

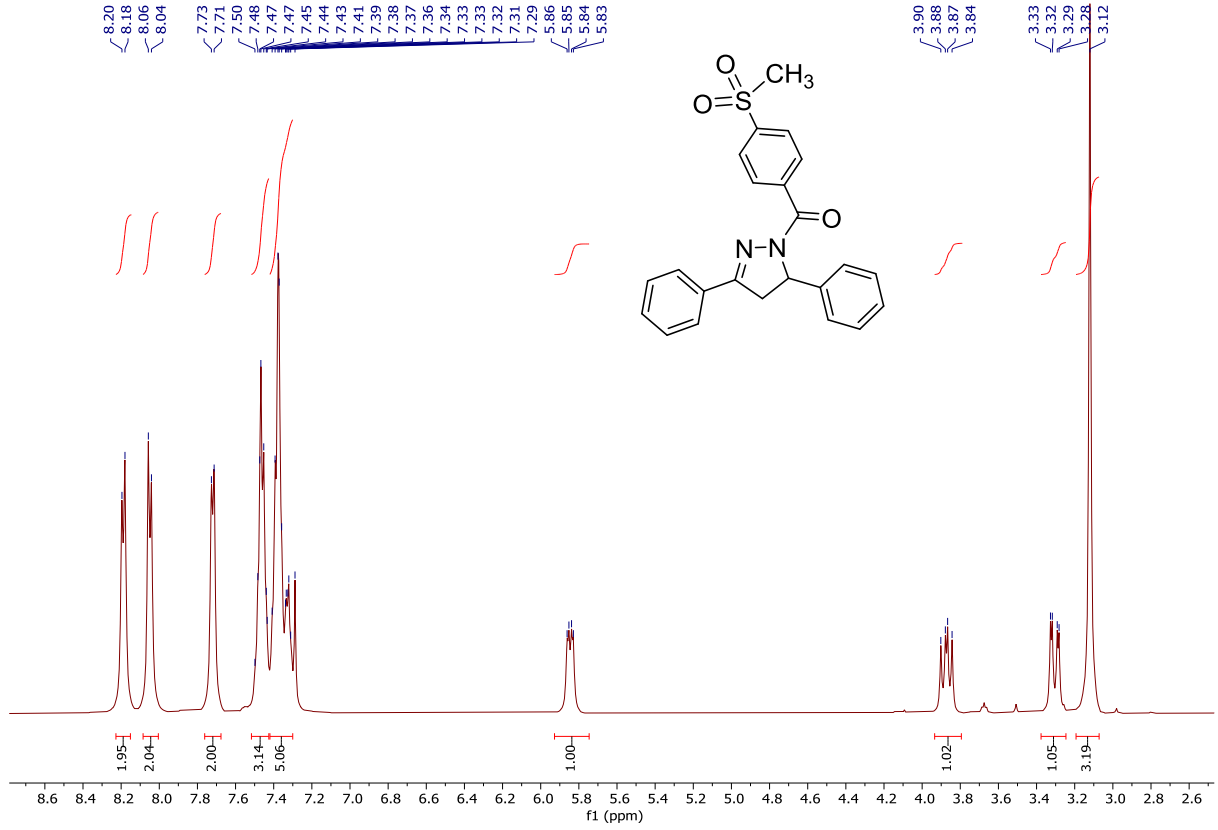
**Synthesis, enzyme inhibition assay, and molecular modeling study of
novel pyrazolines linked to 4-methylsulfonylphenyl scaffold:
Antitumor activity and cell cycle analysis**

Alaa A.-M. Abdel-Aziz, Adel S. El-Azab, Simone Brogi, , Rezk R. Ayyad*, Hamad M. Alkahtani,

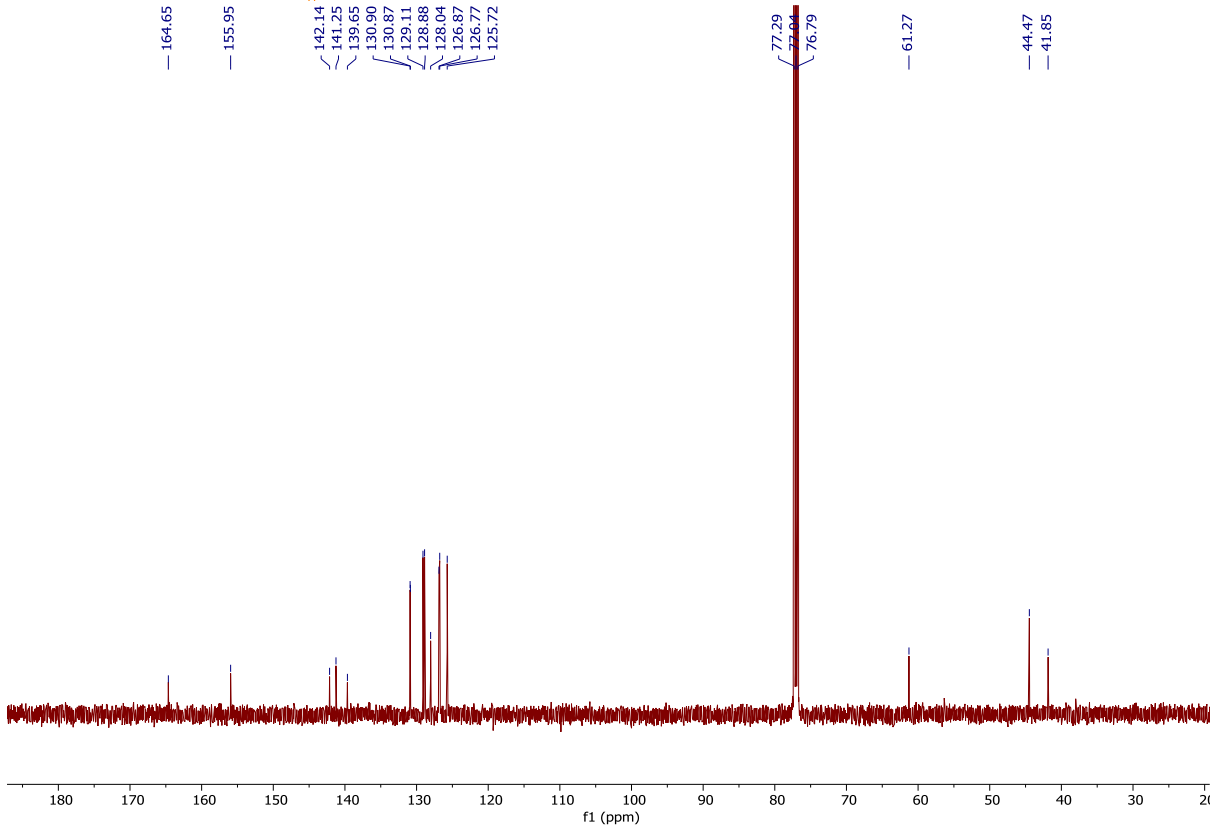
Hatem A. Abuelizz, Ibrahim A. Al-Suwaidan, Abdulrahman M. Al-Obaid

NMR Figures

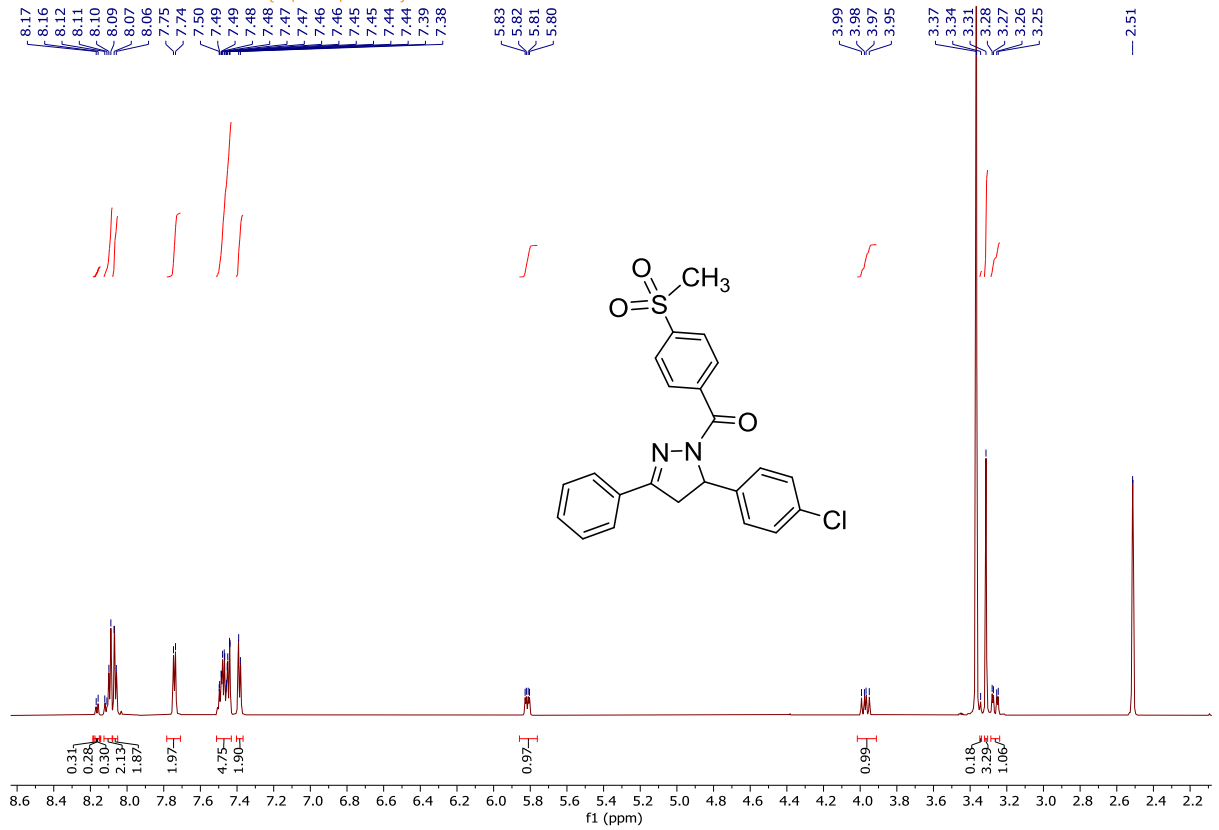
drmoenes-HN-126.10.fid — PROTON CDCl3 D:\ abari 20



