

Supplementary materials

Photocatalytic Synthesis of Coumarin Derivatives Using Visible-Light-Responsive Strawberry Dye-Sensitized Titanium Dioxide Nanoparticles

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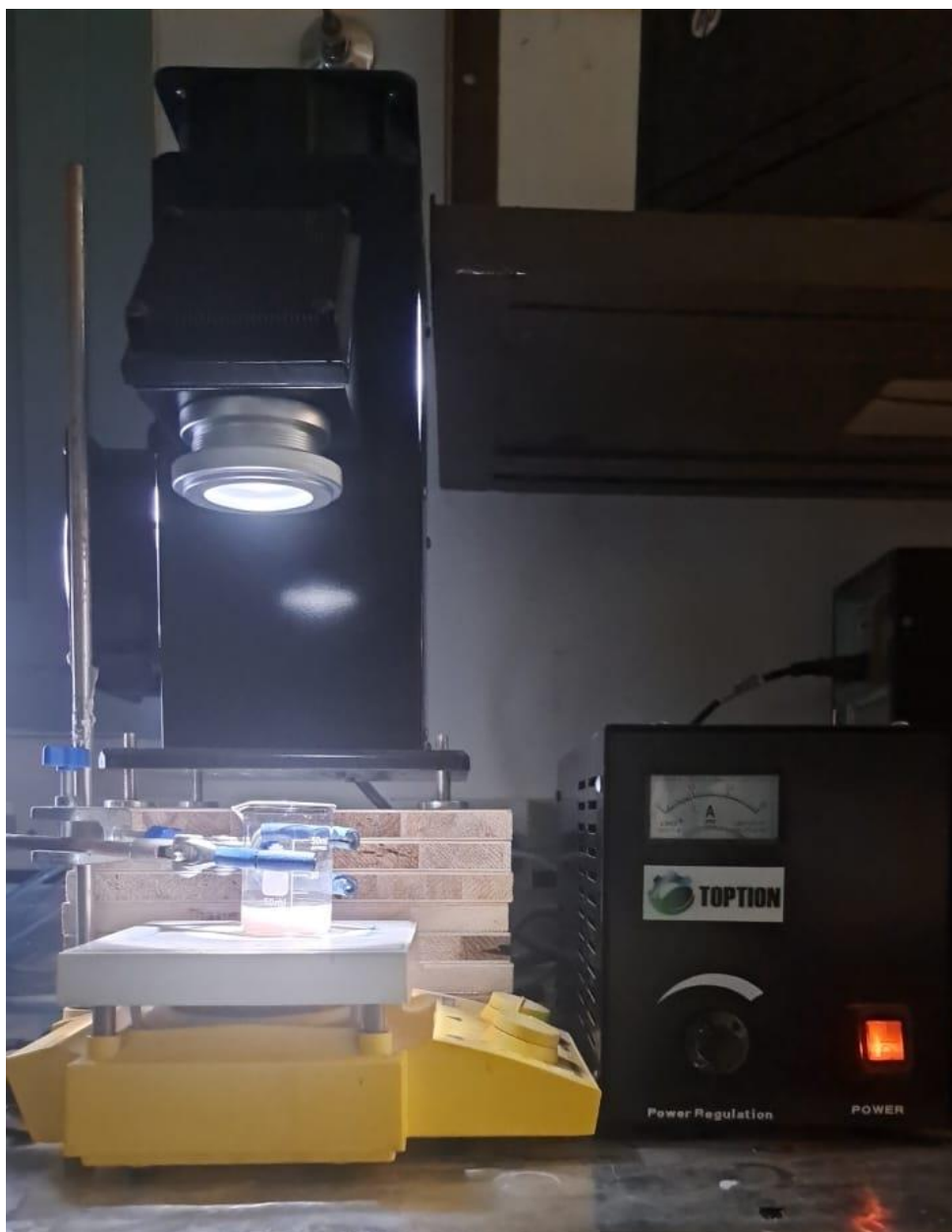
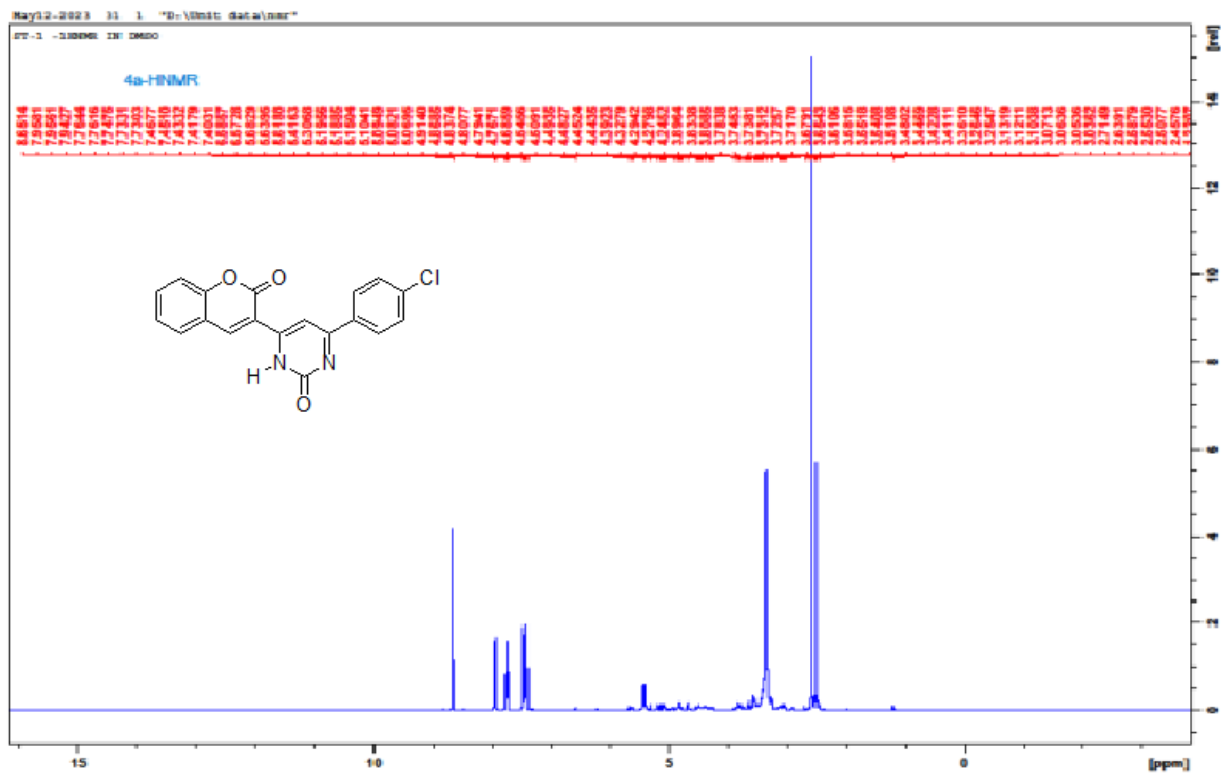


