

Supporting information

Synthesis and studies of electrochemical properties of lophine derivatives

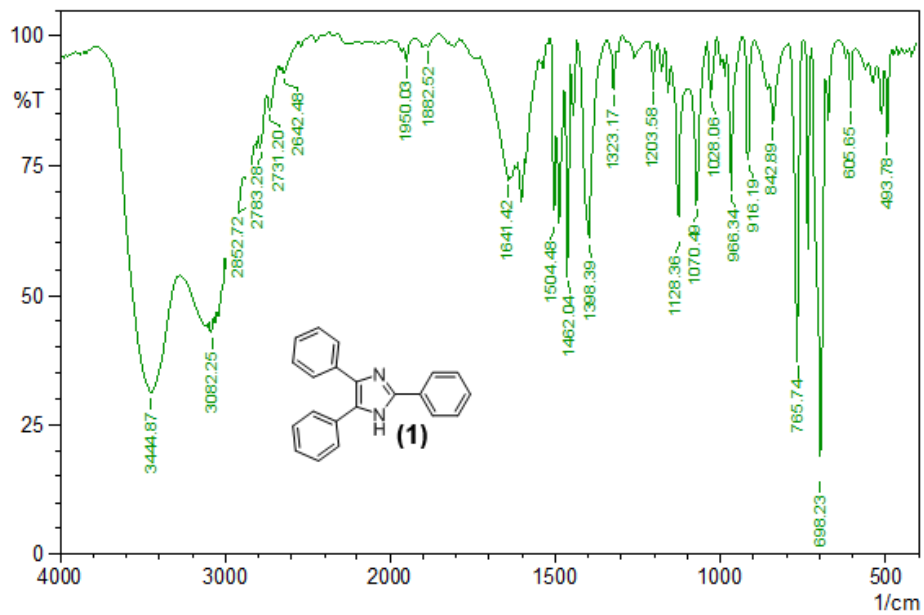
A. Hariharasubramanian^a, Y. Dominic Ravichandran^{*a}

^aOrganic Chemistry Division, School of Advanced Sciences, VIT University, Vellore-632014,
Tamilnadu, India.

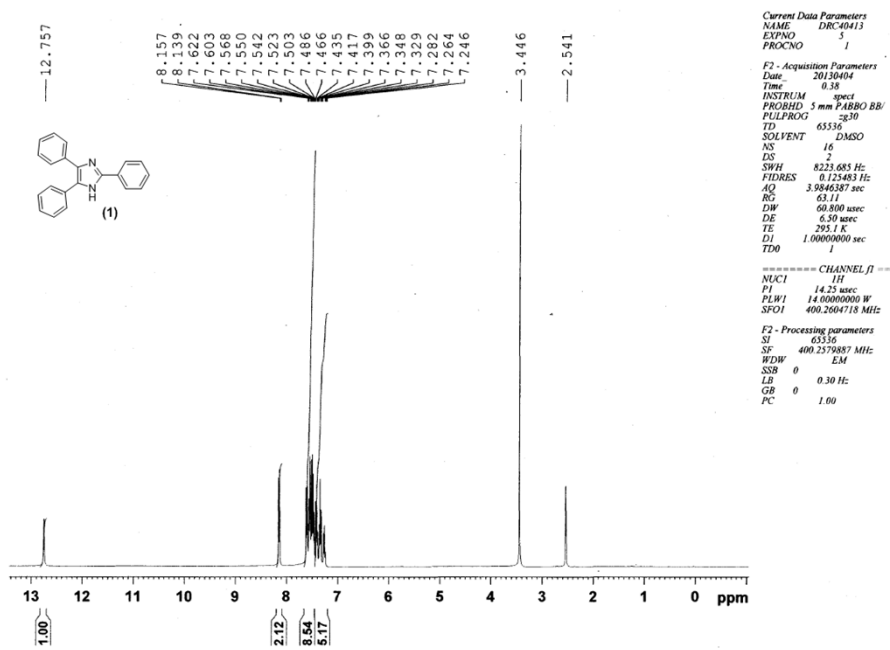
¹ Corresponding author: Fax: +91-416-2243092, +91-416-2245766

E-mail address: ydominic64@yahoo.co.in

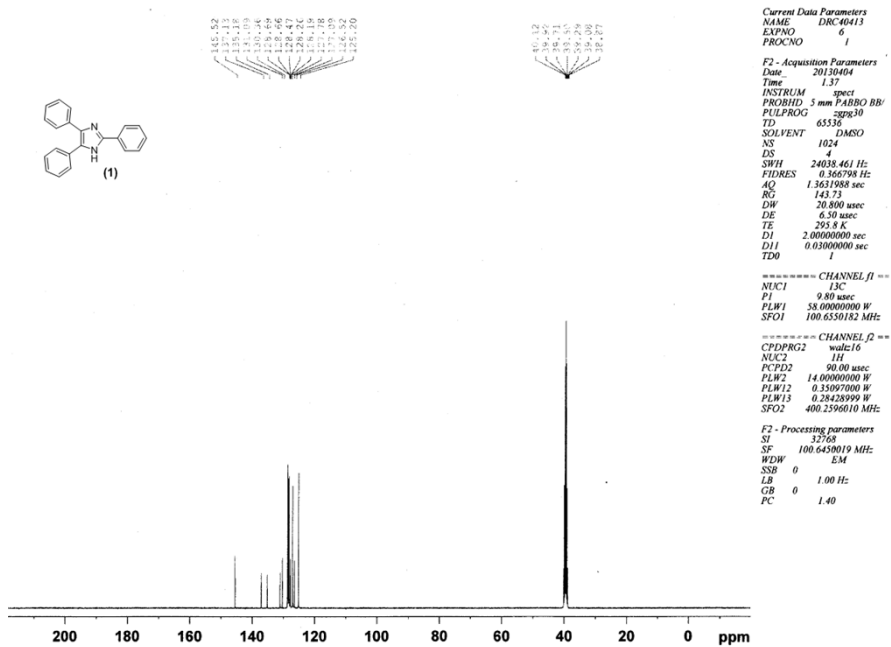
IR spectra of 2,4,5-triphenyl-1H-imidazole



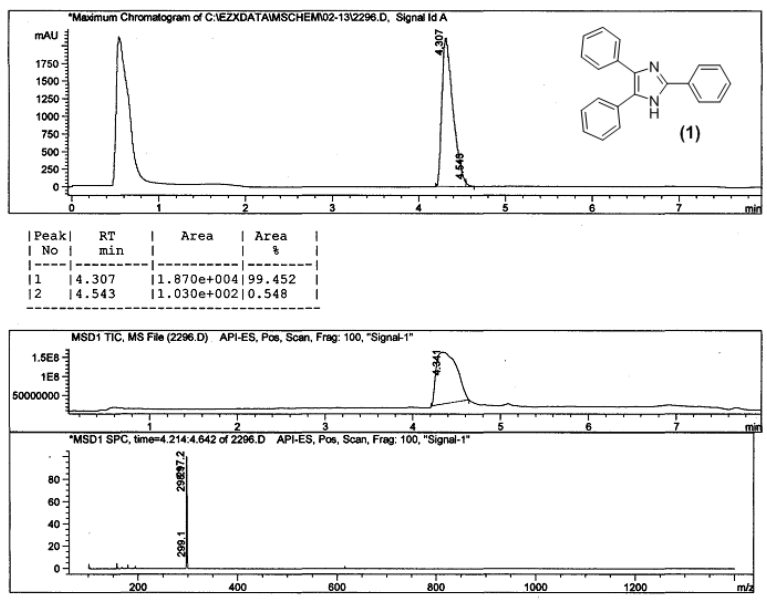
¹H NMR of 2,4,5-triphenyl-1H-imidazole



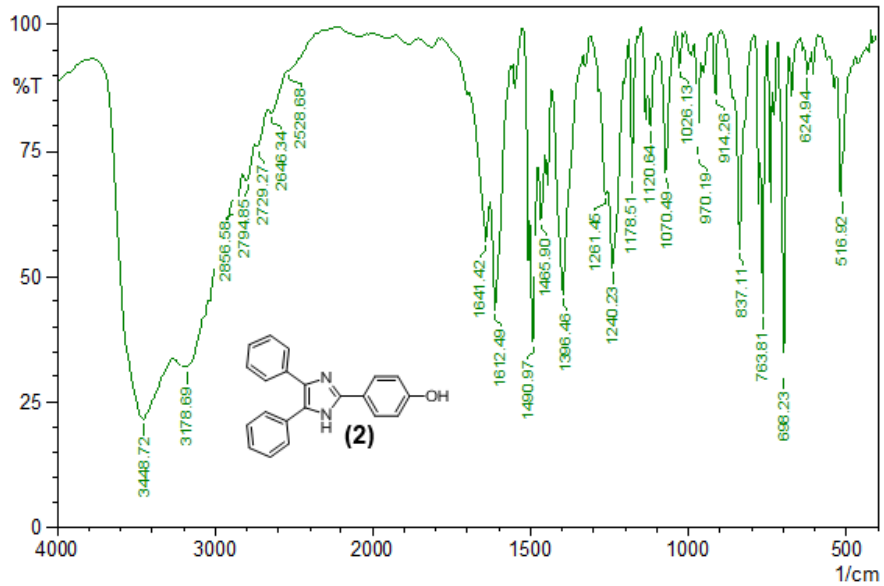
¹³C NMR of 2,4,5-triphenyl-1H-imidazole



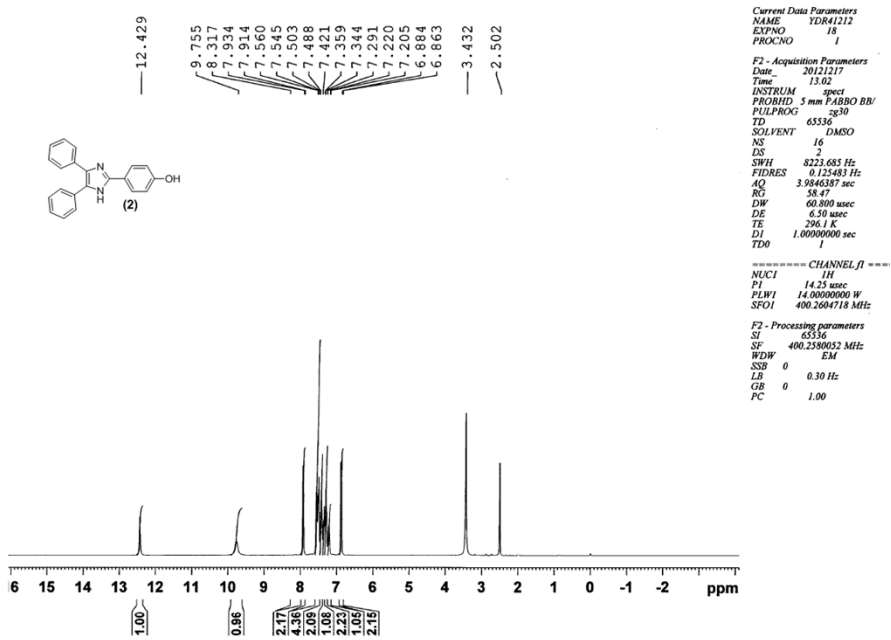
LC-MS of 2,4,5-triphenyl-1H-imidazole



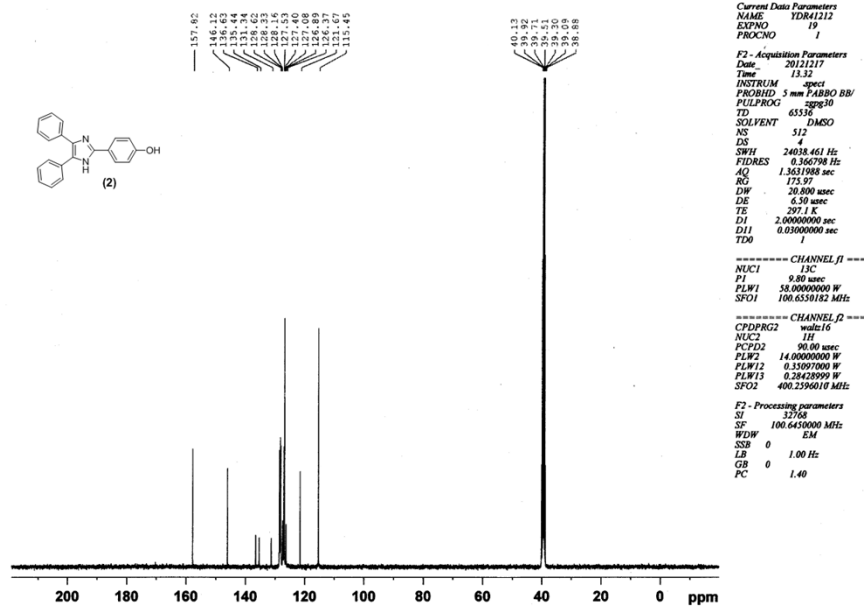
IR spectra of 4-(4,5-diphenyl-1H-imidazol-2-yl)phenol