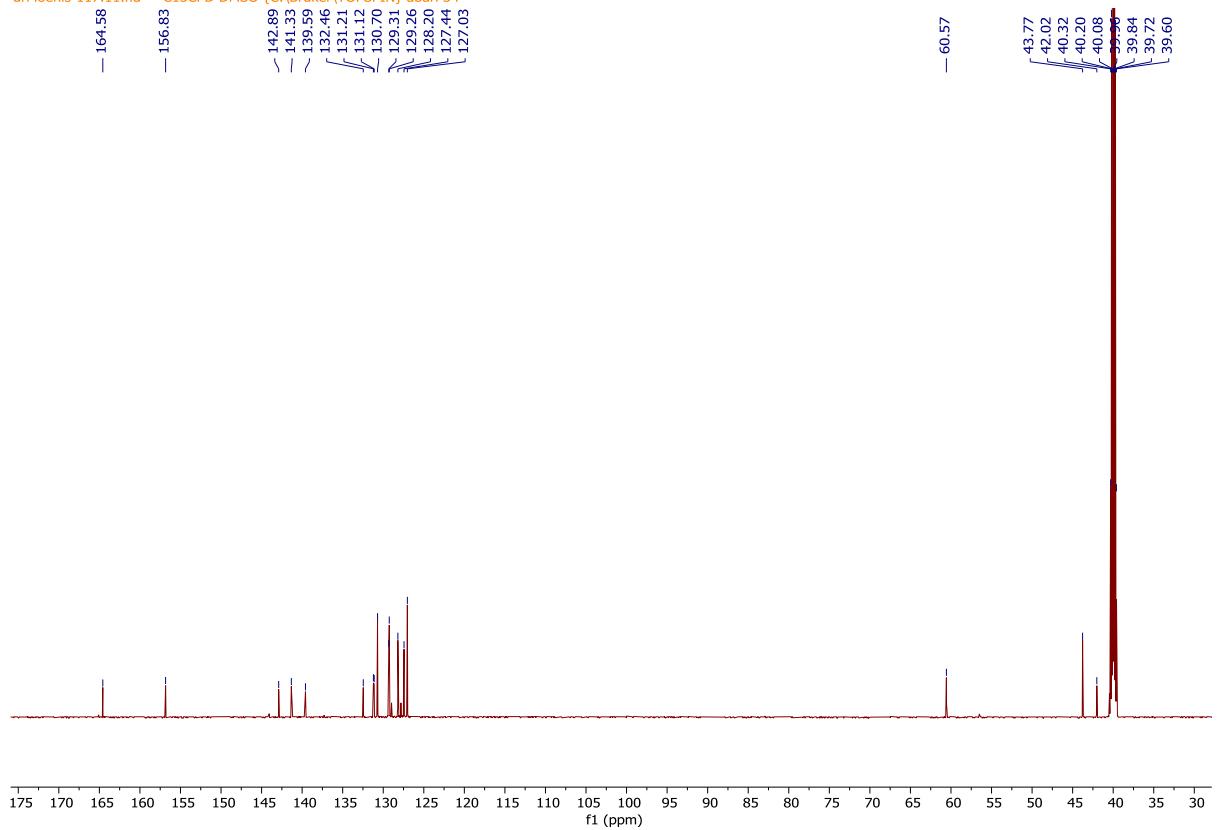
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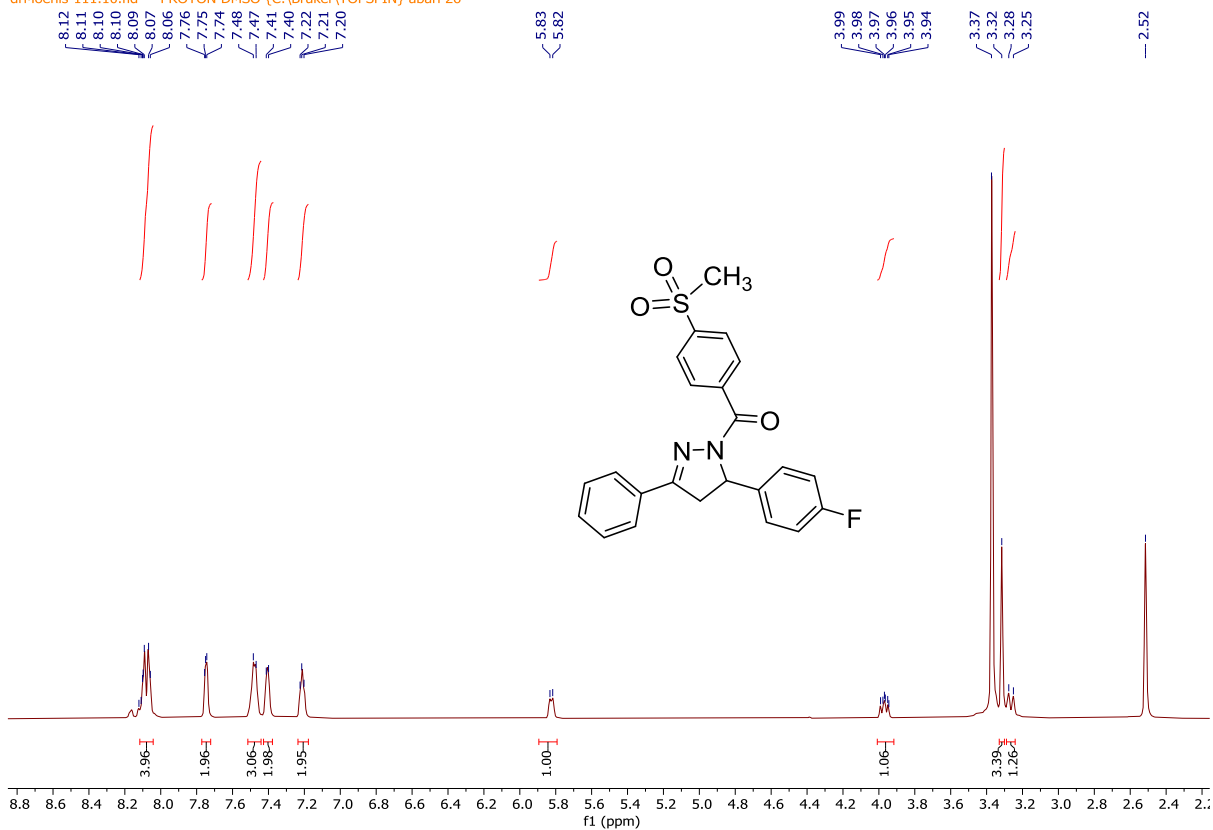
drMoenis-117.10.fid — PROTON DMSO (C:\Bruker\TOPSPIN) abari 34



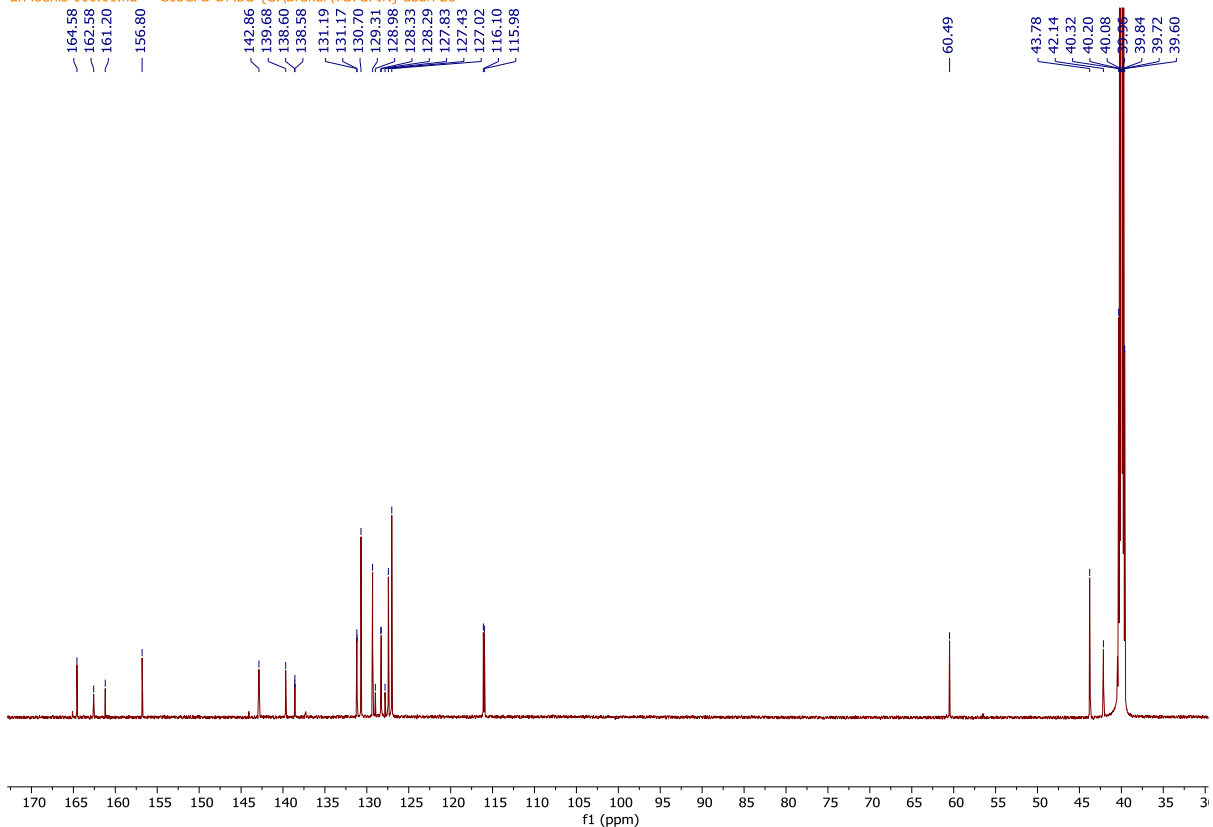
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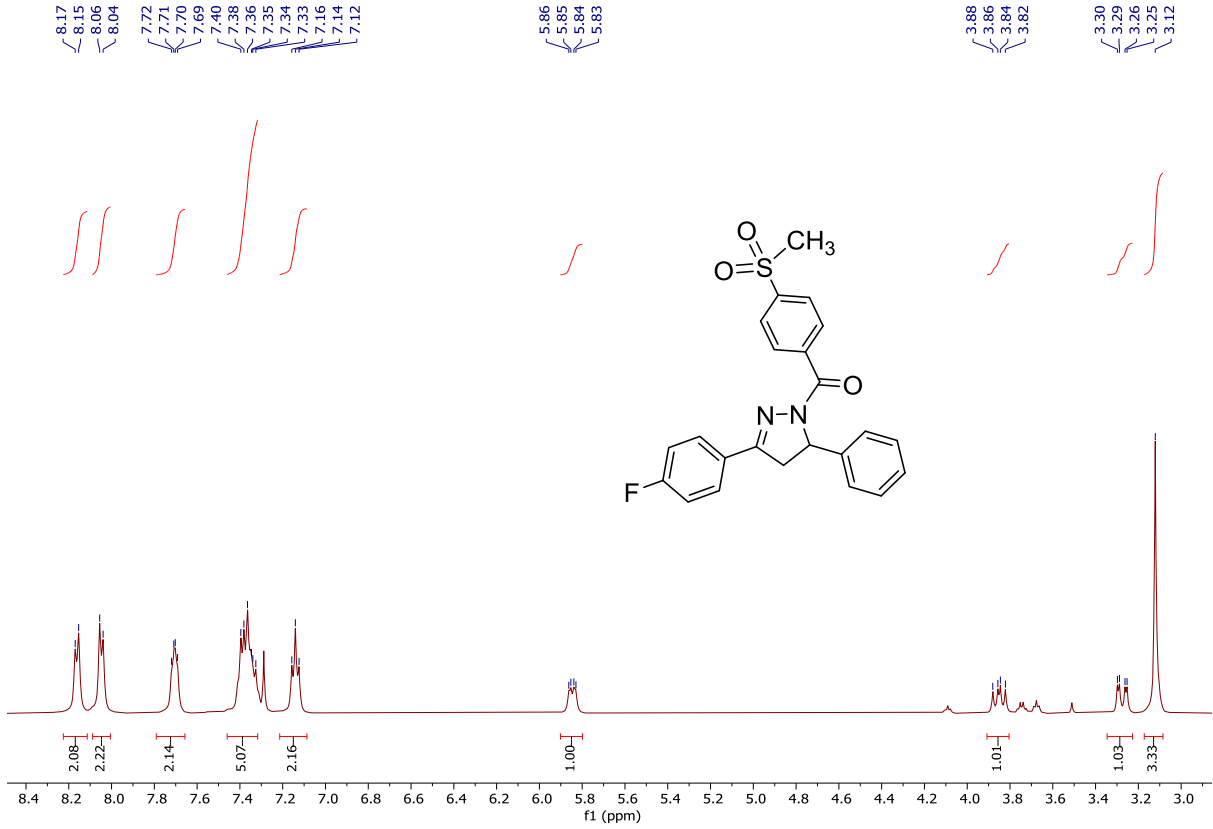
drMoenis-111.10.fid — PROTON DMSO {C:\Bruker\TOPSPIN} abari 26