Figure S1. The digital images for reaction setup along with lamb sources (UV-vis light using a 500W Xenon/UV cut-off filter (< 420 nm)).

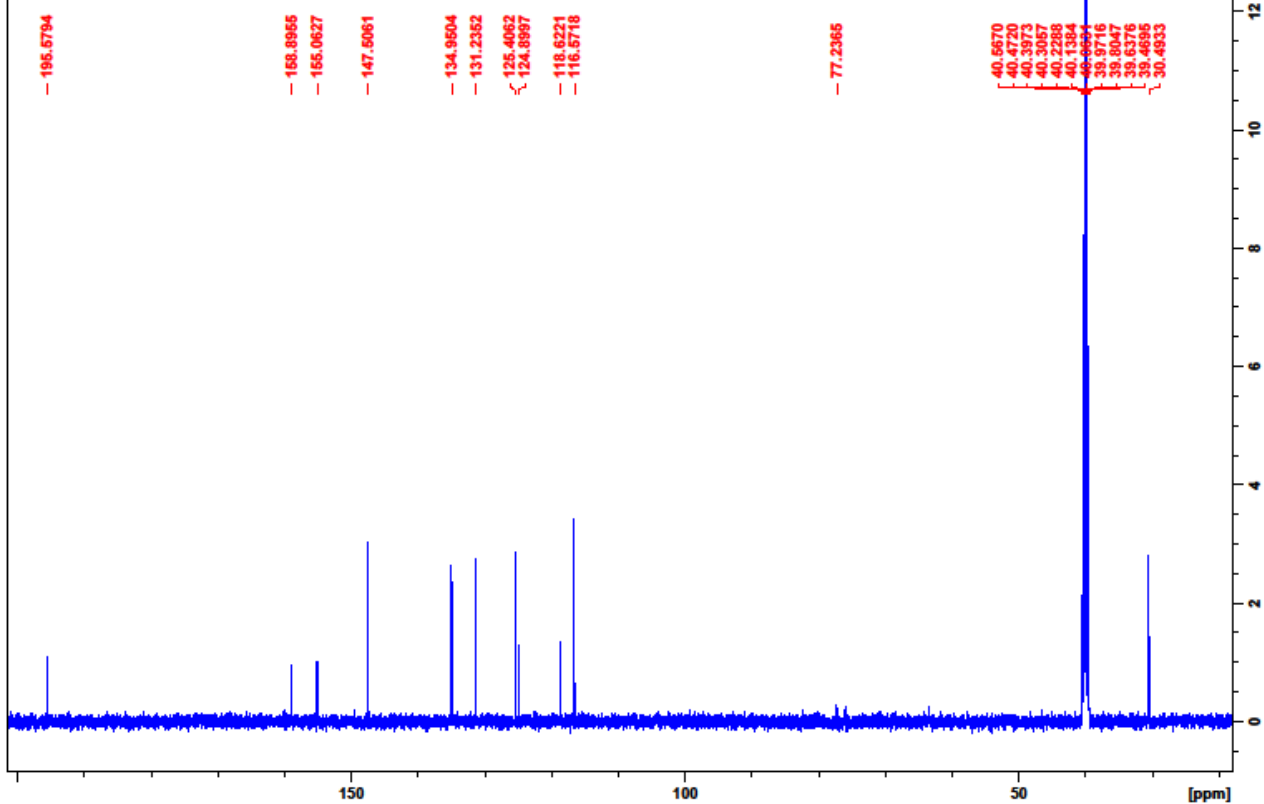
Figure S2. NMR Data of synthesized compounds (**4a-h**).



