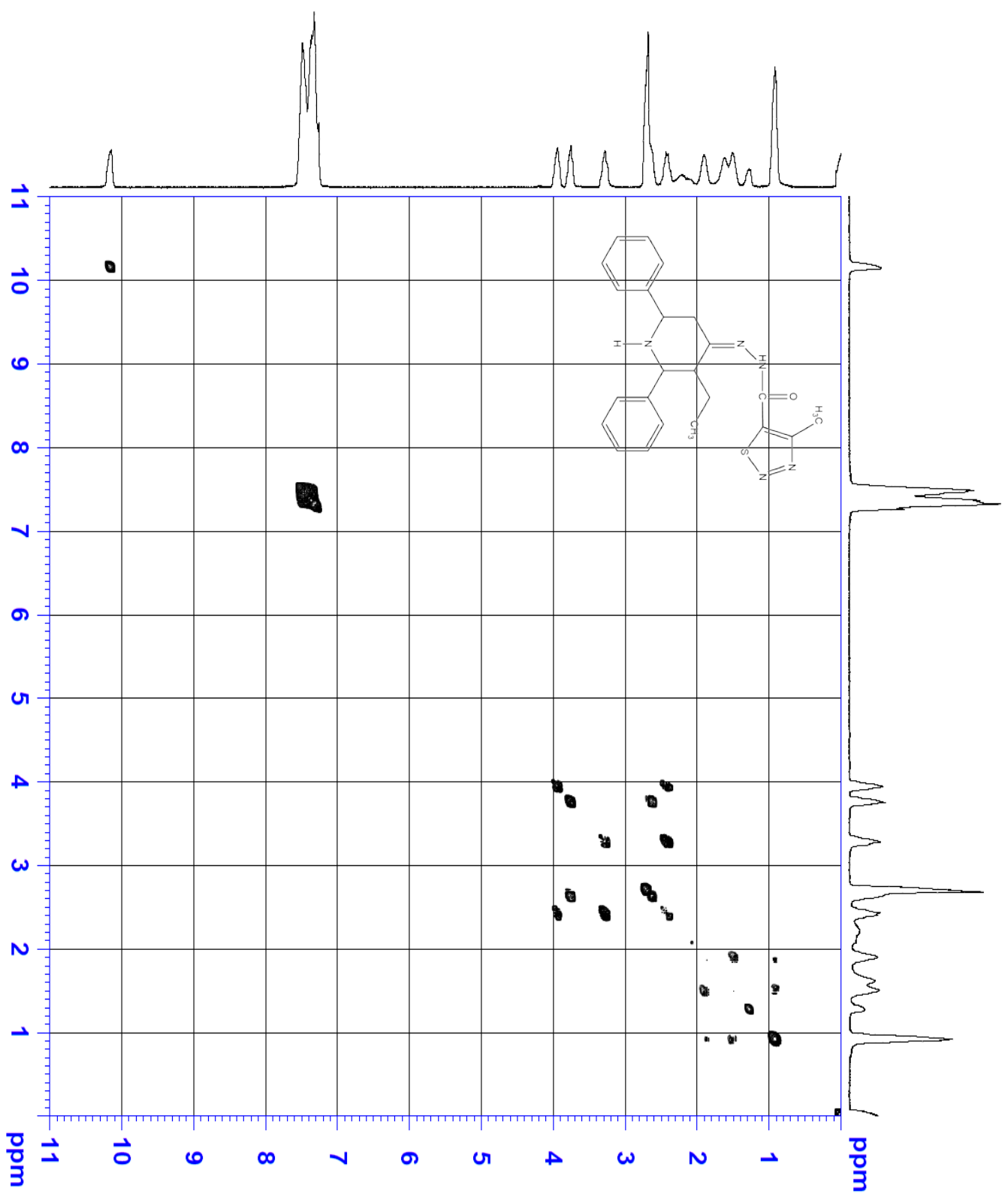


¹³C NMR Spectrum of 4-Methyl-N'-(3-ethyl-2*r*,6*c*-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5g)

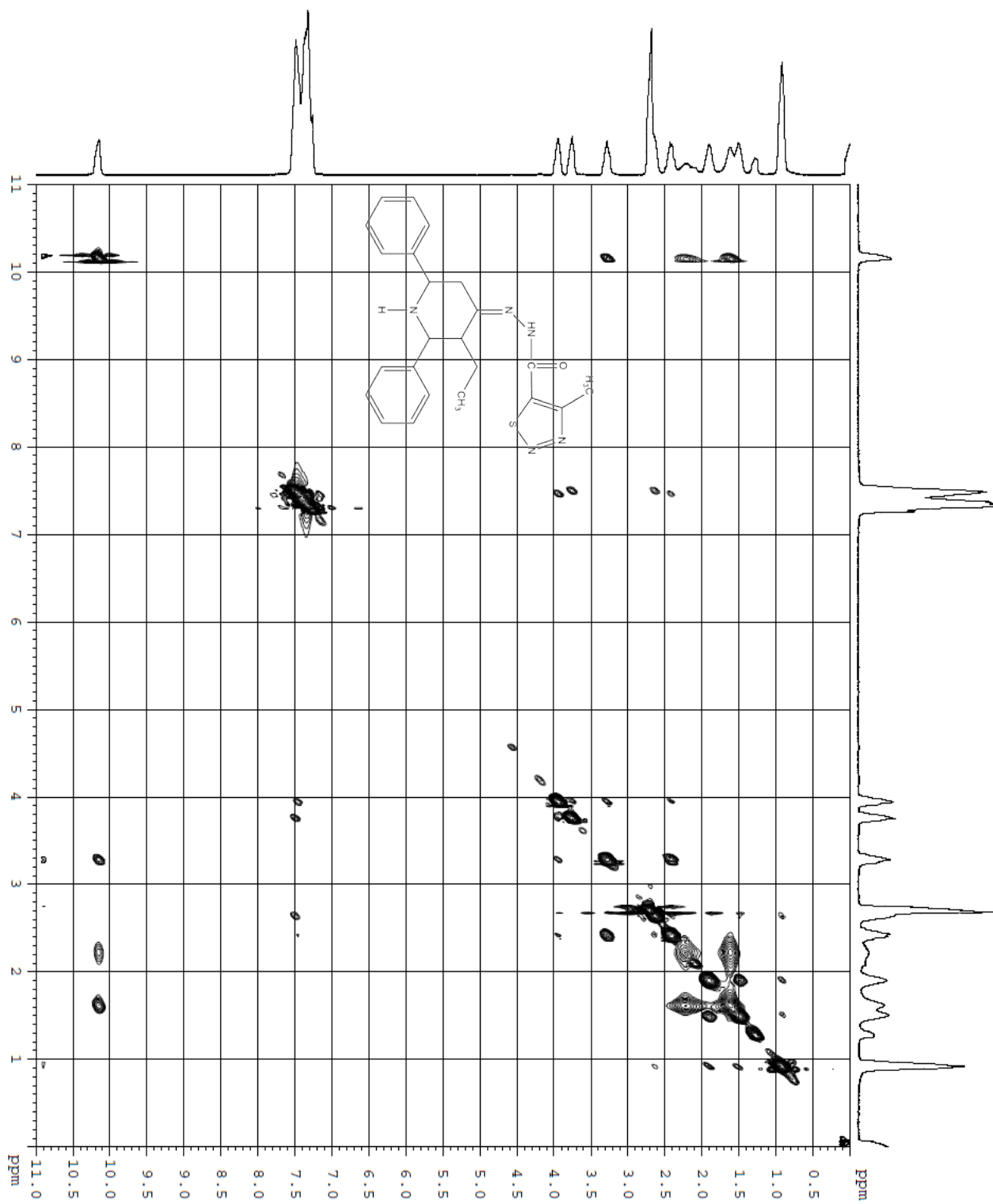