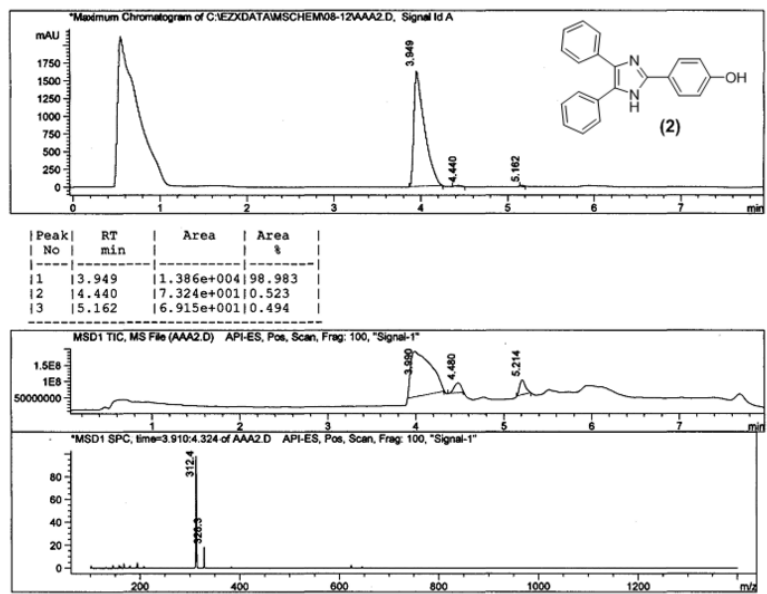
¹H NMR of 4-(4,5-diphenyl-1H-imidazol-2-yl)phenol



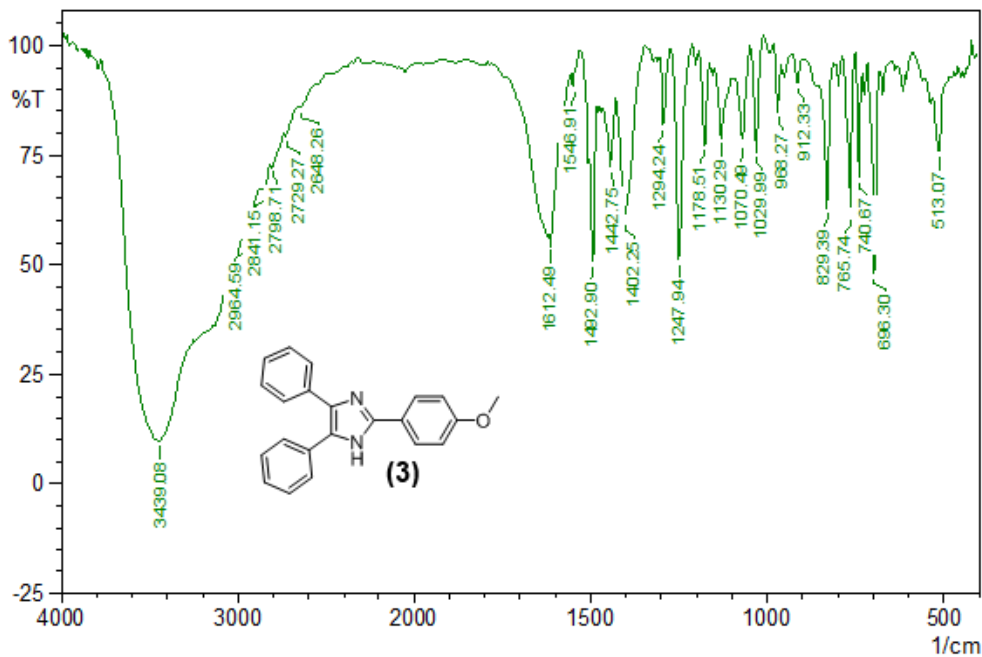
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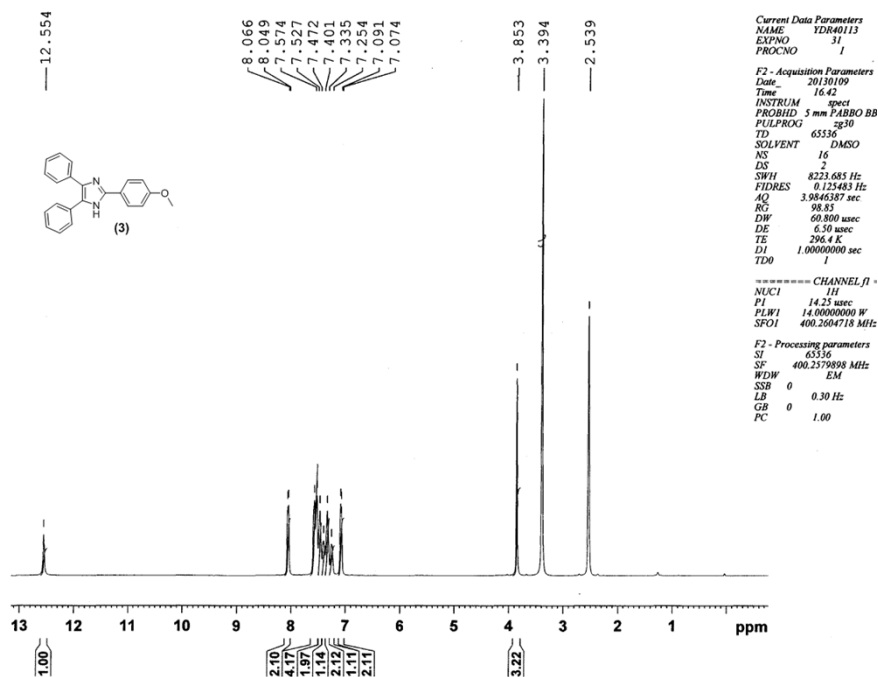
LC-MS of 4-(4,5-diphenyl-1H-imidazol-2-yl)phenol



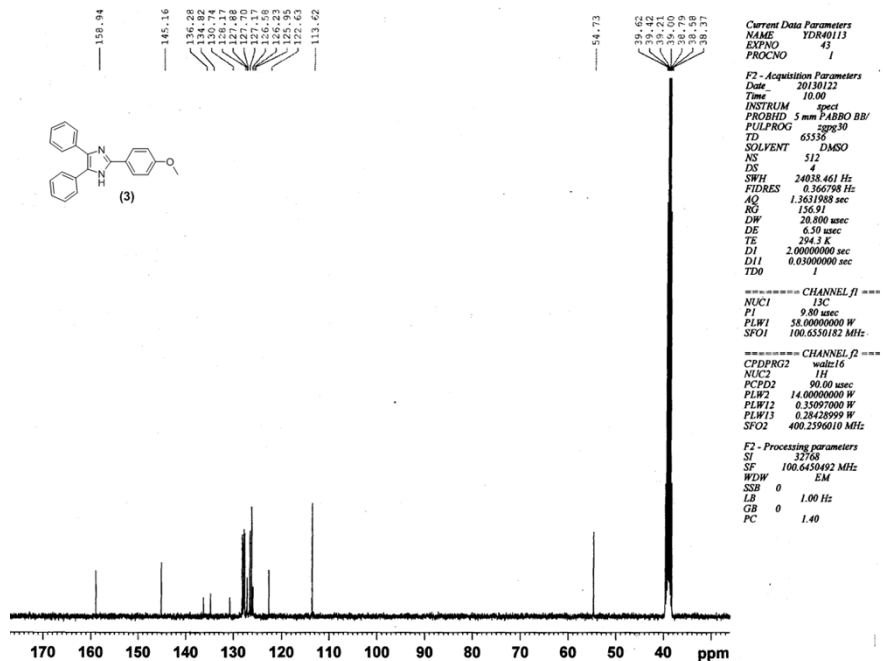
IR spectra of 2-(4-methoxyphenyl)-4,5-diphenyl-1H-imidazole



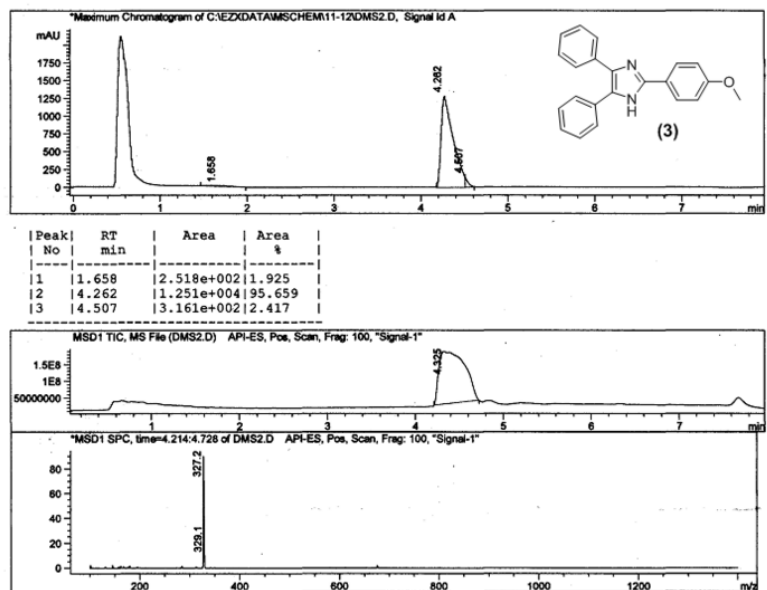
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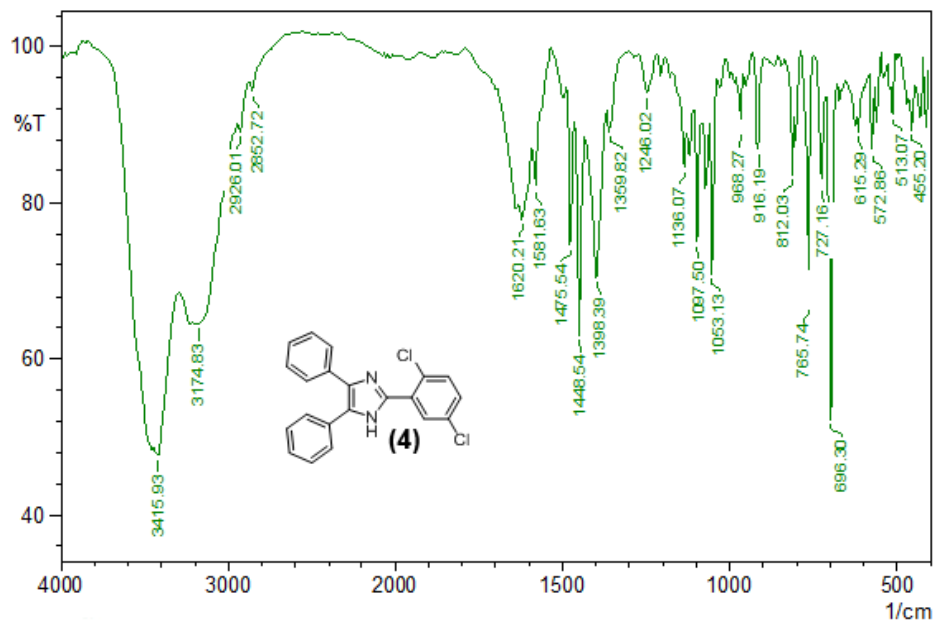
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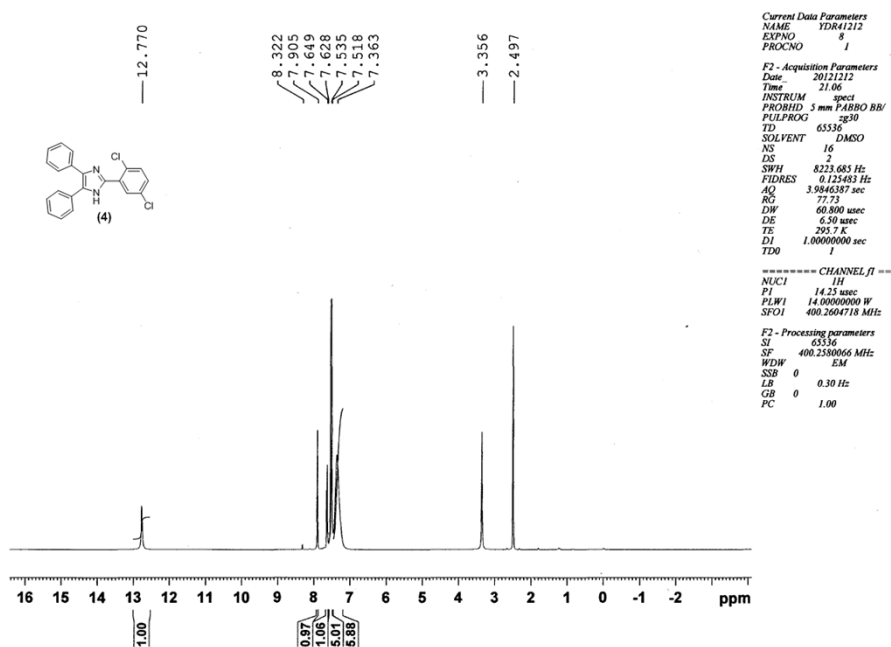
LC-MS of 2-(4-methoxyphenyl)-4,5-diphenyl-1H-imidazole