May12-2023 32 1 *D:\Unit data\nmr*

ST-1 C13 IN DMSO

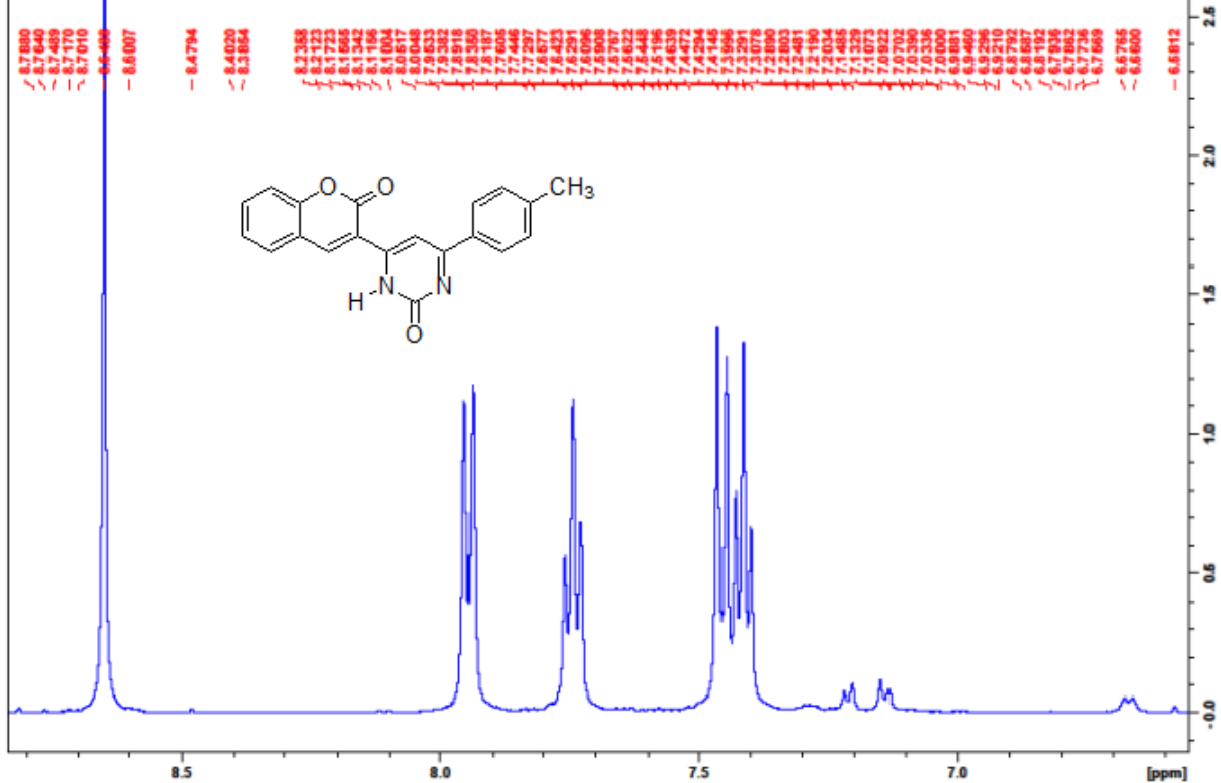
4a-13CNMR



May18-2023 20 1 *D:\Unit data\nmr*