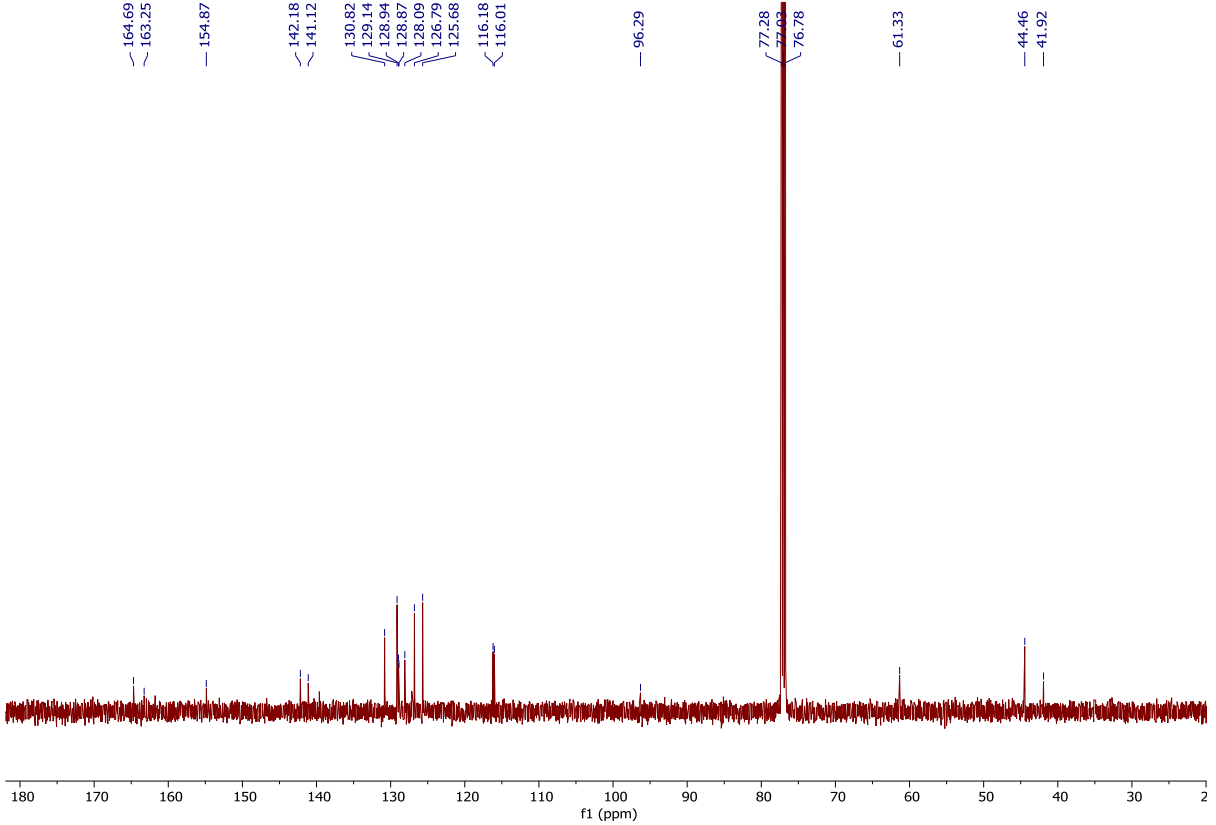
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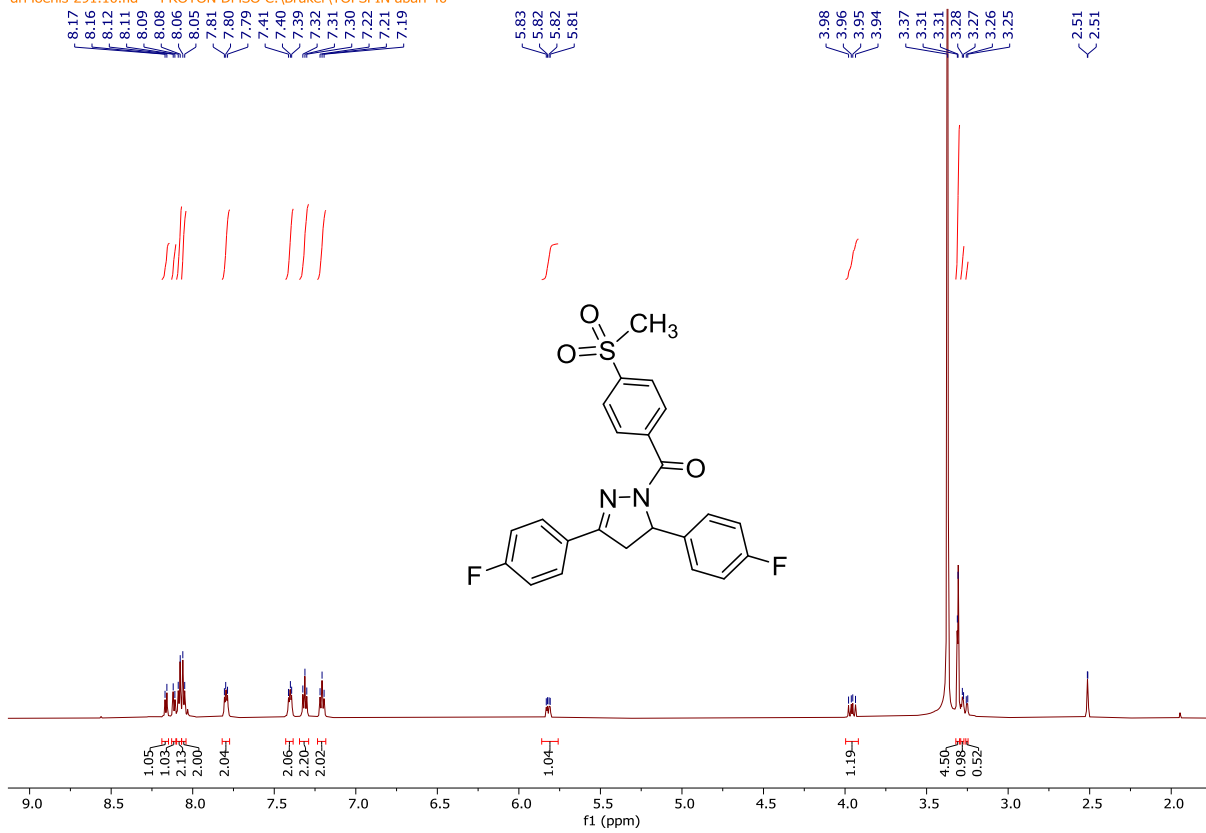
drmoenes-HN-127.10.fid — PROTON CDCl3 D:\ abari 21