IR Spectra of 2-(2,5-dichlorophenyl)-4,5-diphenyl-1H-imidazole



¹H NMR of 2-(2,5-dichlorophenyl)-4,5-diphenyl-1H-imidazole



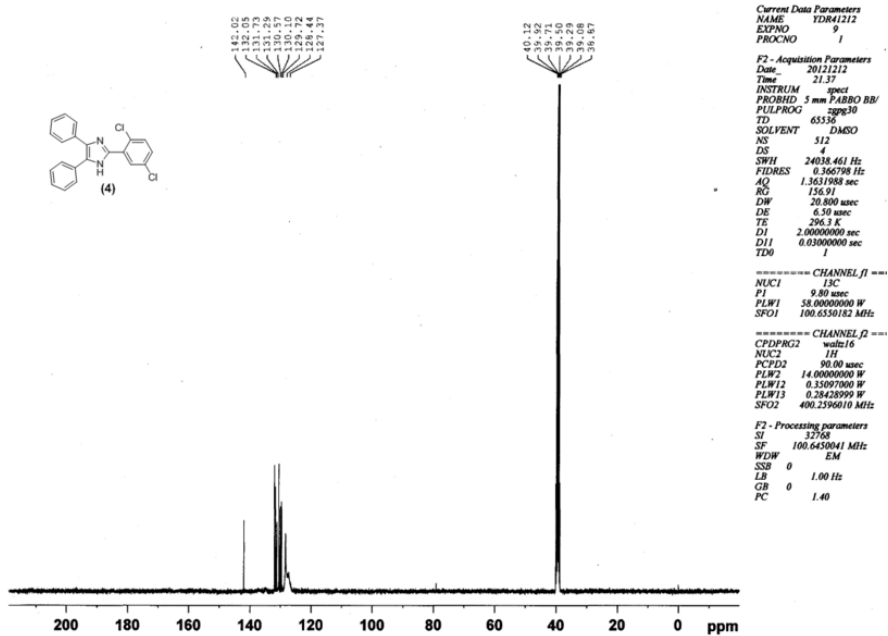
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 EXPNO 8
 PROCNO 1

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 PULPROG zg30
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 DS 2
 SWH 823.683 Hz
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 RG 77.33
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 TE 295.7 K
 D1 1.00000000 sec
 TDO 1

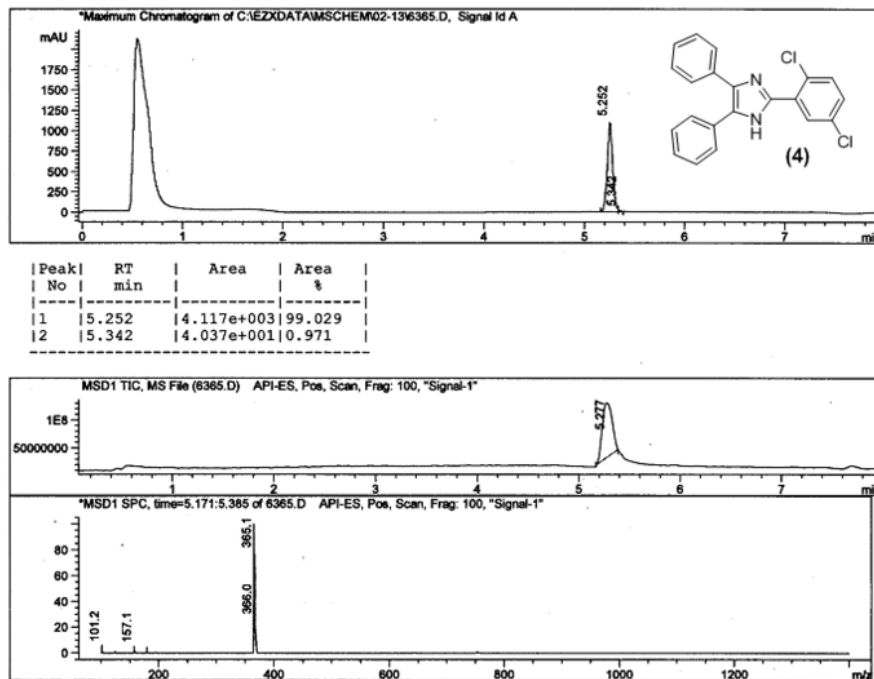
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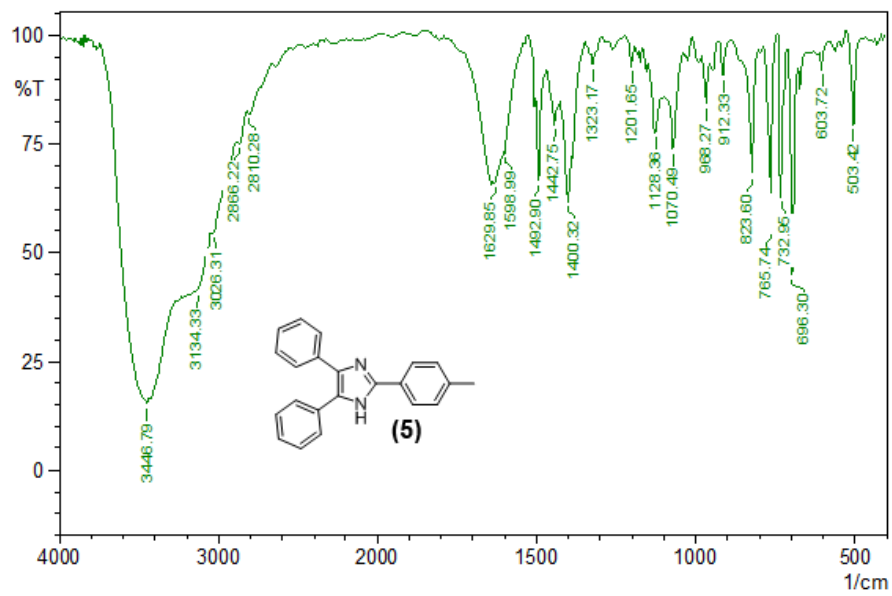
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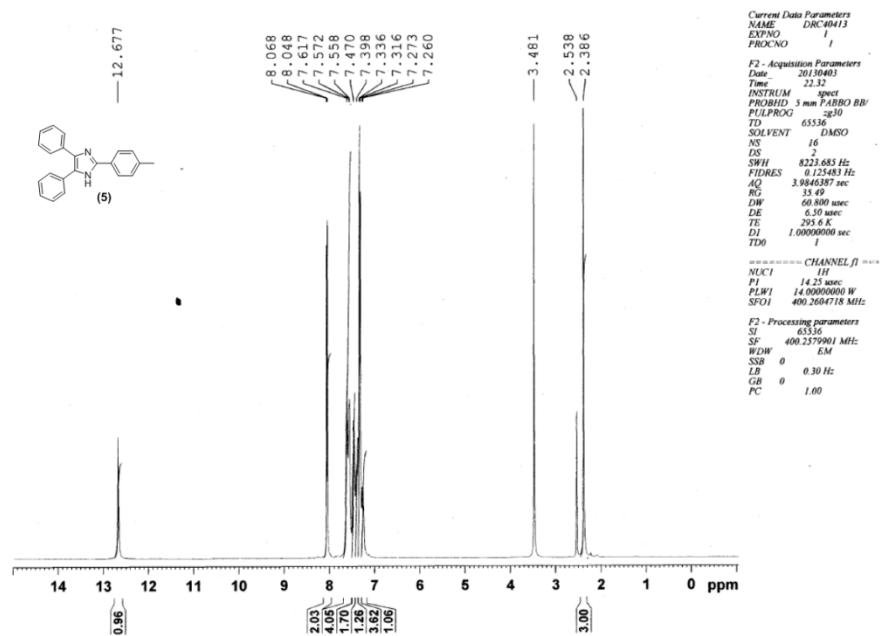
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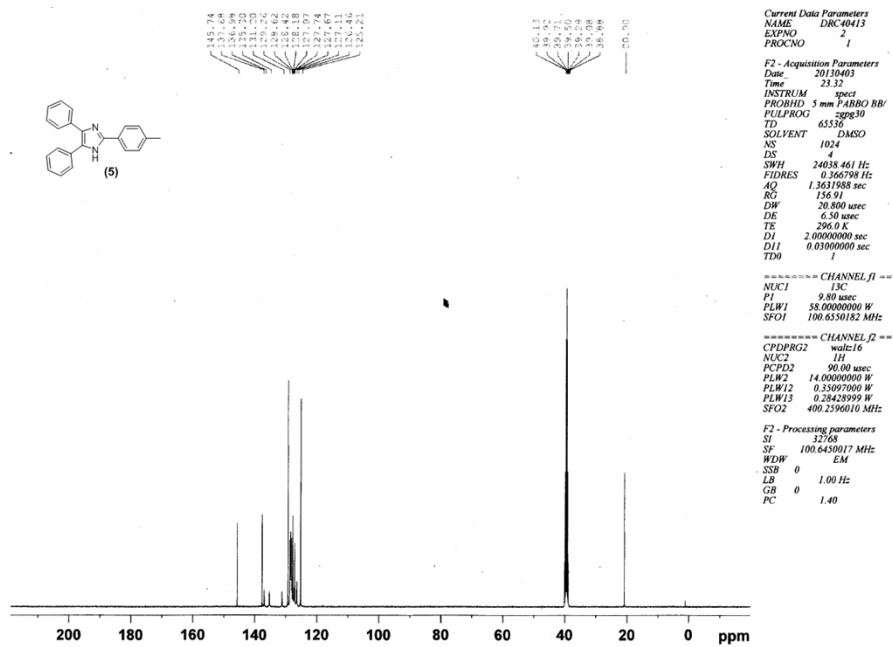
IR spectra of 4,5-diphenyl-2-p-tolyl-1H-imidazole