BT-6 - 100MHz - IN DMF0

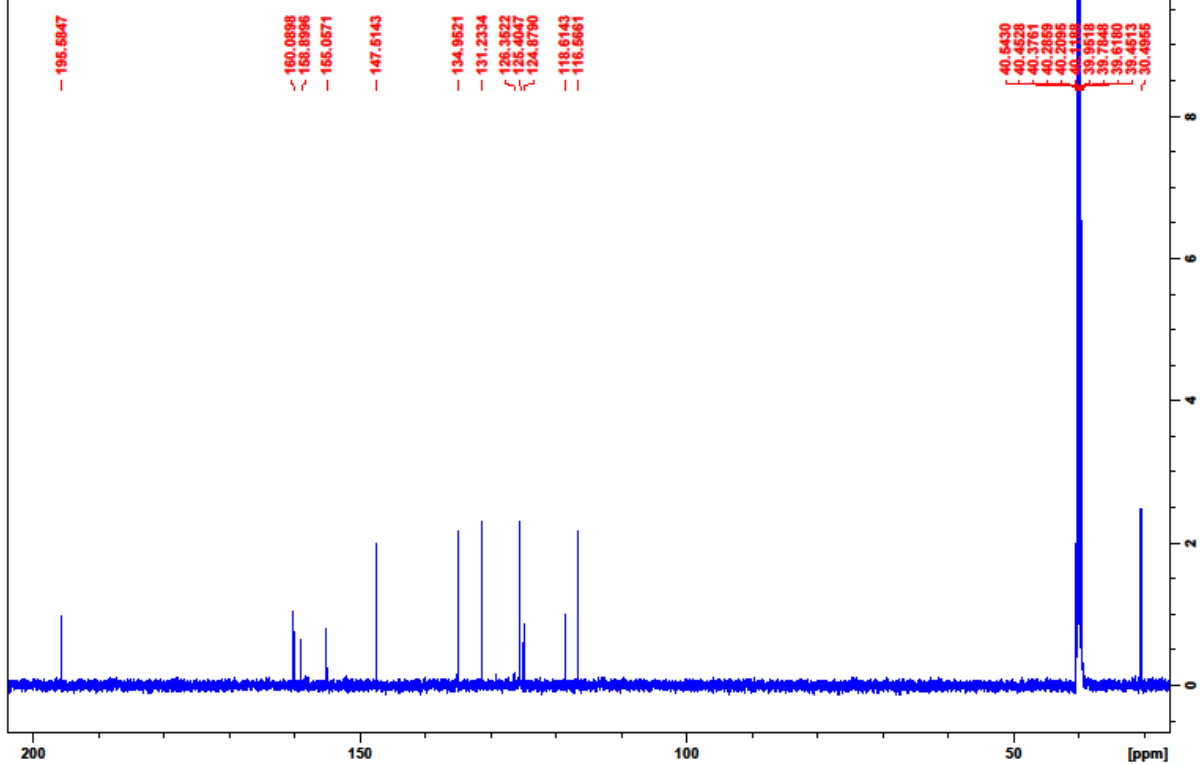
4b-1HNMR



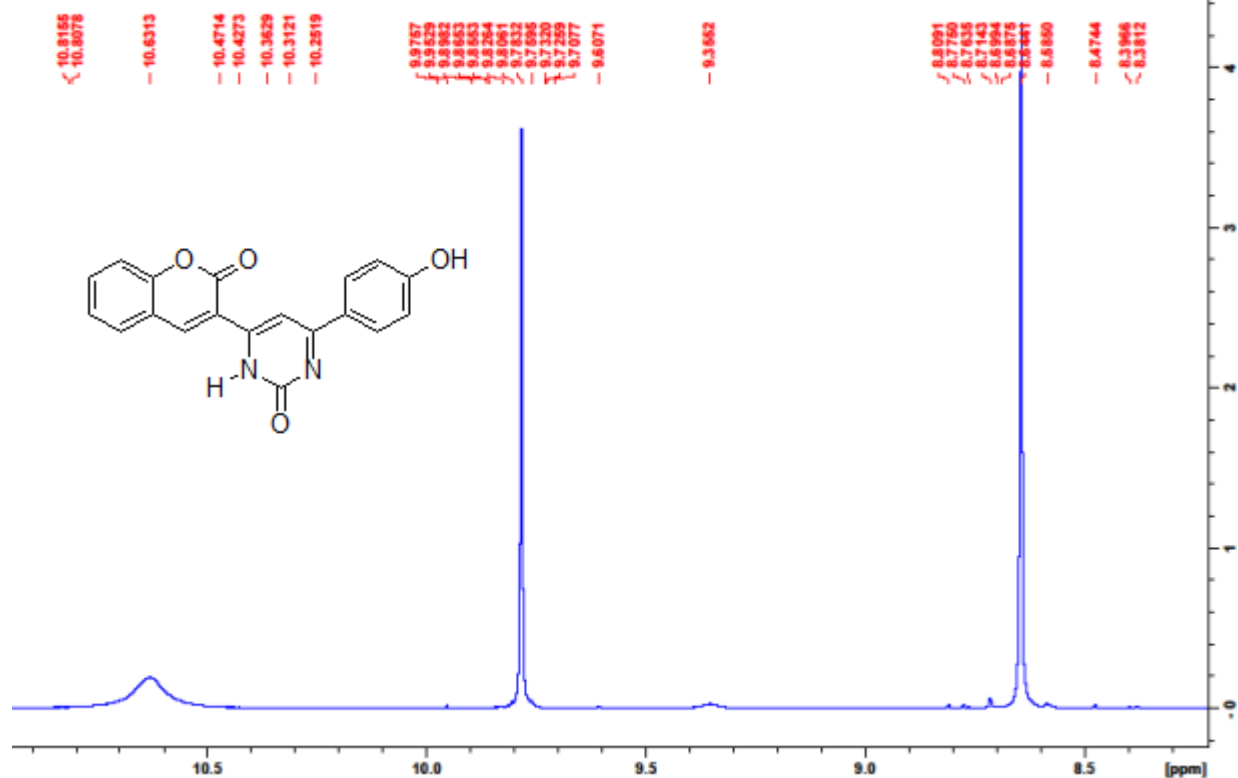
May18-2023 22 1 "D:\Unit data\nmr"