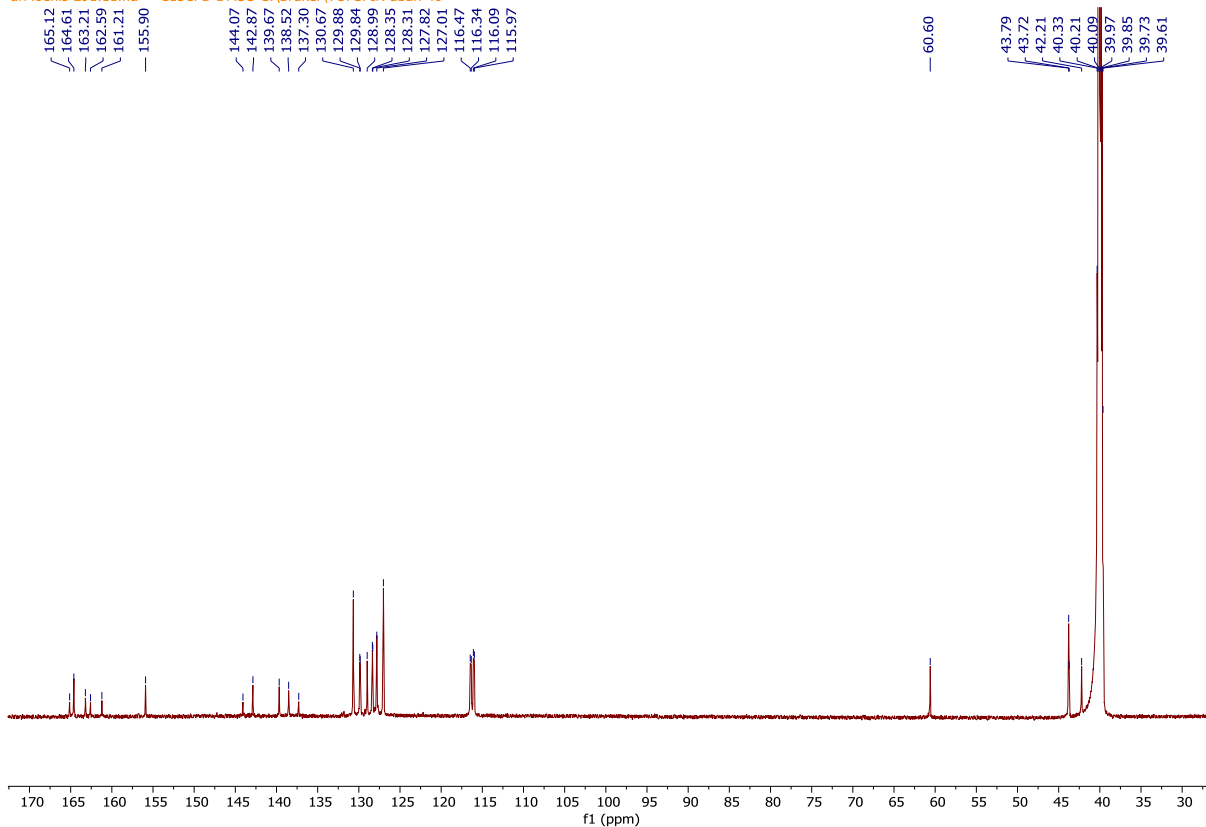
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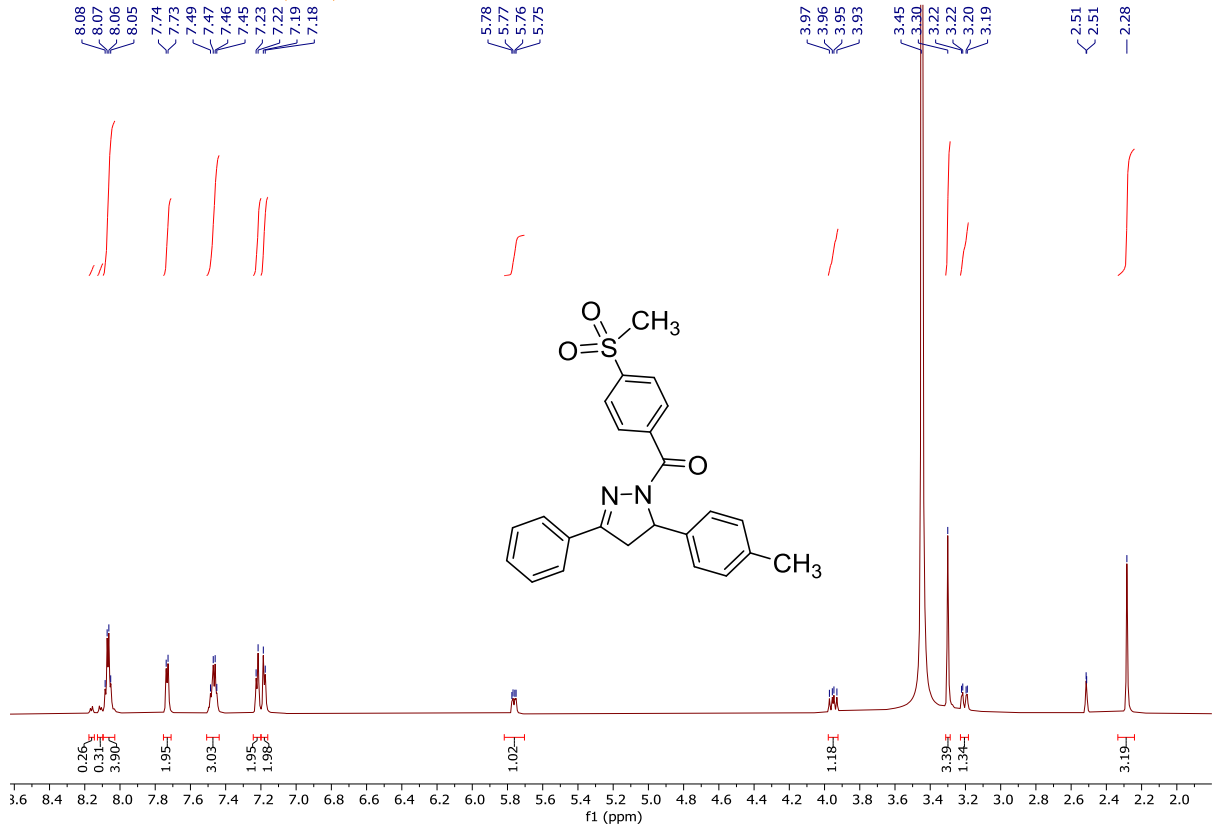
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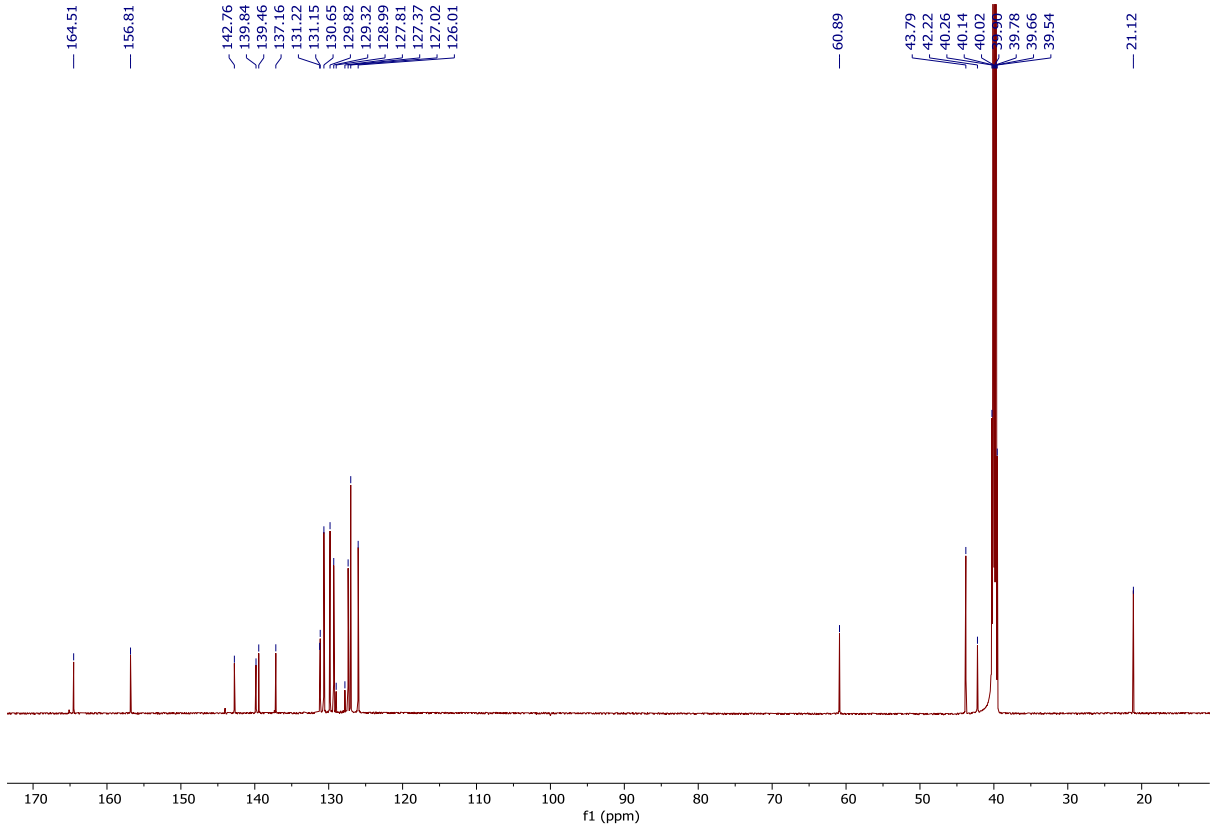
drMoenis-291.11.fid — C13CPD DMSO C:\Bruker\TOPSPIN abari 40



drMoenis-287.10.fid — PROTON DMSO C:\Bruker\TOPSPIN abari 38

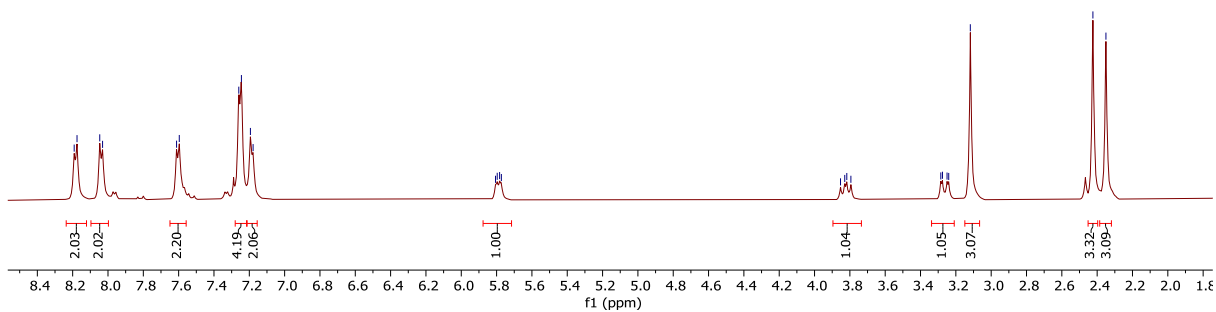
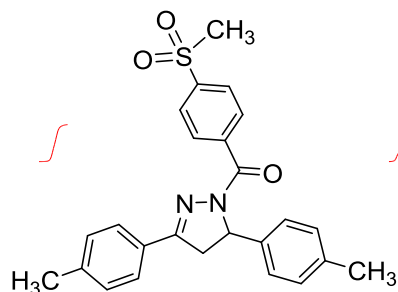
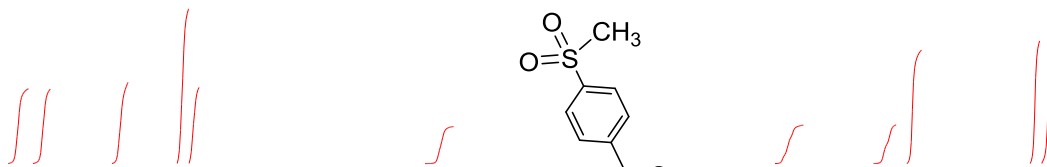


drMoenis-287.11.fid — C13CPD DMSO C:\Bruker\TOPSPIN abari 38



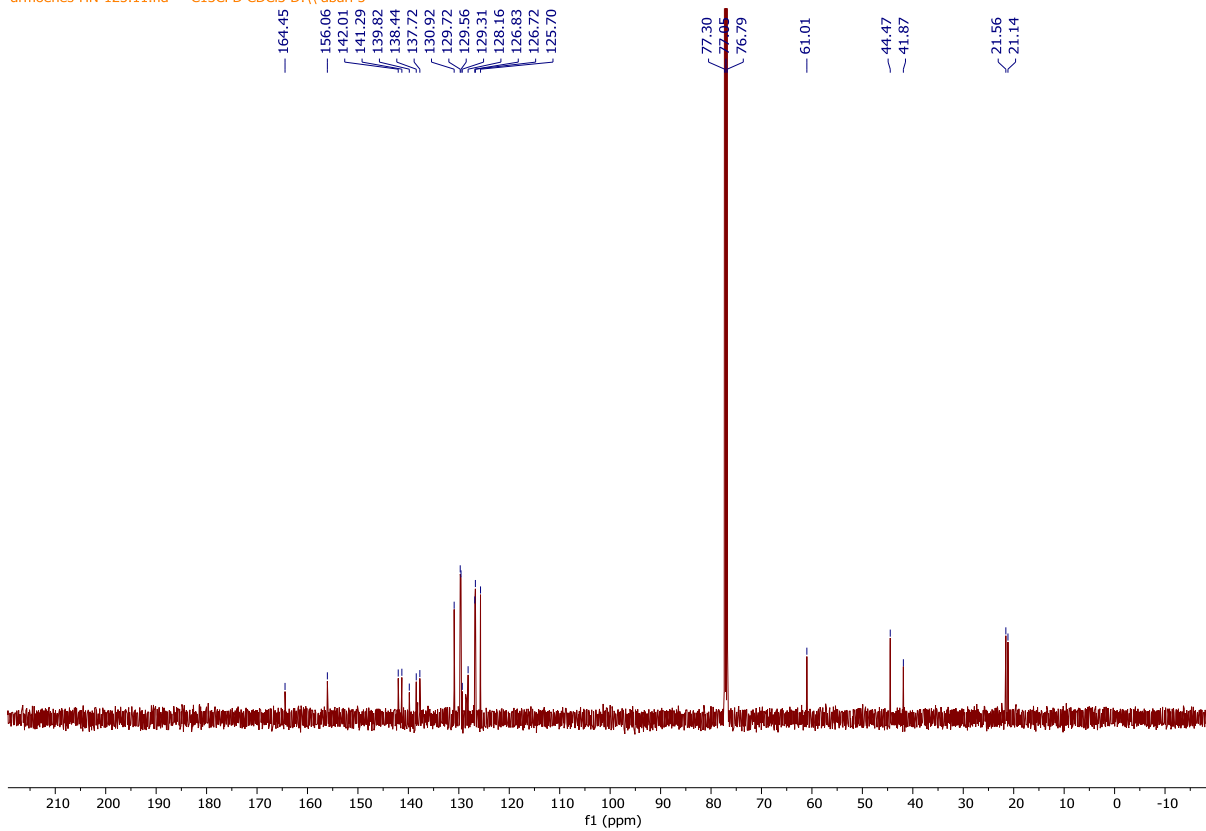
drmoenes-HN-125.10.fid — PROTON CDCI3 D:\\ abari 5

8.19 8.18 8.05 8.03 7.61 7.60 7.26 7.24 7.19 7.18 5.81 5.80 5.78 5.77 3.85 3.83 3.82 3.79 3.29 3.28 3.25 3.24 3.12 2.42 2.35