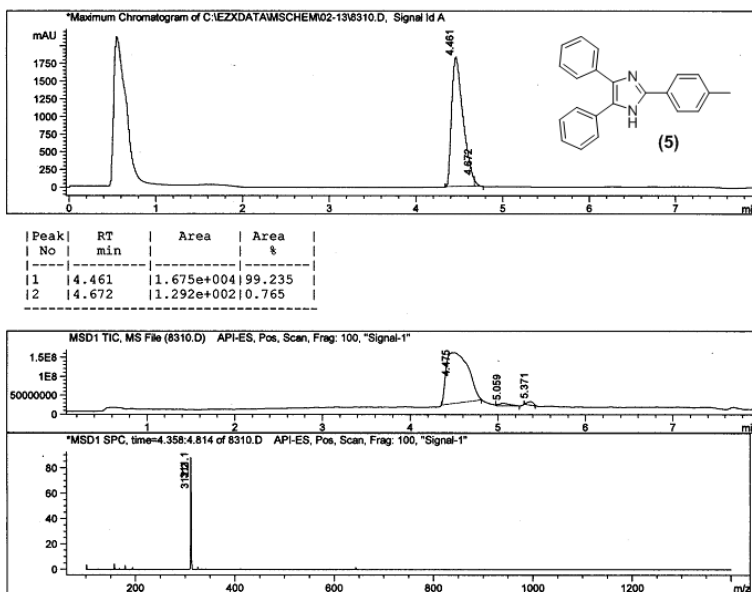
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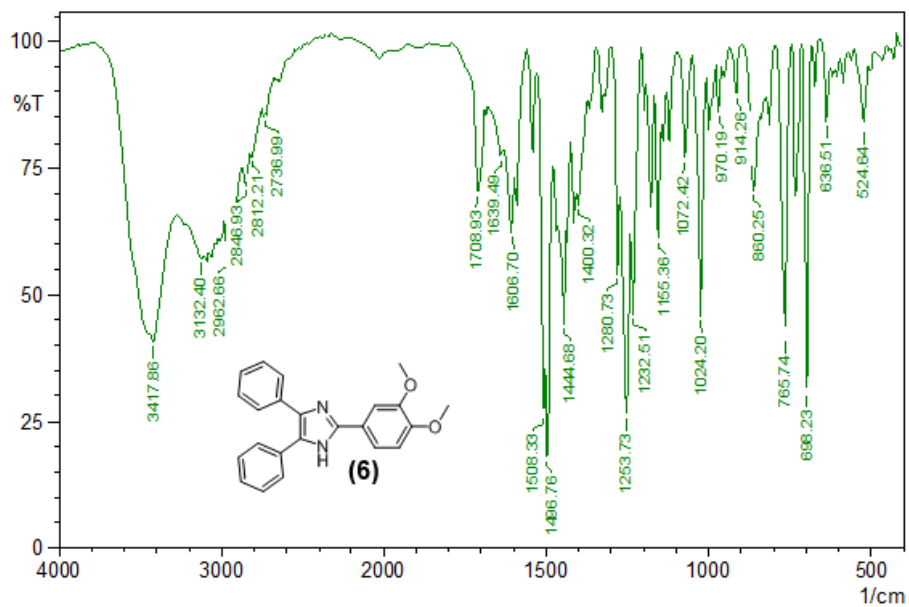
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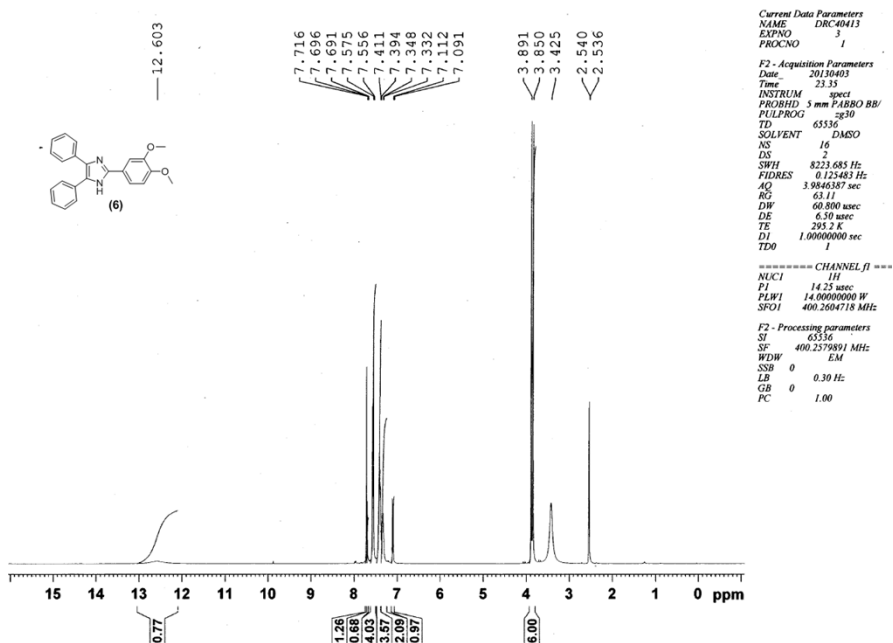
LC-MS of 4,5-diphenyl-2-p-tolyl-1H-imidazole



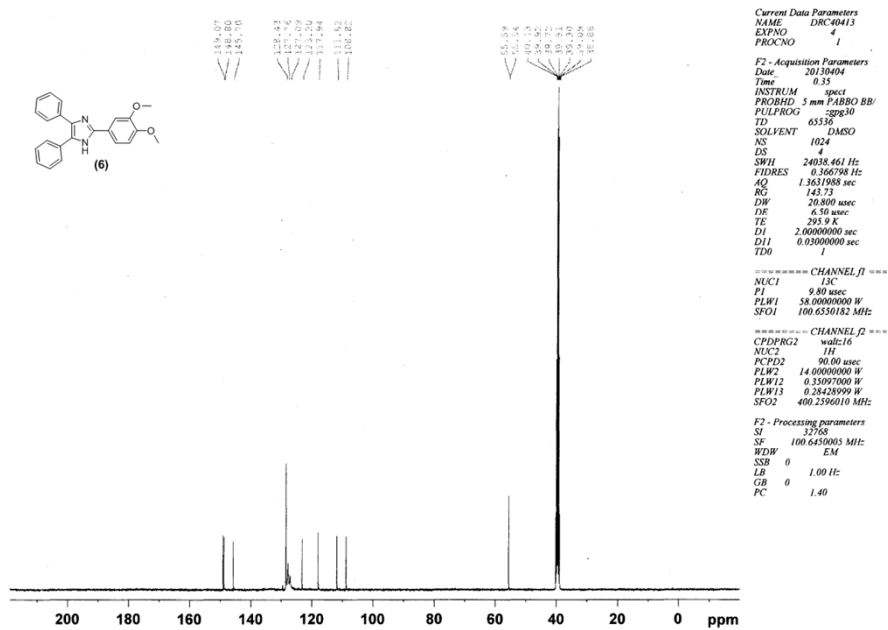
IR spectra of 2-(3,4-dimethoxyphenyl)-4,5-diphenyl-1H-imidazole



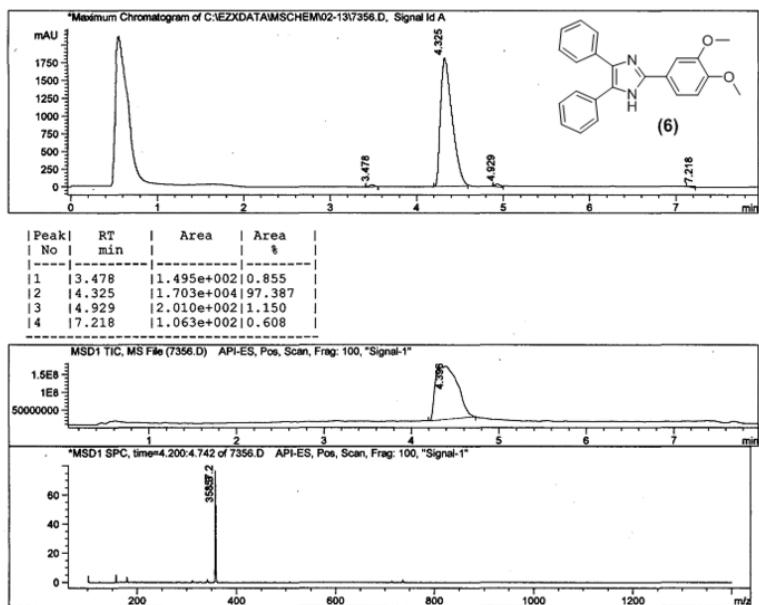
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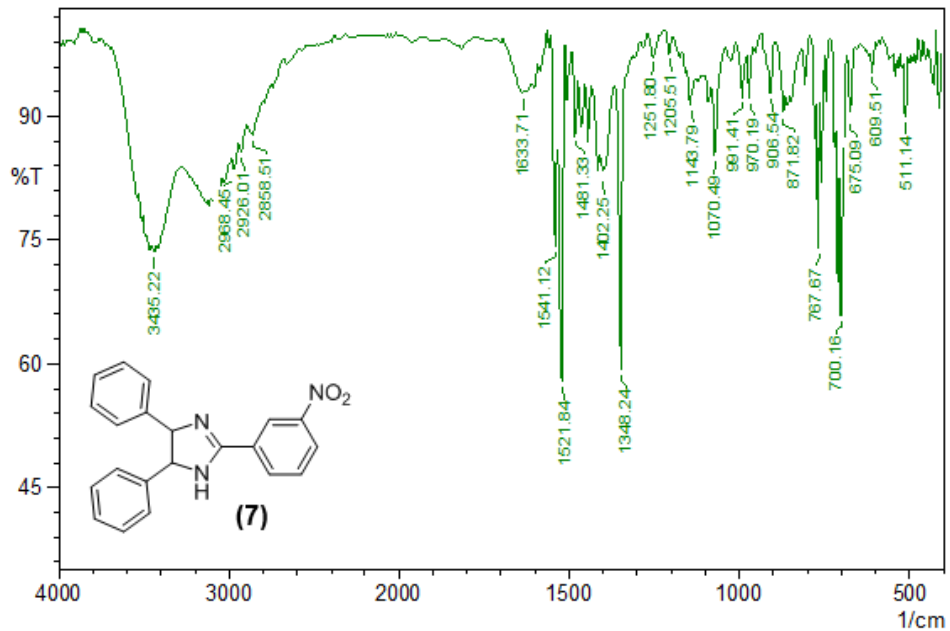
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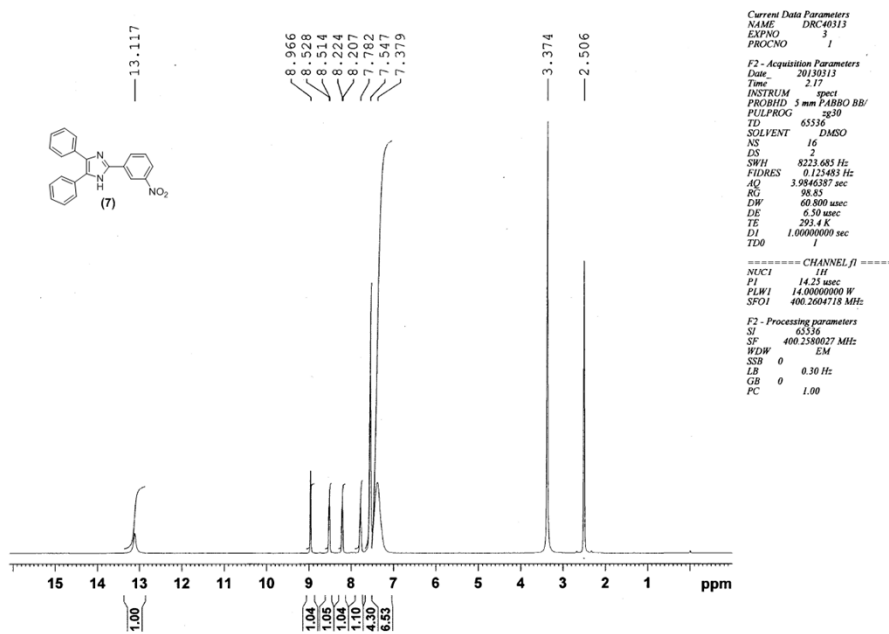
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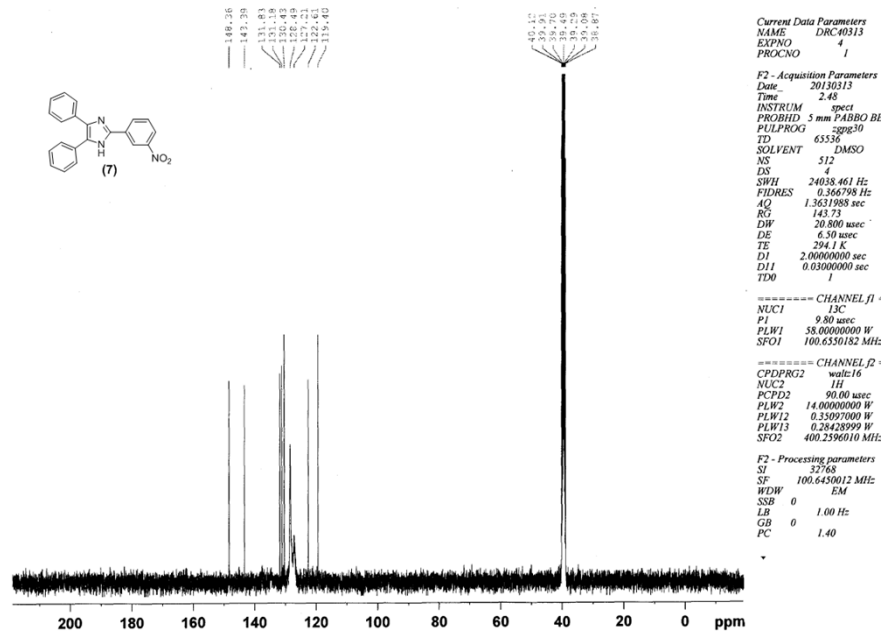
IR spectra of 2-(3-nitrophenyl)-4,5-diphenyl-1H-imidazole