ST-6 - C13 - IN DMSO

4b-13CNMR



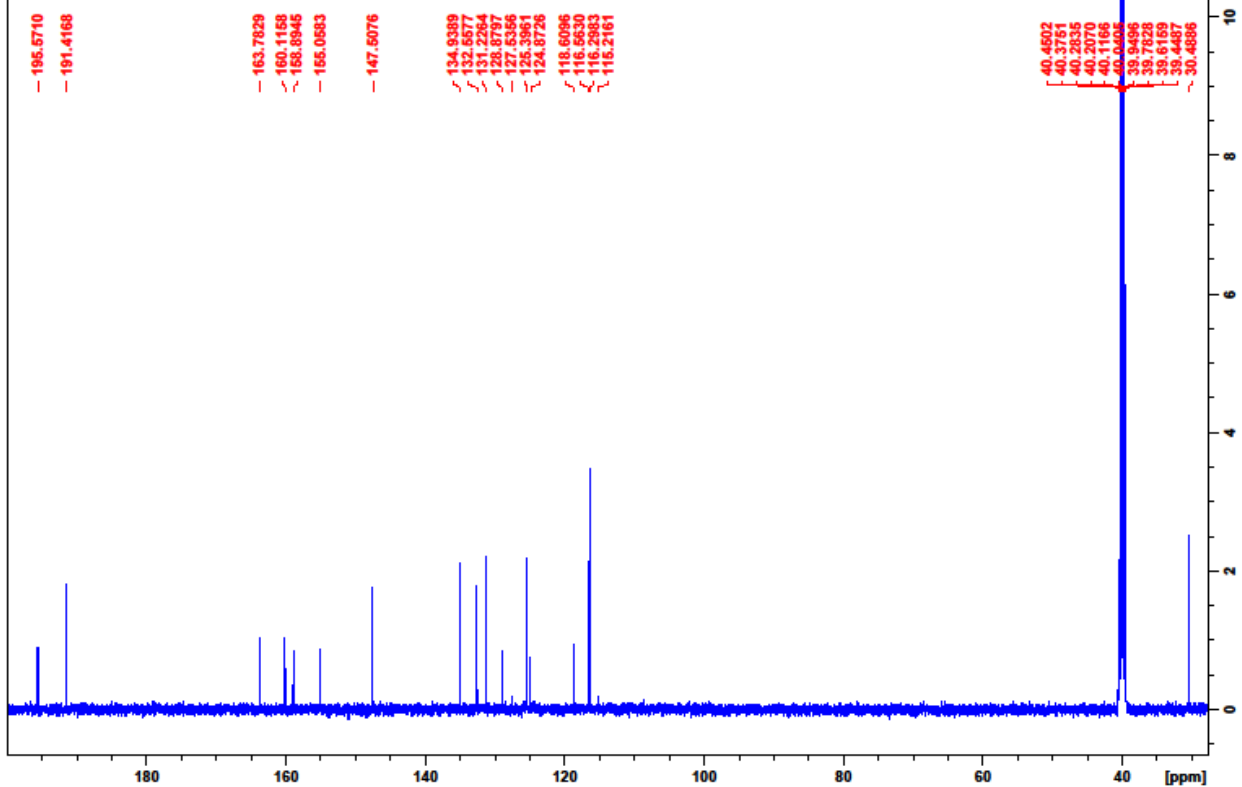
4c-1HNMR



May16-2023 22 1 "D:\Unit data\nmr"