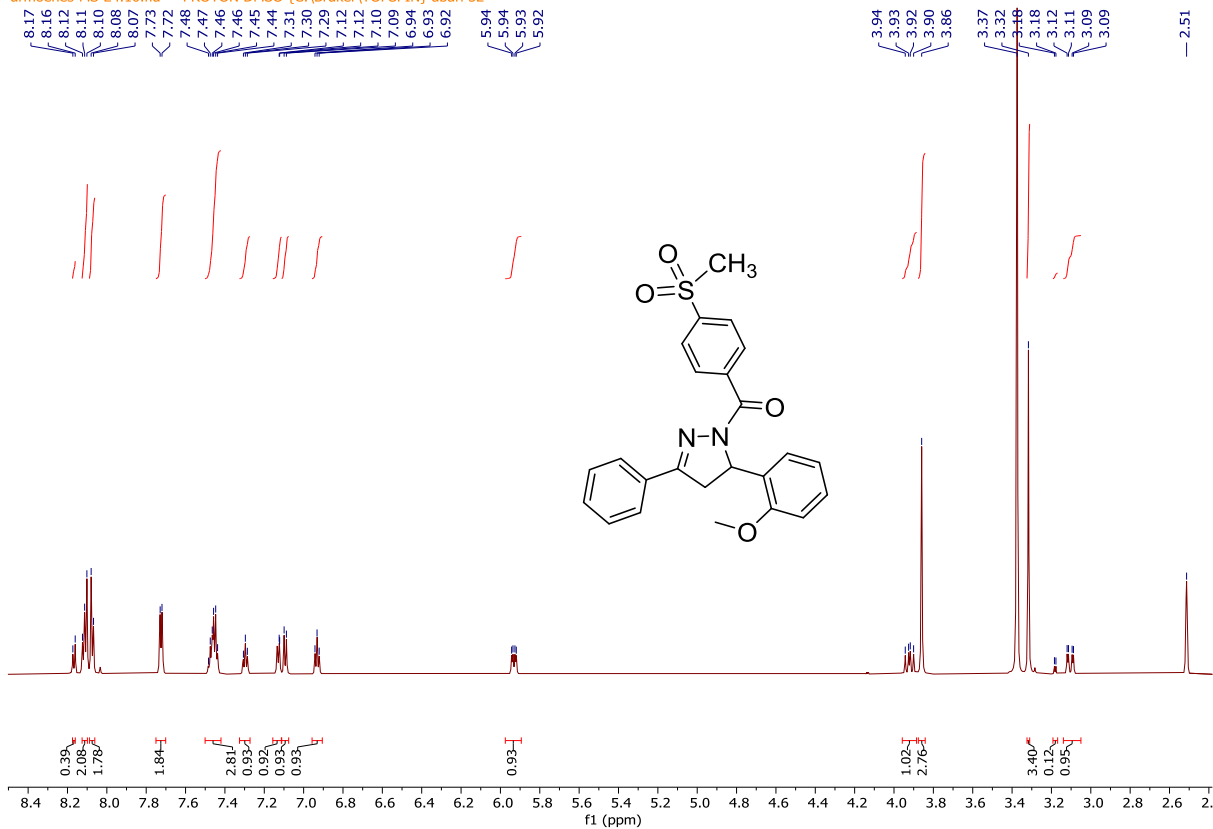


drmoenes-HN-125.11.fid — C13CPD CDCI3 D:\\ abari 5

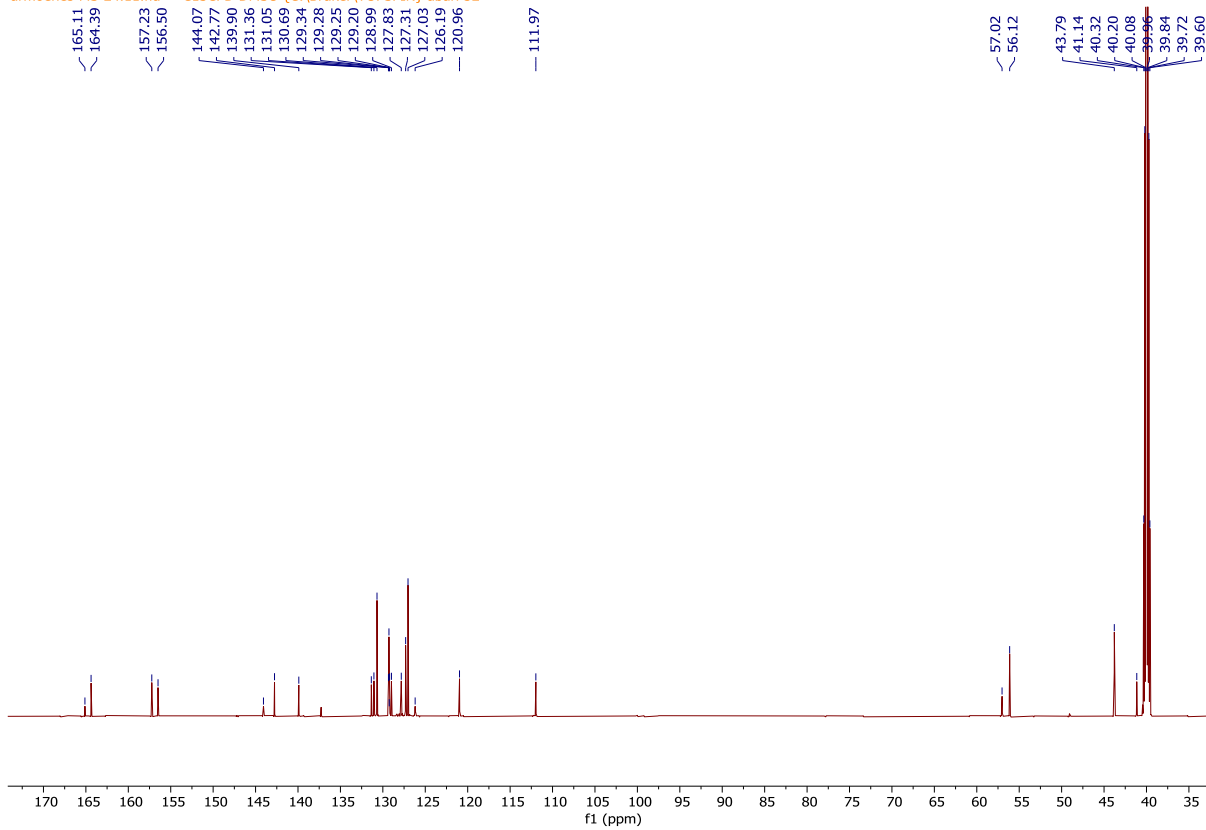
164.45 156.06 142.01 141.29 139.82 138.44 137.72 130.92 129.72 129.56 129.31 128.16 126.83 126.72 125.70 77.30 77.05 76.79 61.01 44.47 41.87 21.56 21.14



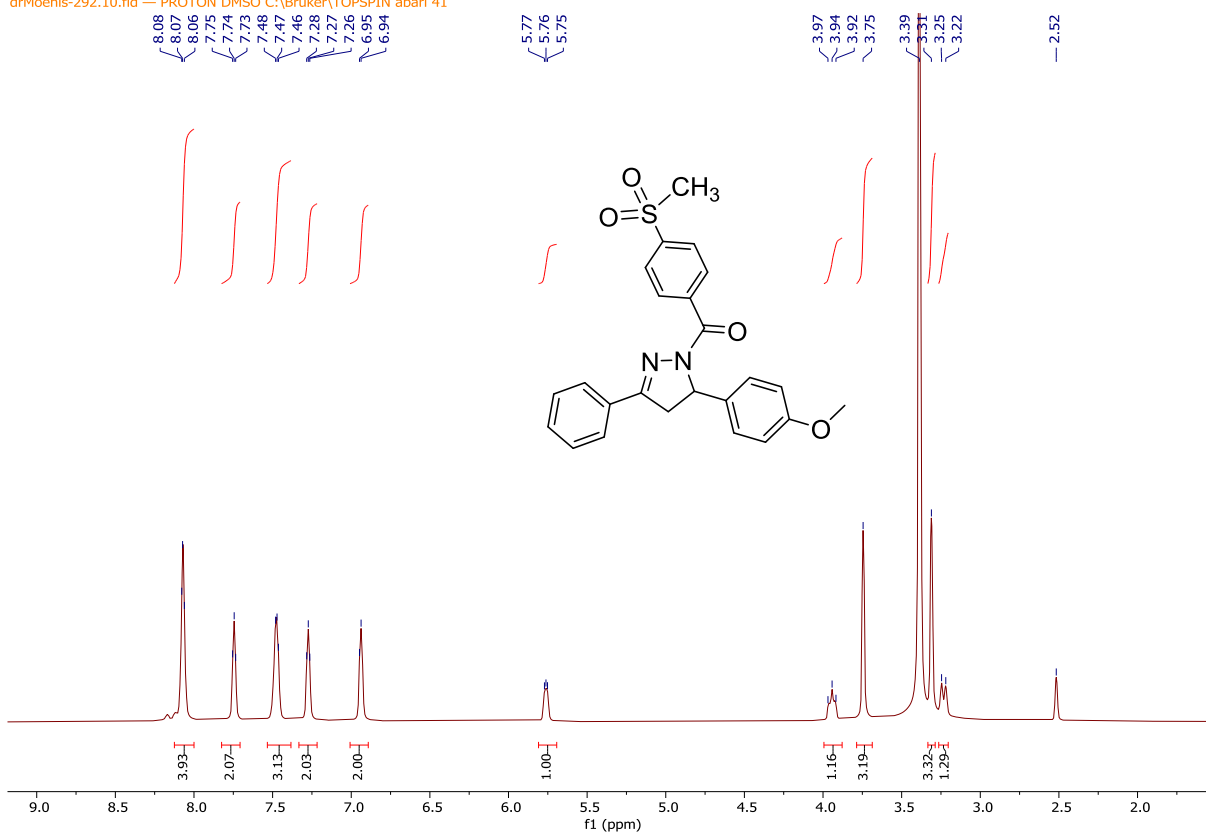
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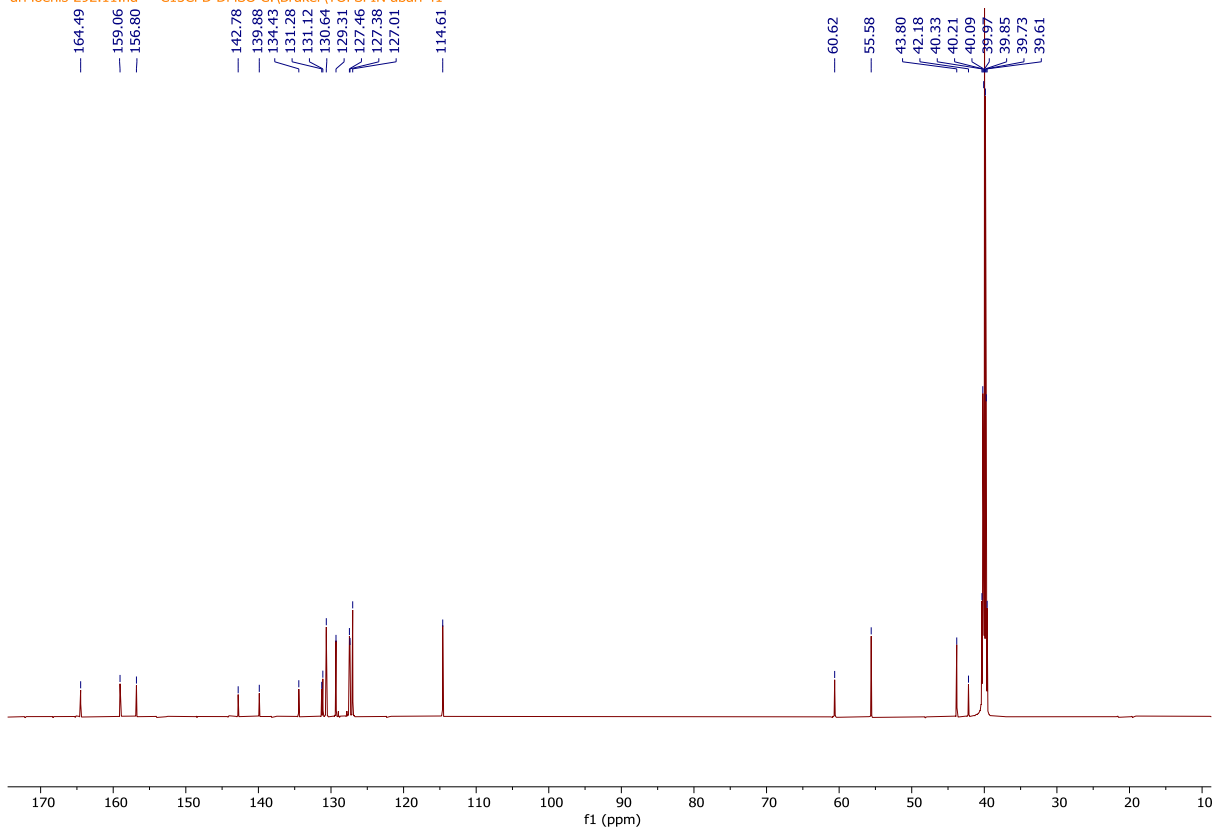
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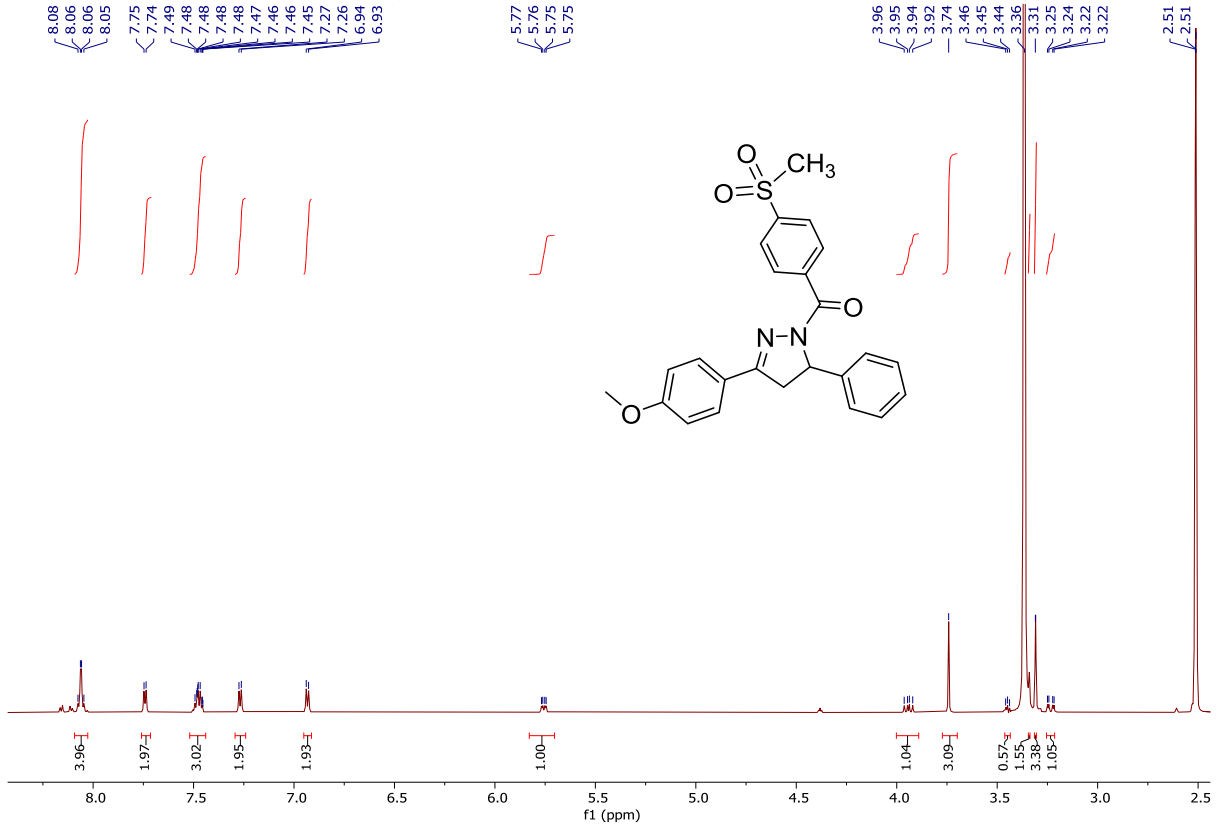
drMoenis-292.10.fid — PROTON DMSO C:\Bruker\TOPSPIN abari 41