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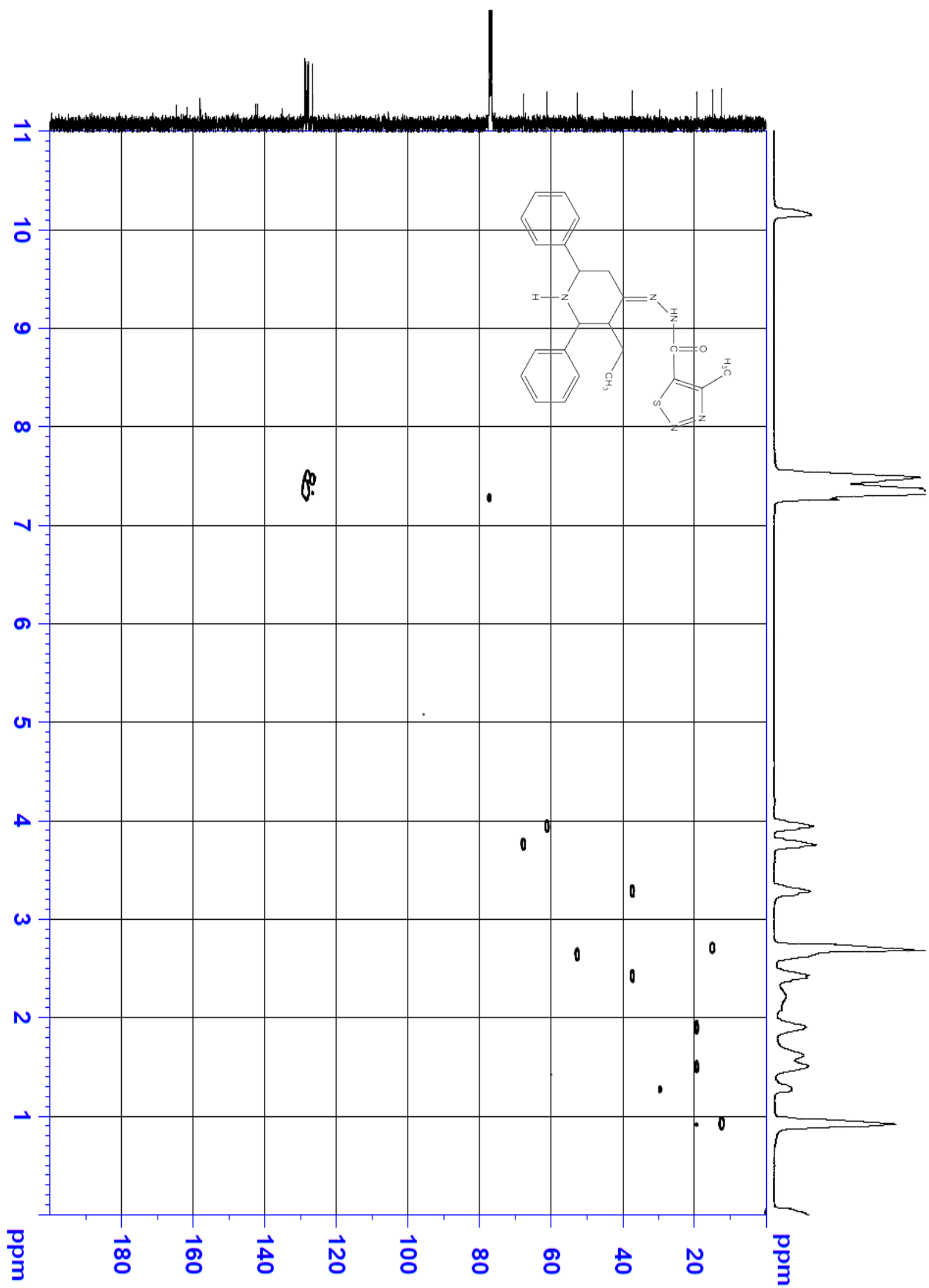
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HSQC NMR Spectrum of 4-Methyl-N'-(3-ethyl-2r,6c-diaryl)piperidin-4-ylidene)-1,2,3-thiadiazole-5-carbohydrazide (5g)



HMBC NMR Spectrum of 4-Methyl-N-(3-ethyl-2r,6c-diarylpiperidin-4-ylidene)-1,2,3-thiadiazole-5-carbonyldrazide (5g)