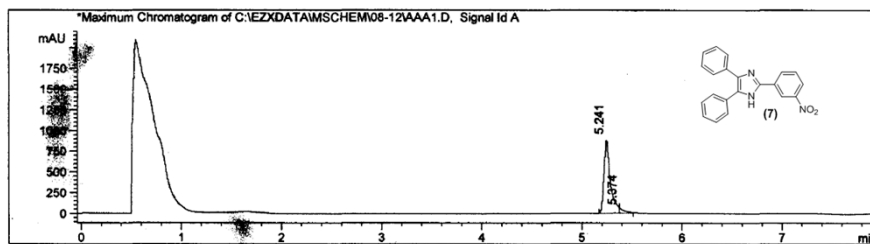
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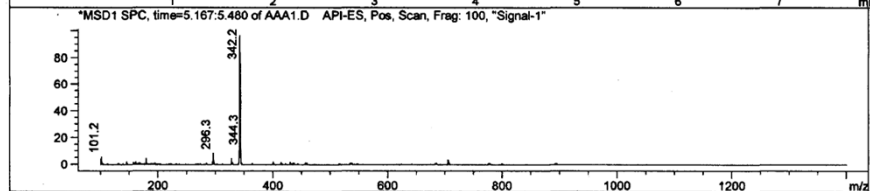
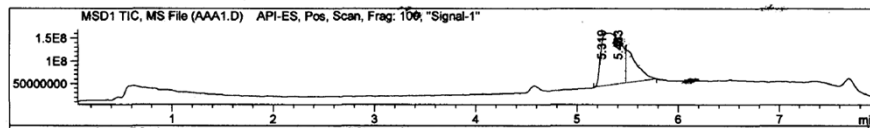
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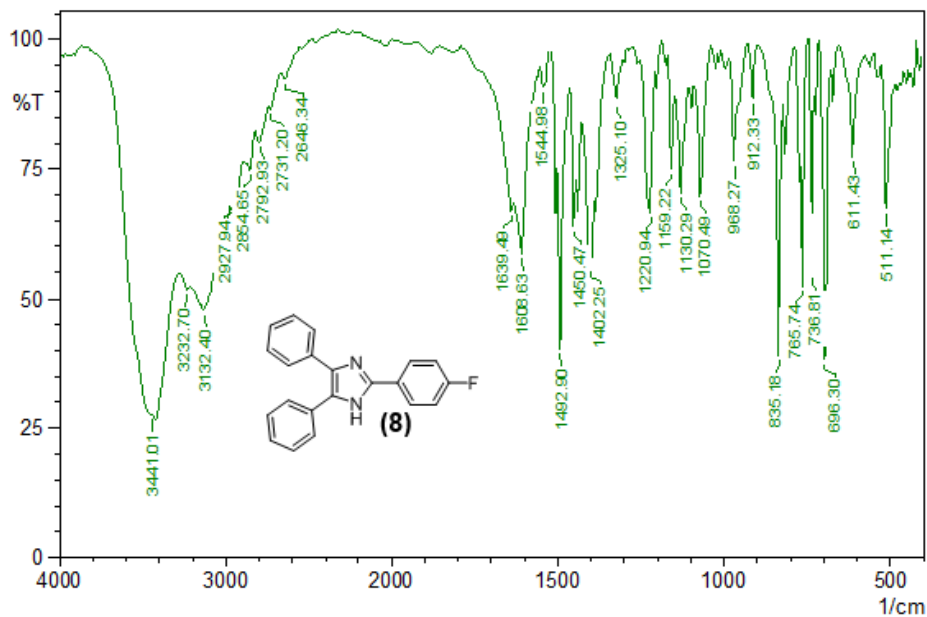
LC-MS of 2-(3-nitrophenyl)-4,5-diphenyl-1H-imidazole



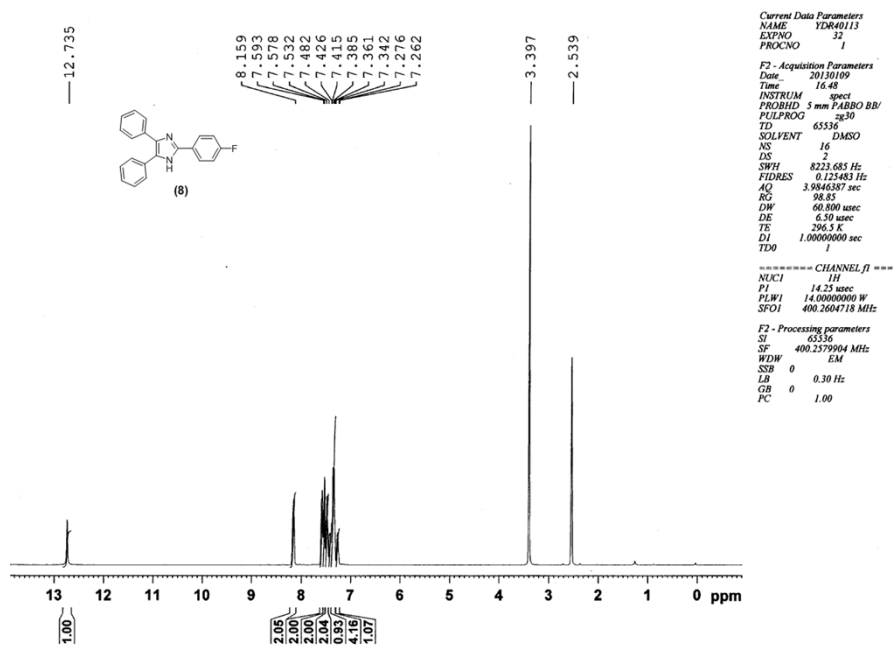
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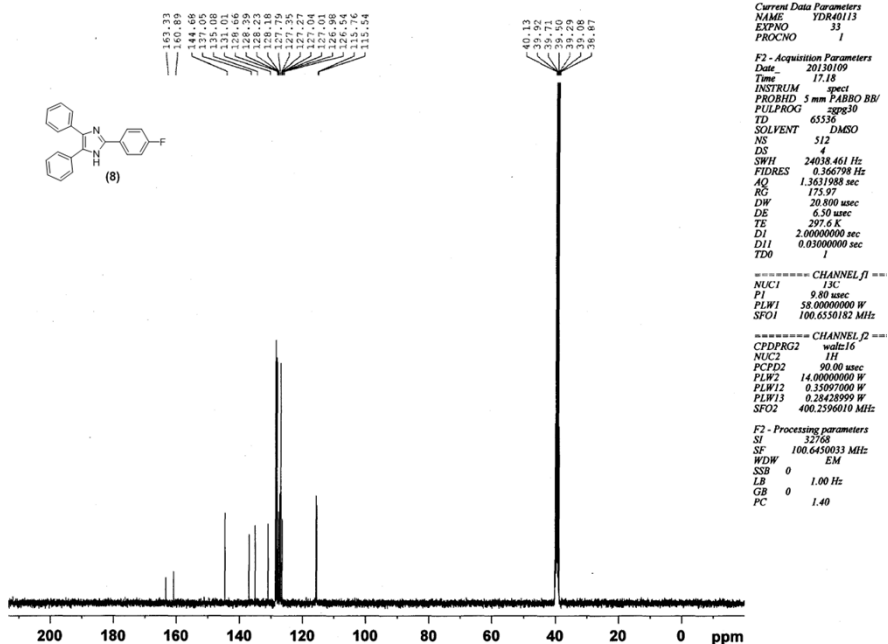
IR spectra of 2-(4-fluorophenyl)-4,5-diphenyl-1H-imidazole



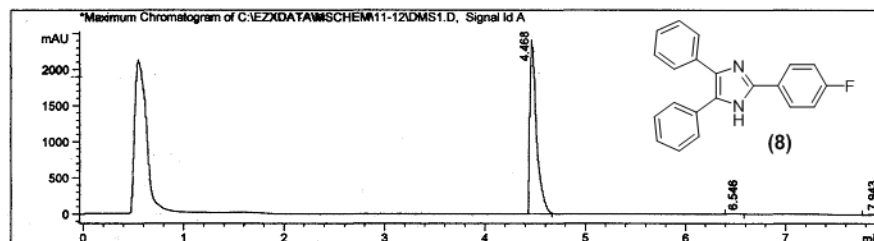
¹H NMR of 2-(4-fluorophenyl)-4,5-diphenyl-1H-imidazole