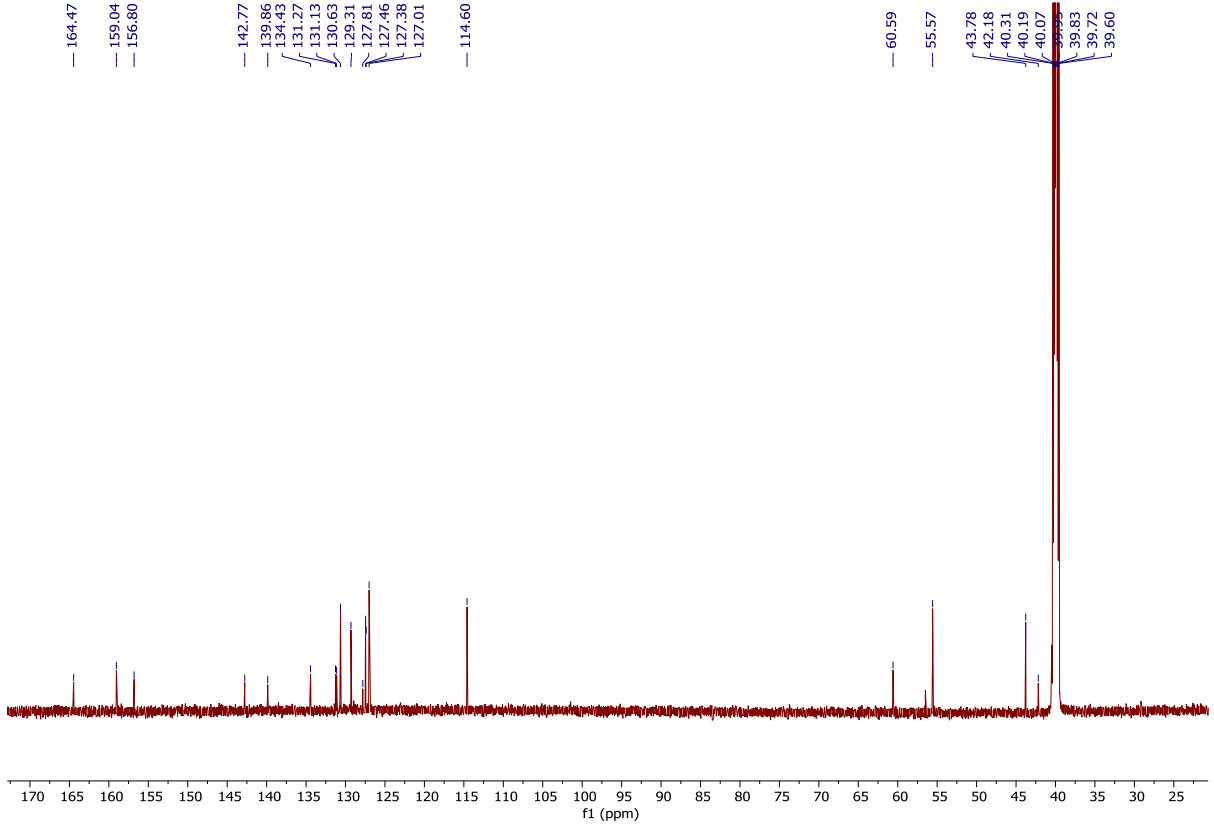
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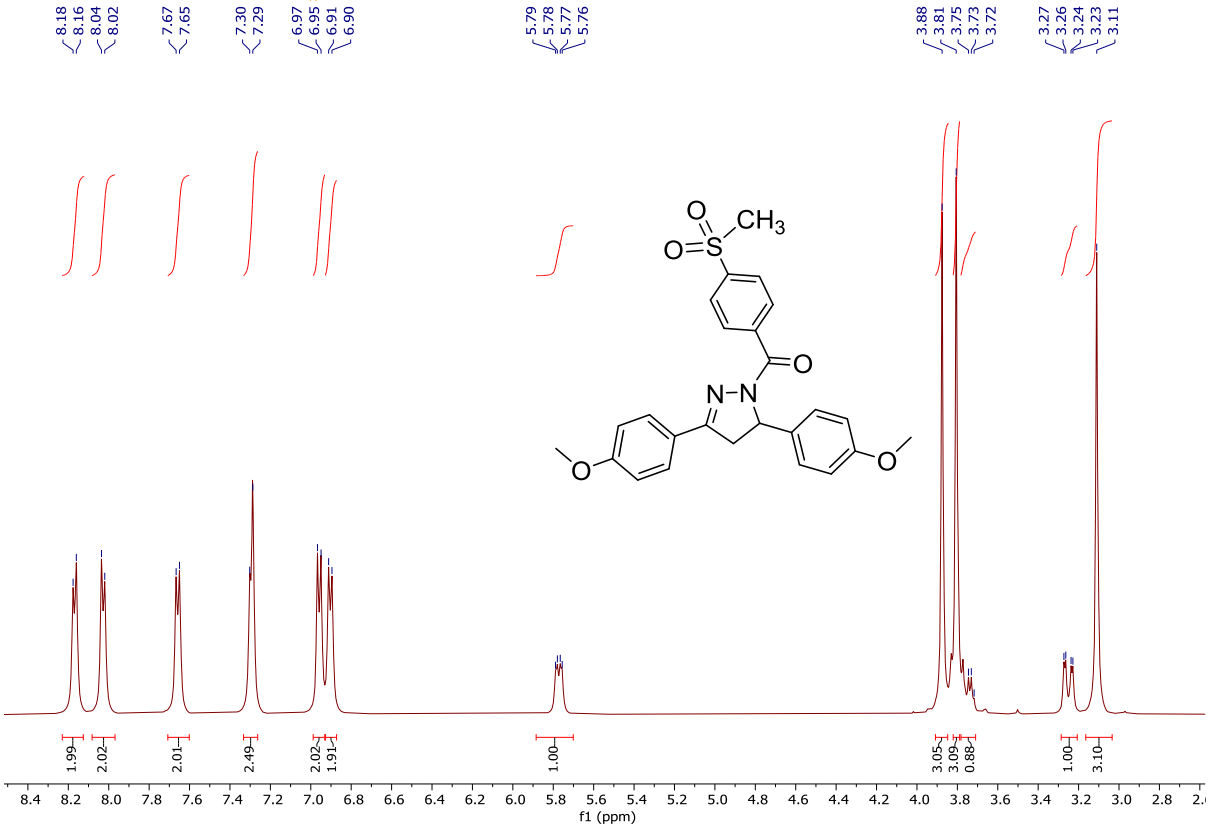
drMoenis-114.10.fid — PROTON DMSO (C:\Bruker\TOPSPIN) abari 29