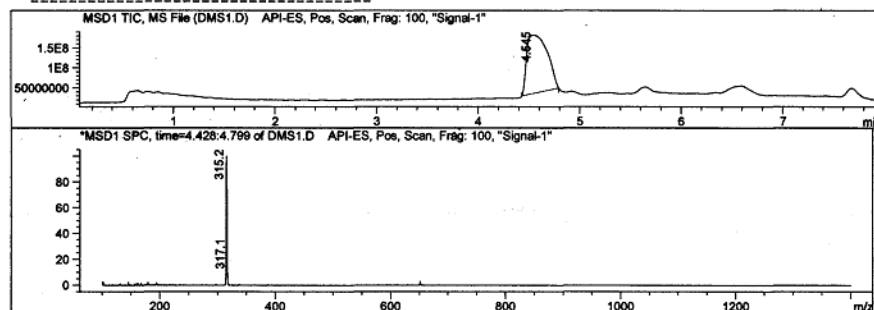
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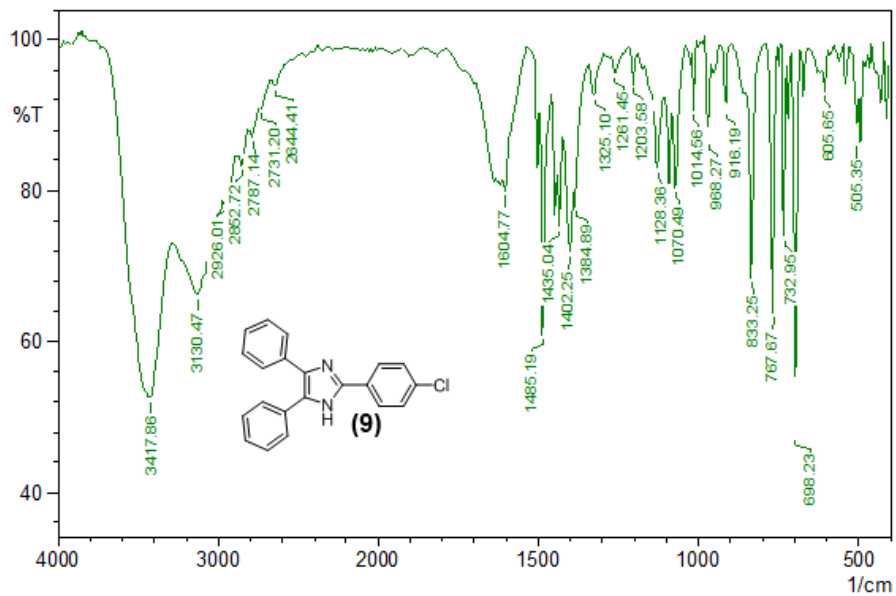
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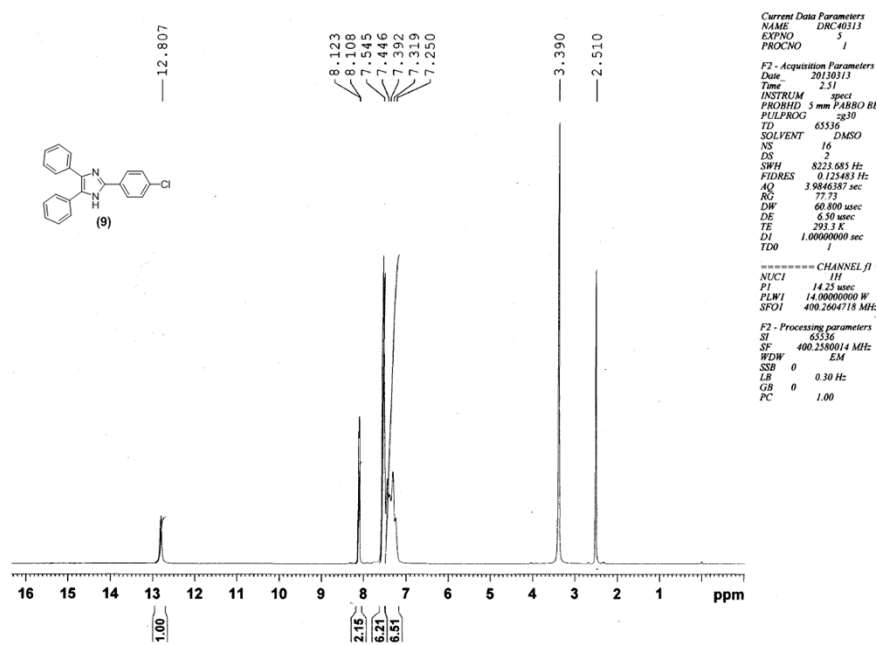
Peak No	RT min	Area	Area %
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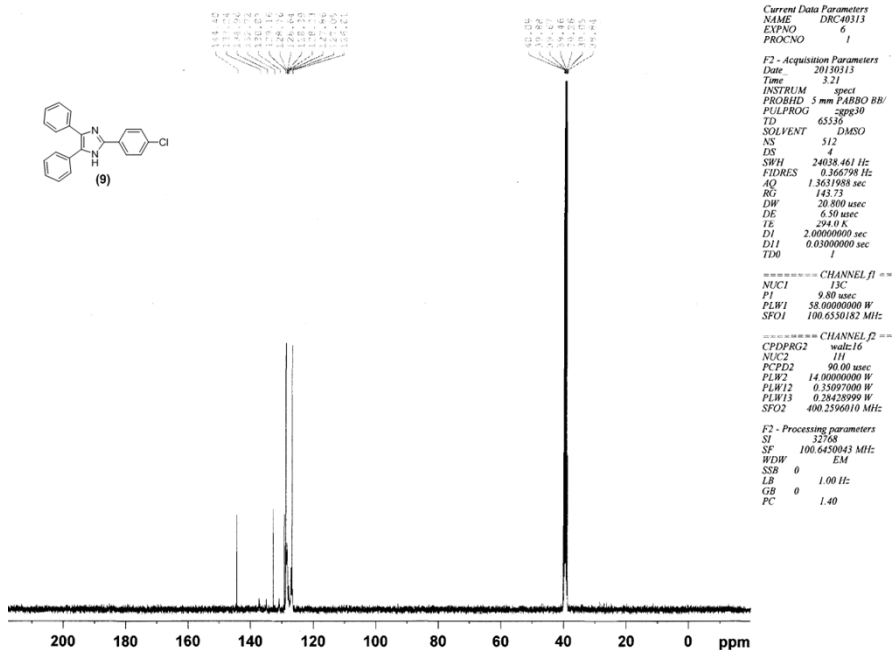
IR spectra of 2-(4-chlorophenyl)-4,5-diphenyl-1H-imidazole



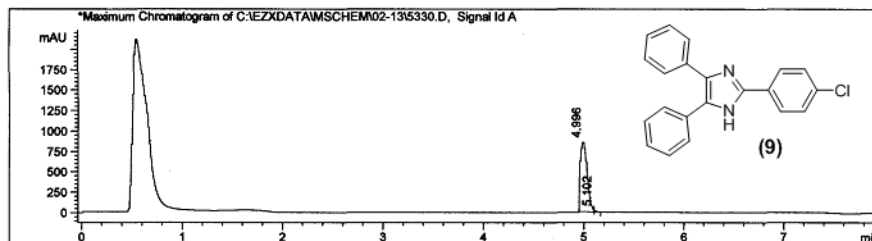
¹H NMR of 2-(4-chlorophenyl)-4,5-diphenyl-1H-imidazole



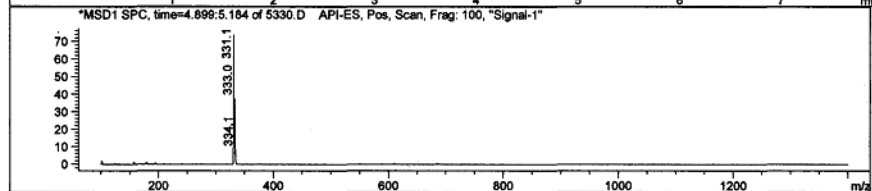
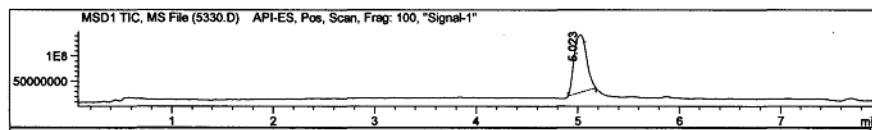
¹³C NMR of 2-(4-chlorophenyl)-4,5-diphenyl-1H-imidazole



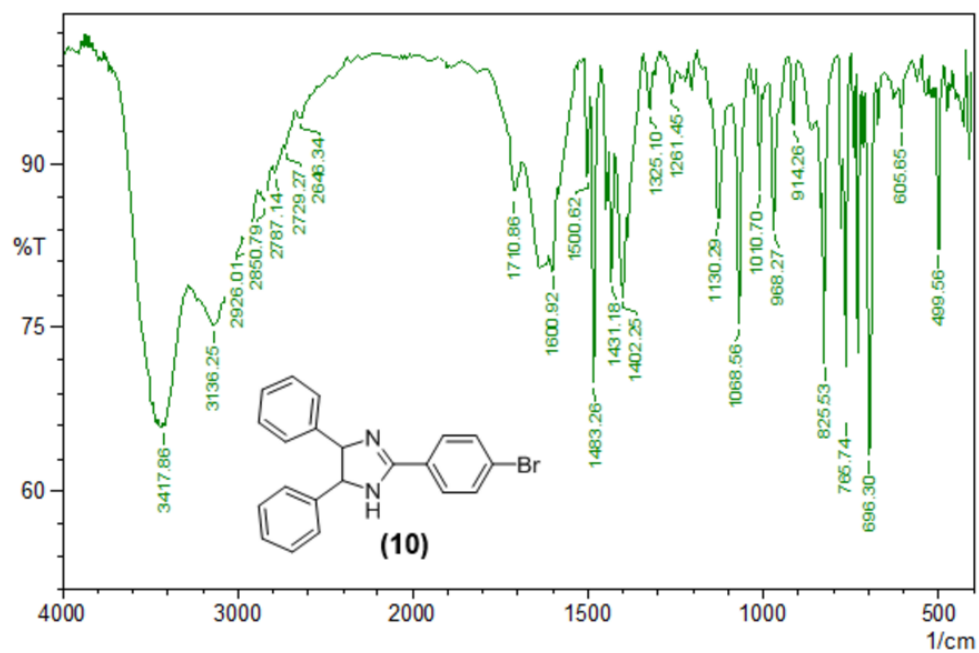
LC-MS of 2-(4-chlorophenyl)-4,5-diphenyl-1H-imidazole



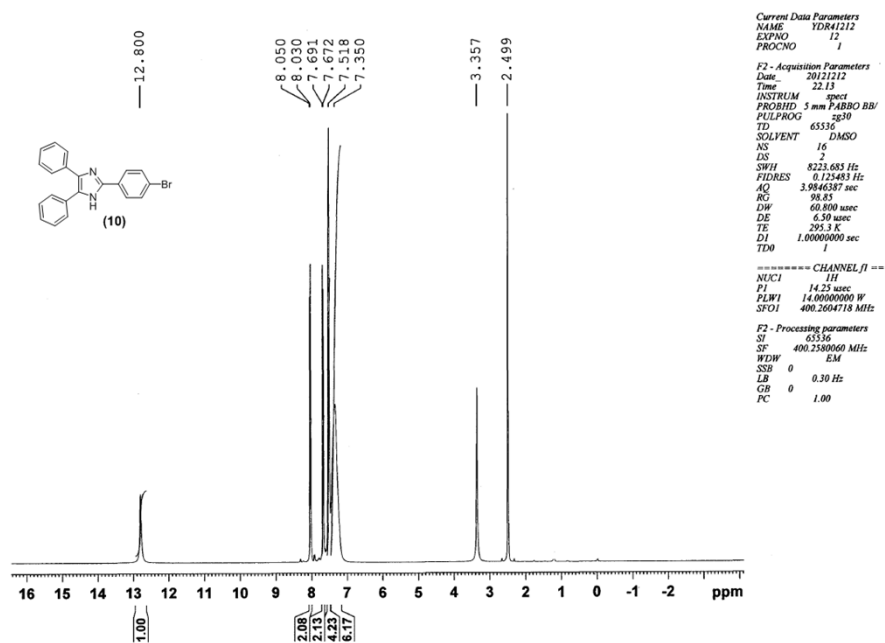
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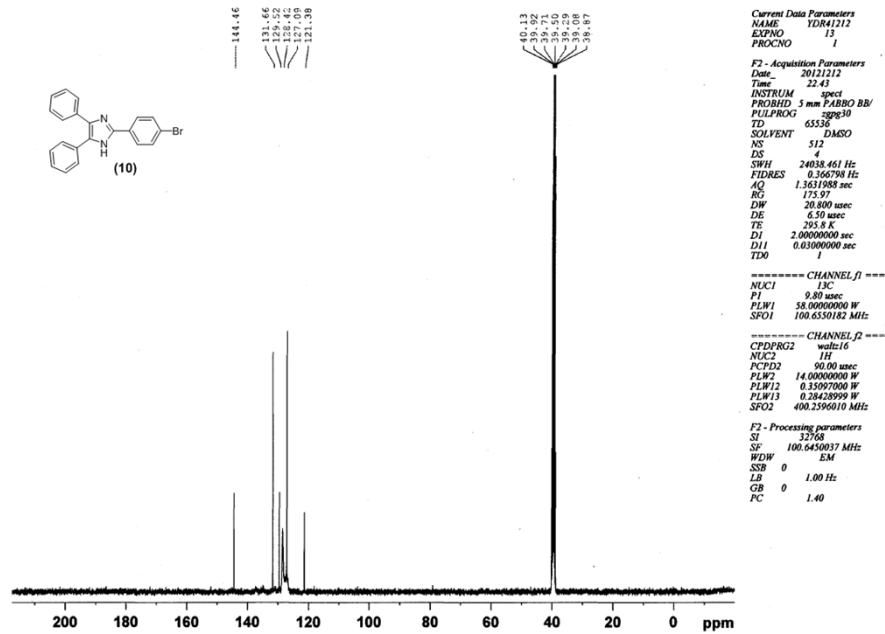
IR spectra of 2-(4-bromophenyl)-4,5-diphenyl-1H-imidazole