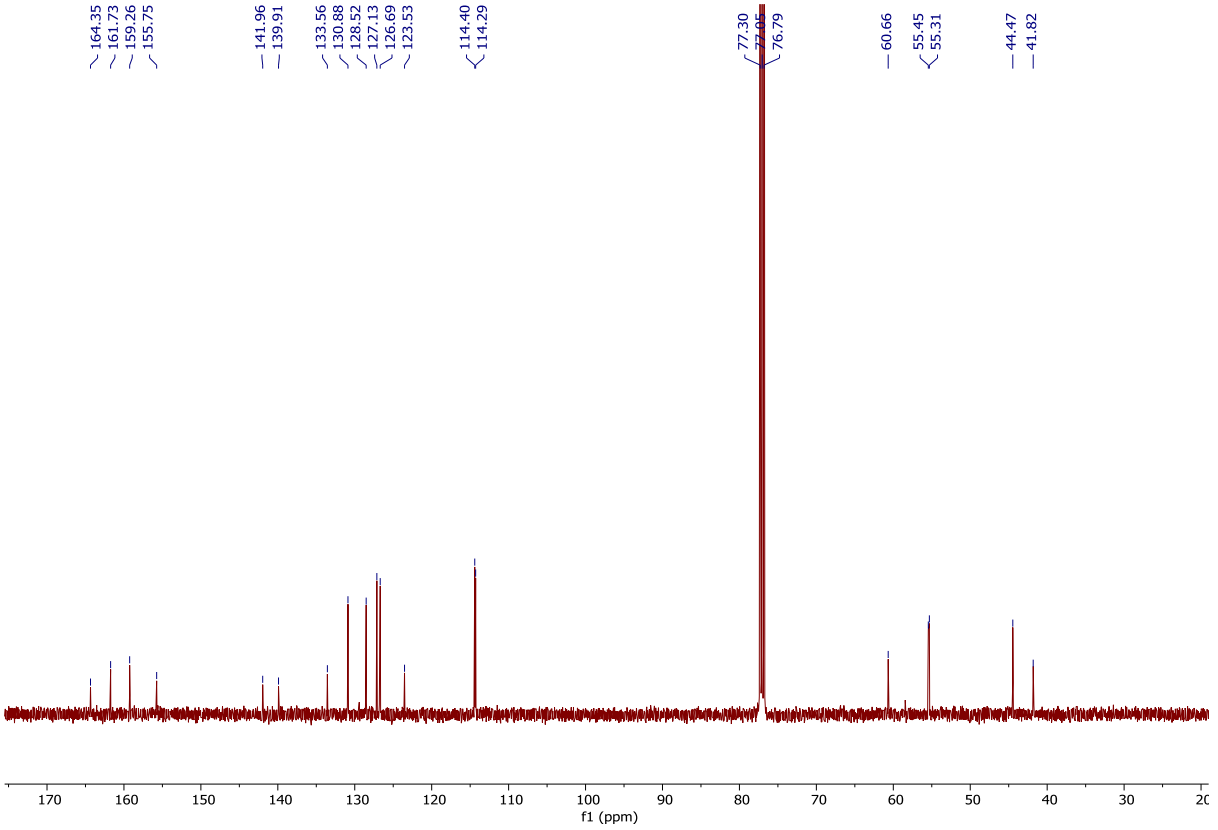
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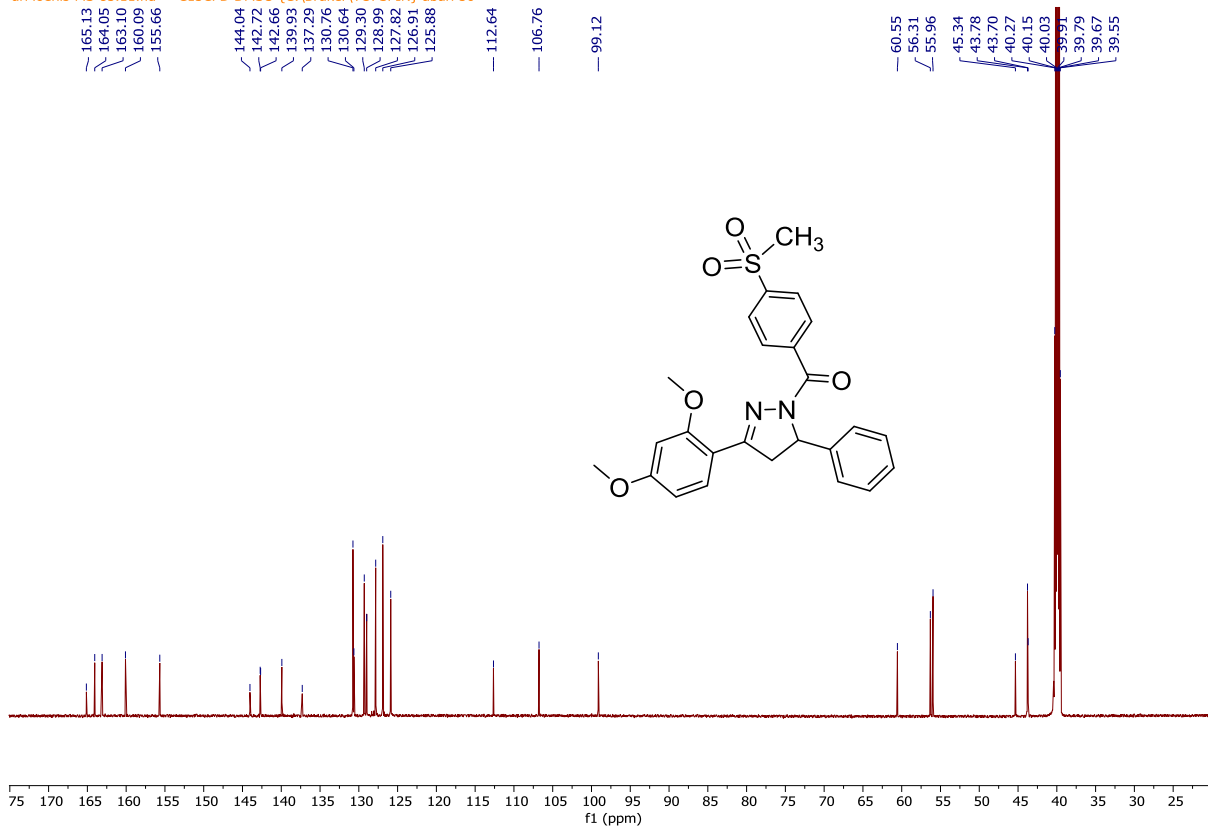
drmoenes-HN-121.10.fid — PROTON CDCl3 D:\ abari 1



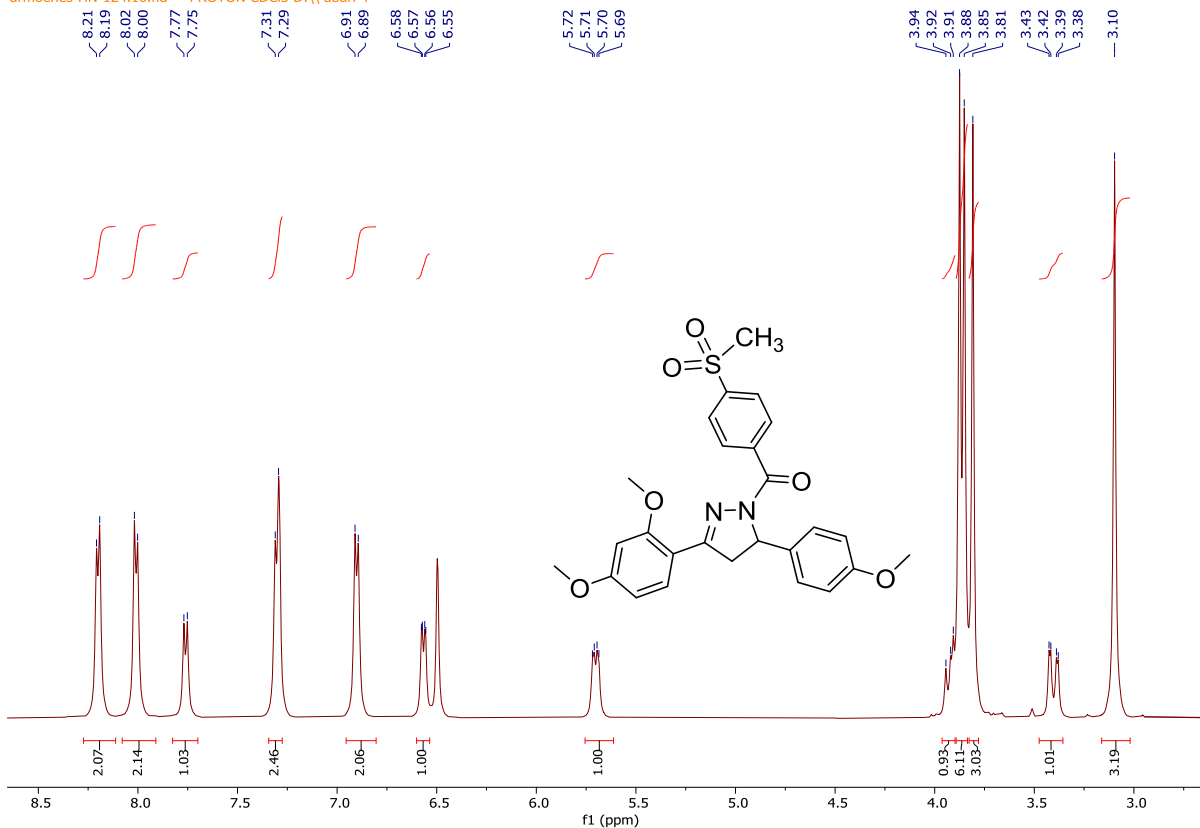
drmoenes-HN-121.11.fid — C13CPD CDCl3 D:\ abari 1



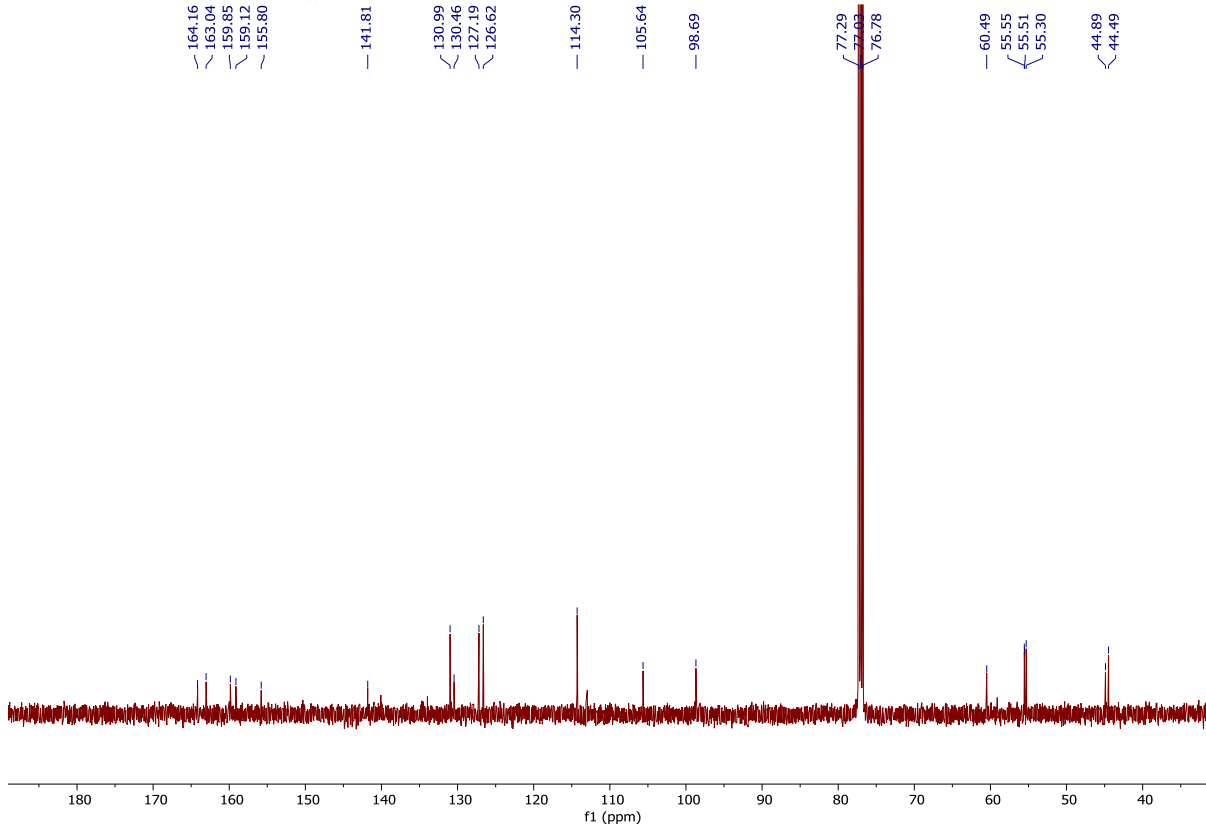
drMoenis-M5-85.11.fid — C13CPD DMSO (C:\Bruker\TOPSPIN) abari 56



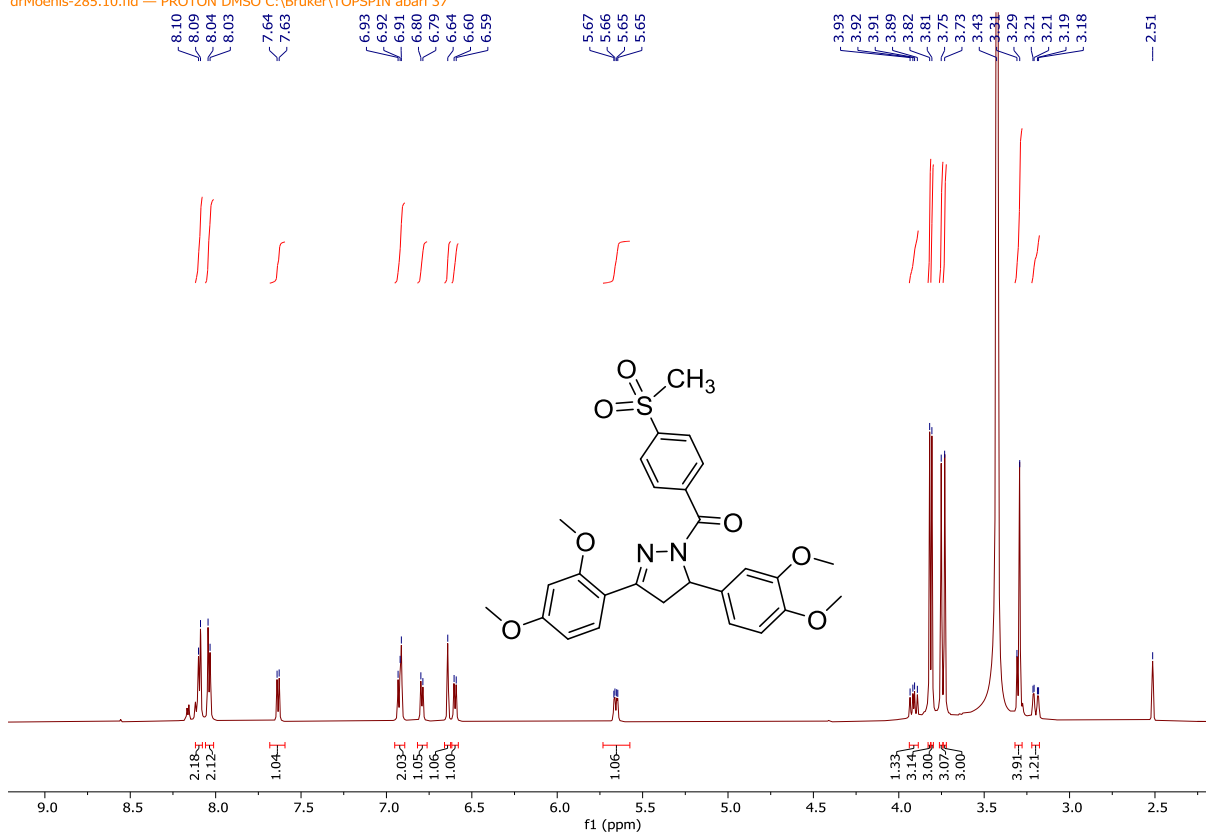
drmoenes-HN-124.10.fid — PROTON CDCI3 D:\\ abari 4



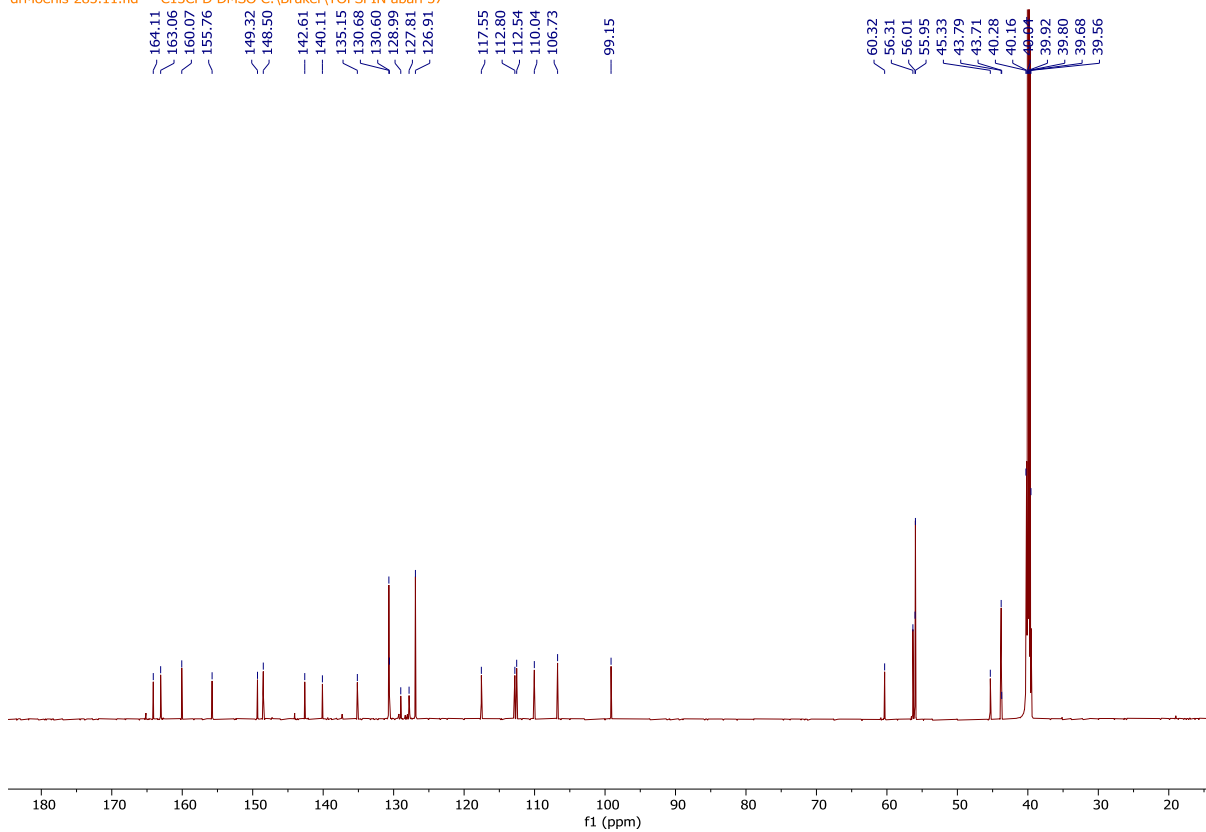
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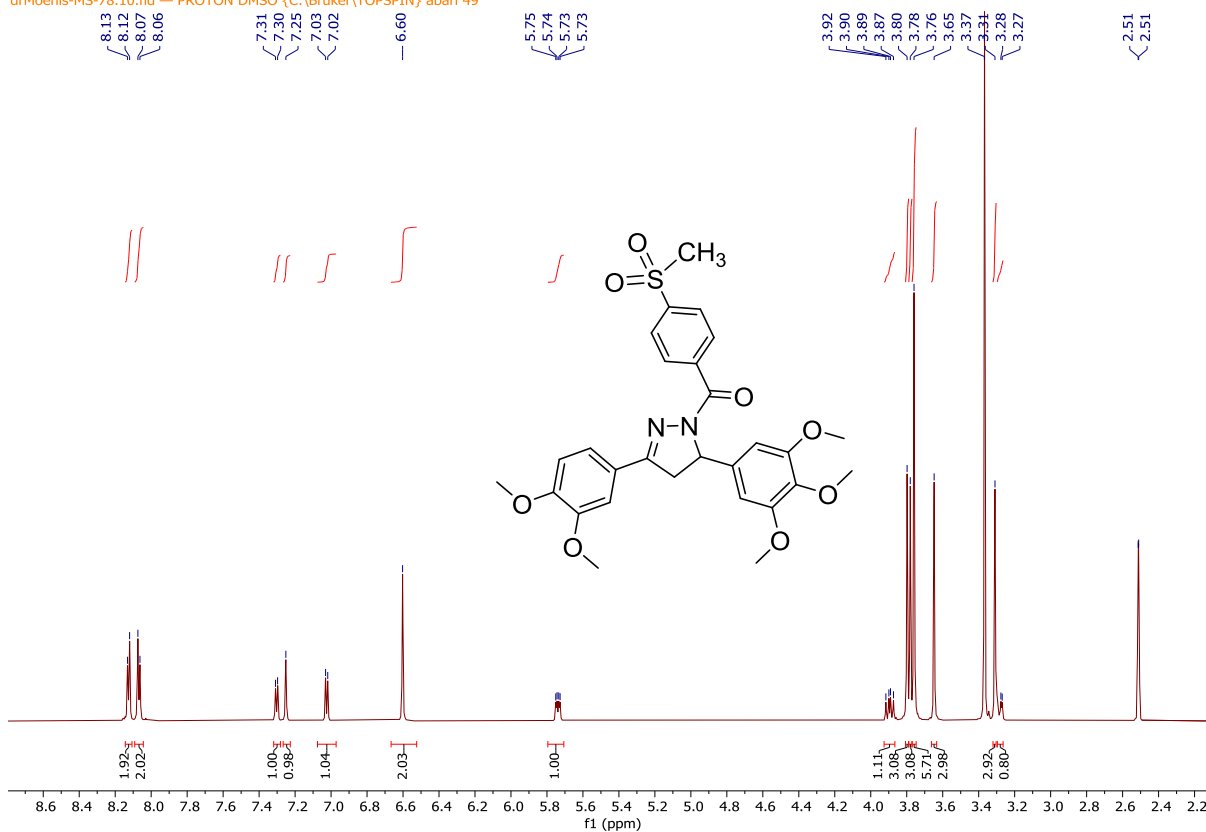
drMoenis-285.10.fid — PROTON DMSO C:\Bruker\TOPSPIN abari 37



drMoenis-285.11.fid — C13CPD DMSO C:\Bruker\TOPSPIN abari 37



drMoenis-MS-78.10.fid — PROTON DMSO {C:\Bruker\TOPSPIN} abari 49



drMoenis-MS-78.11.fid — C13CPD DMSO {C:\Bruker\TOPSPIN} abari 49