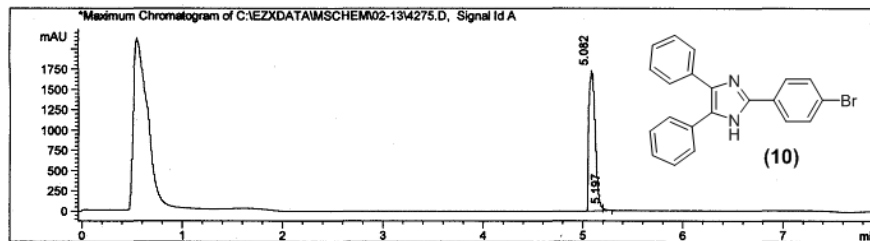
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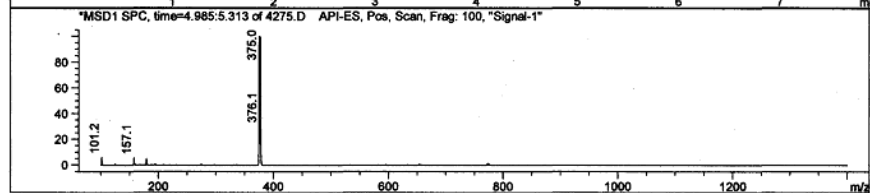
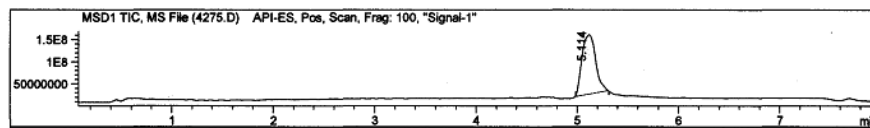
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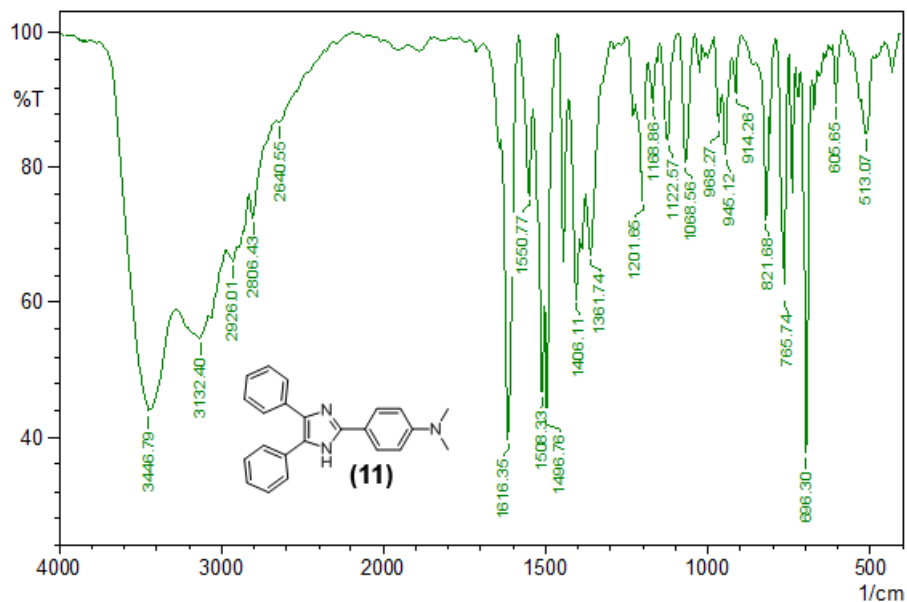
LC-MS of 2-(4-bromophenyl)-4,5-diphenyl-1H-imidazole



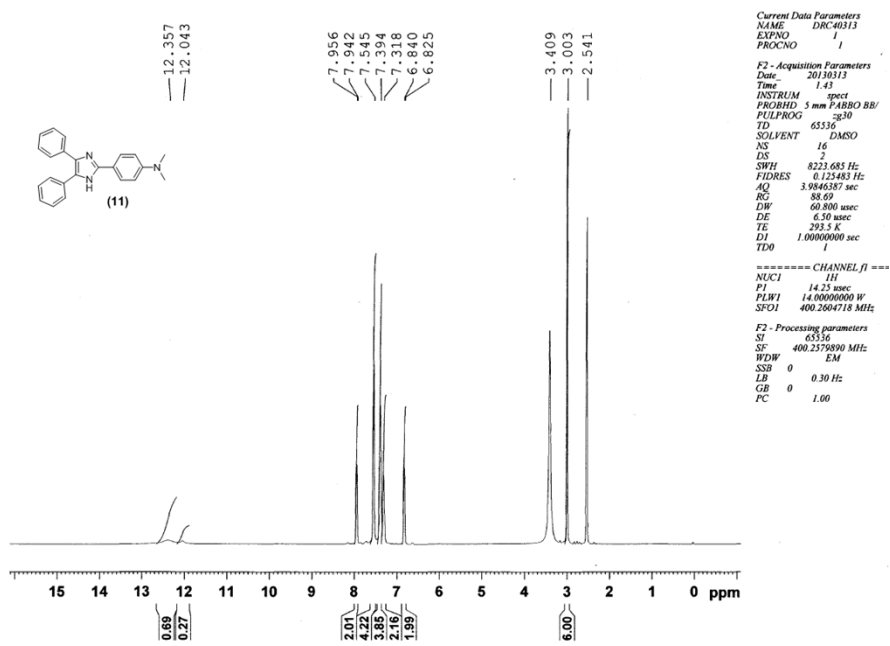
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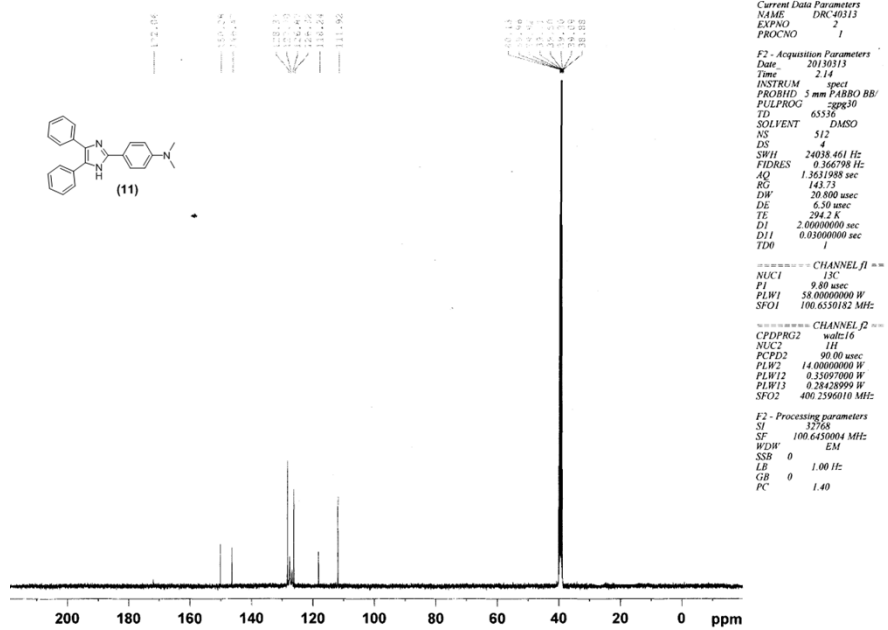
IR spectra of 4-(4,5-diphenyl-1H-imidazol-2-yl)-N,N-dimethylaniline



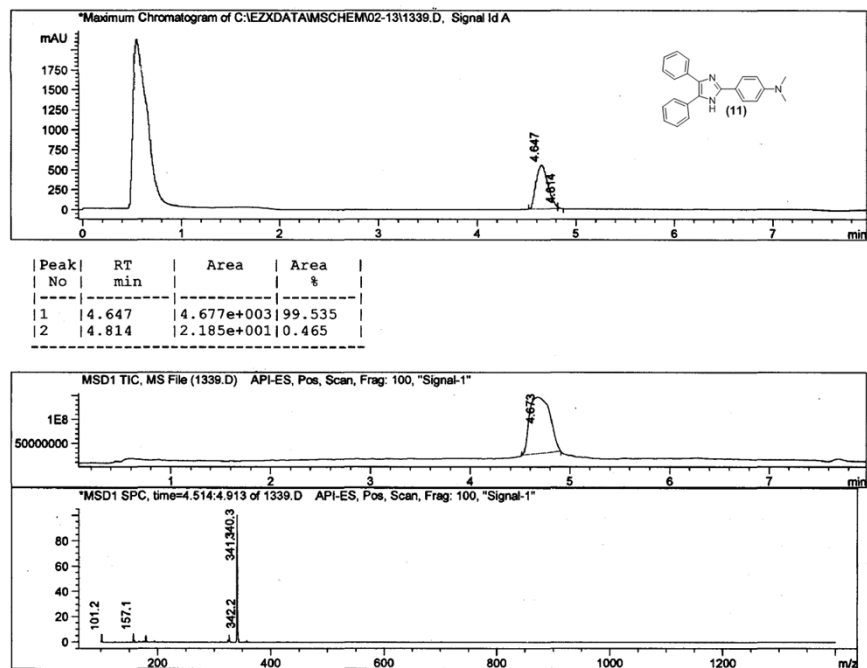
¹H NMR of 4-(4,5-diphenyl-1H-imidazol-2-yl)-N,N-dimethylaniline



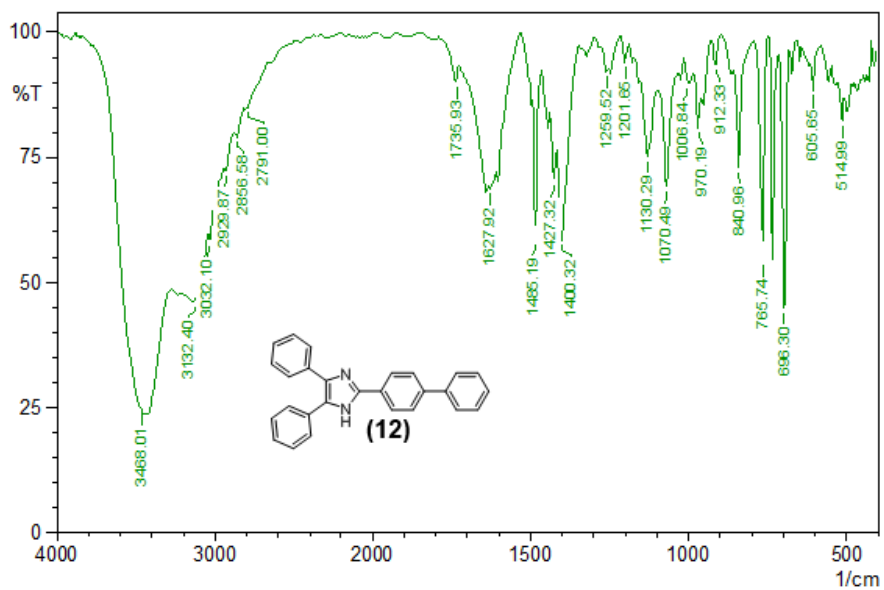
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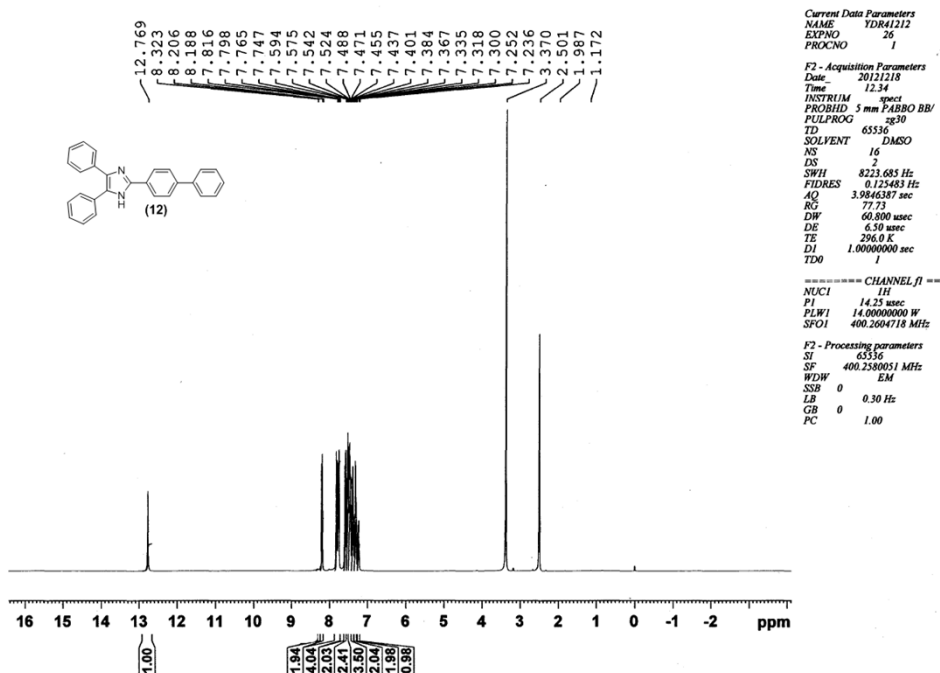
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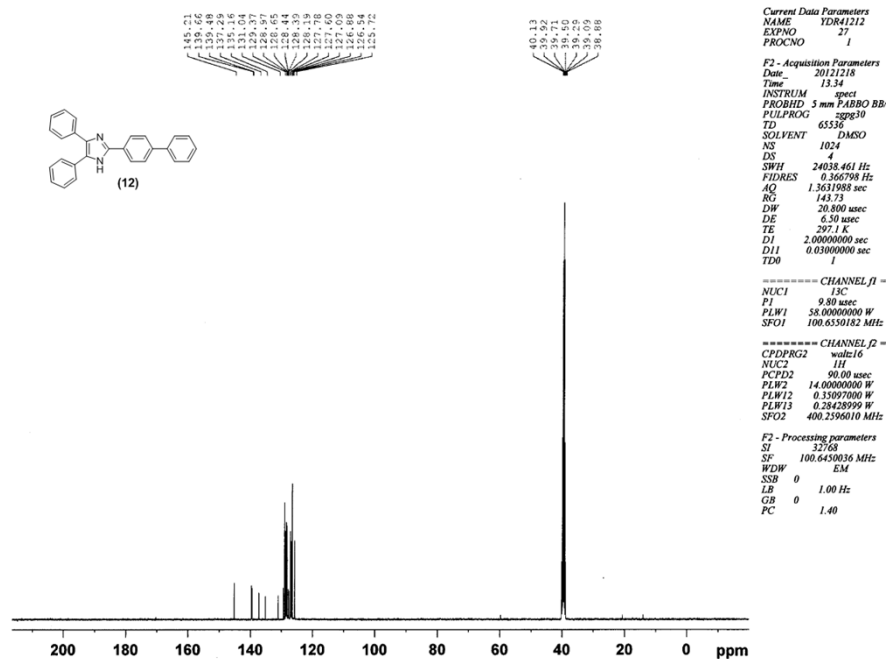
IR spectra of 2-(biphenyl-4-yl)-4,5-diphenyl-1H-imidazole



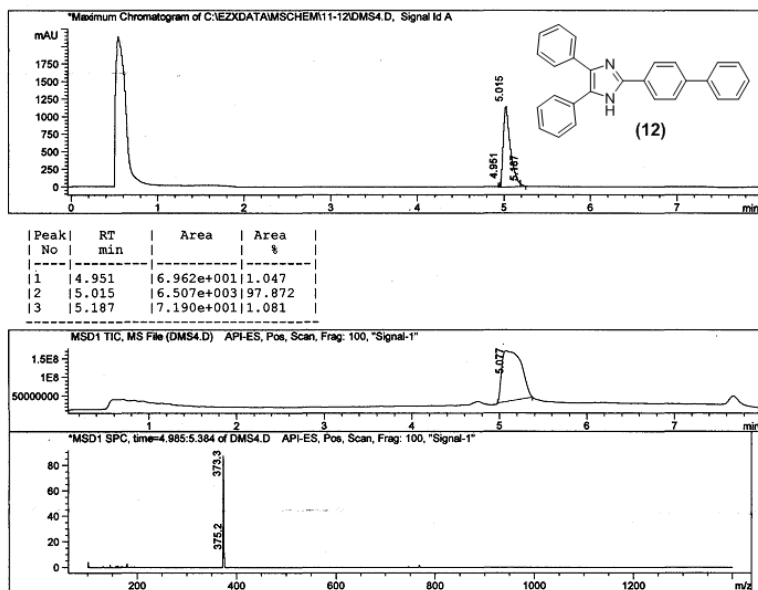
¹H NMR of 2-(biphenyl-4-yl)-4,5-diphenyl-1H-imidazole



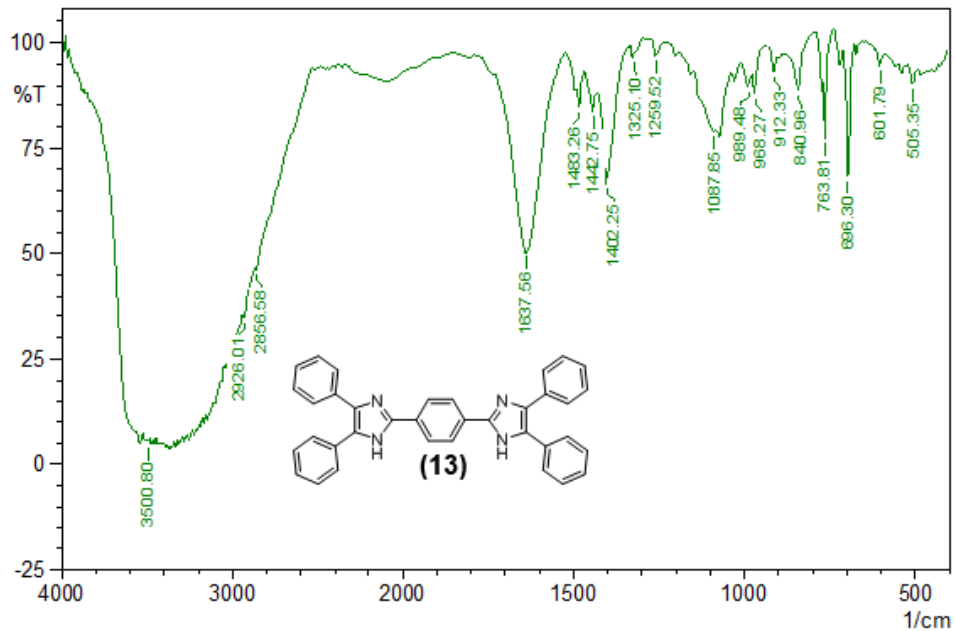
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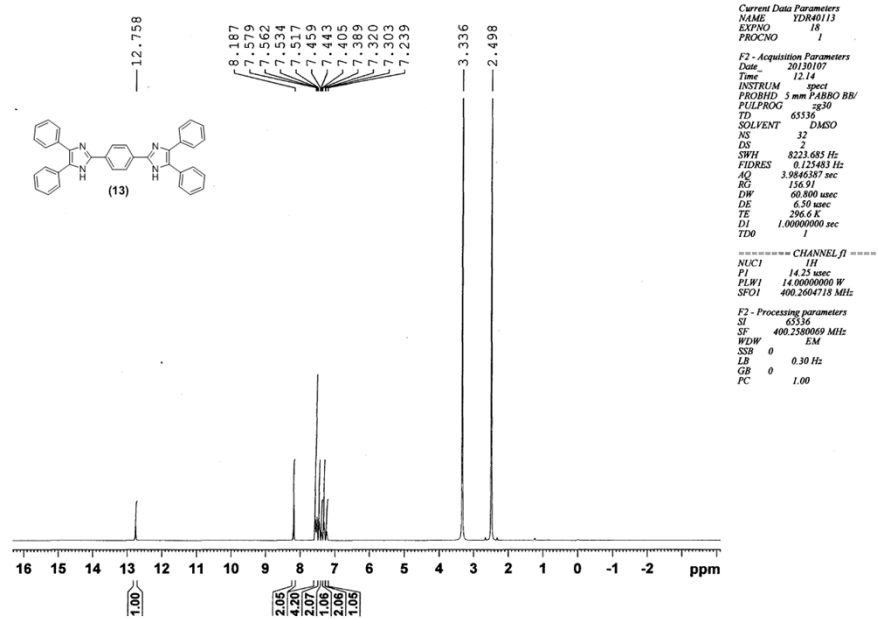
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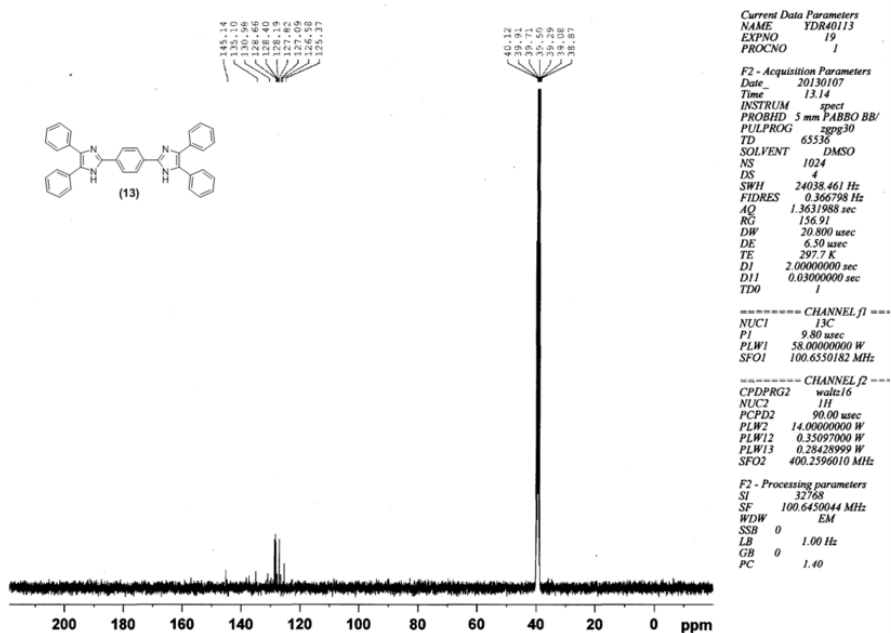
IR spectra of 1,4-bis(4,5-diphenyl-1H-imidazol-2-yl)benzene



¹H NMR of 1,4-bis(4,5-diphenyl-1H-imidazol-2-yl)benzene



¹³C NMR of 1,4-bis(4,5-diphenyl-1H-imidazol-2-yl)benzene



LC-MS of 1,4-bis(4,5-diphenyl-1H-imidazol-2-yl)benzene