BT-3 - C13 - IN DMSO

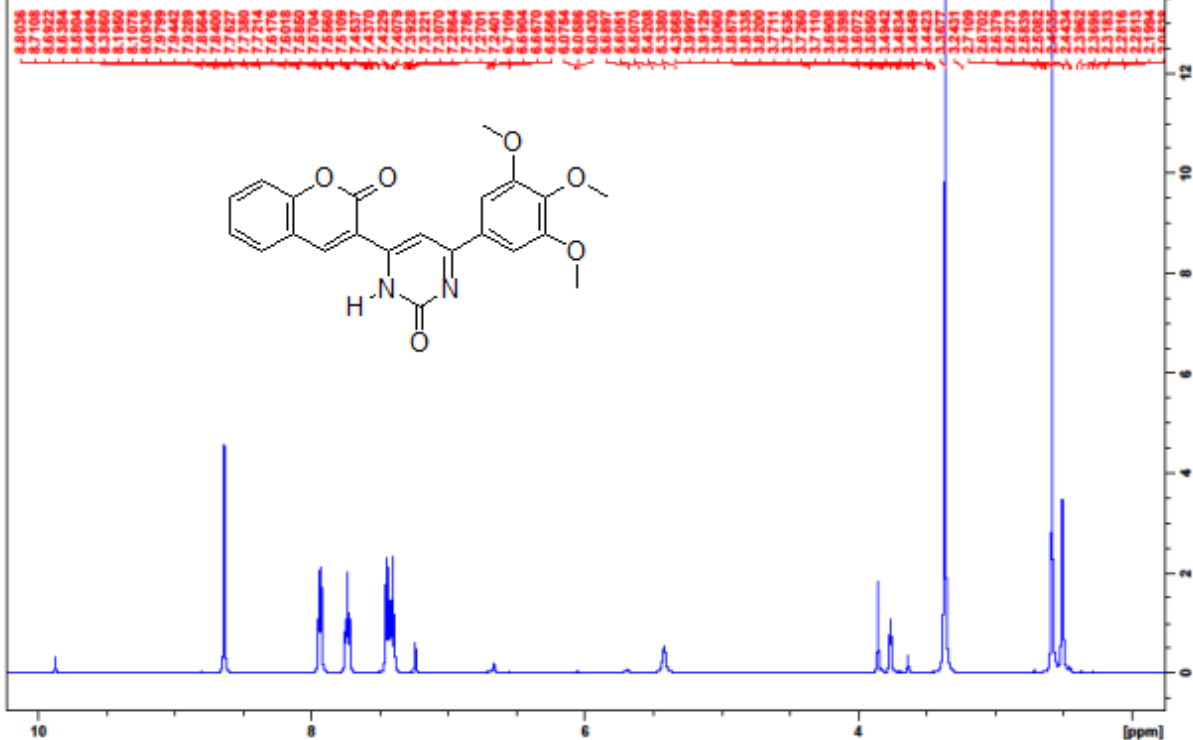
4c-13CNMR



May18-2023 31 1 *D:\Unit data\hmr*

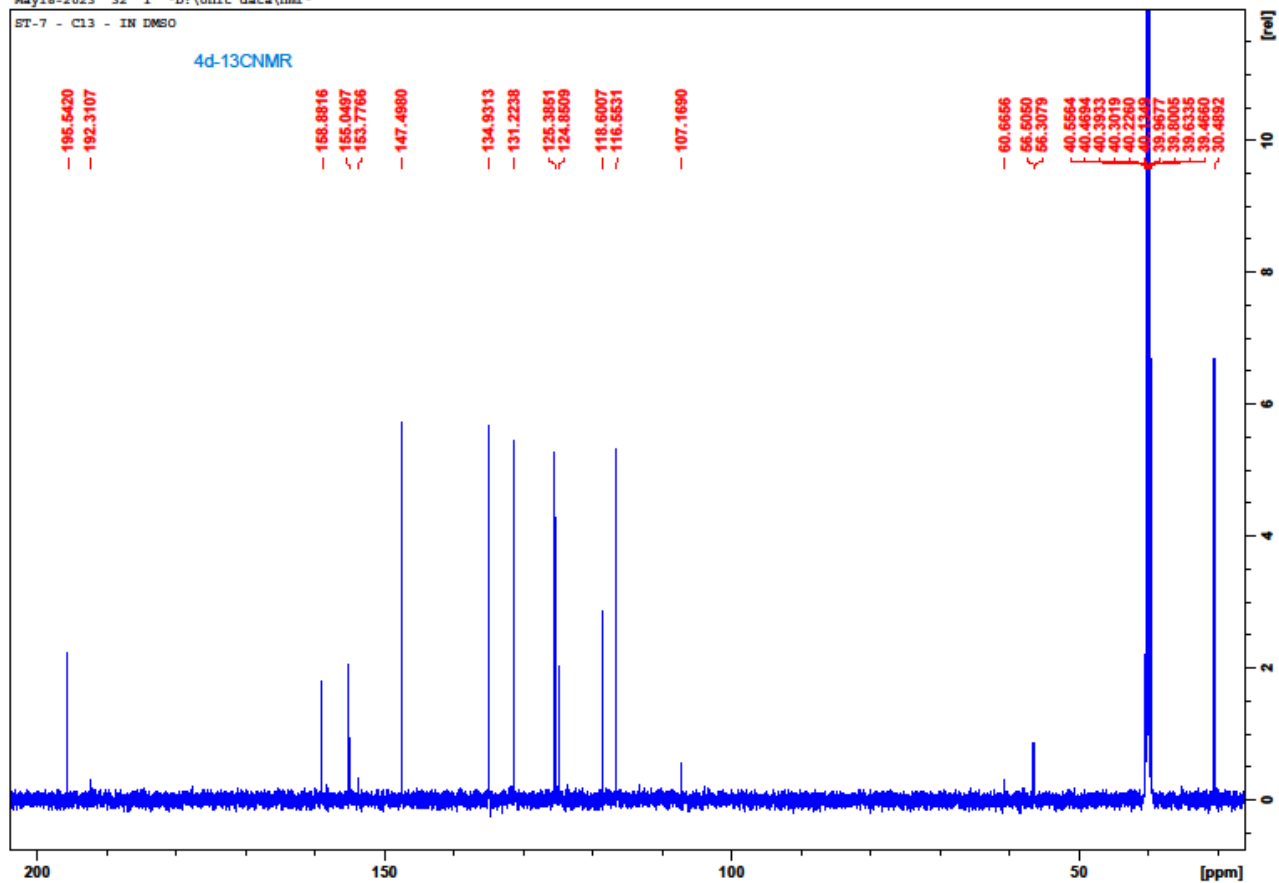
ST-7 - 1H NMR - IN DMSO

4d-1HNMR



May18-2023 32 1 "D:\Unit data\nmr"

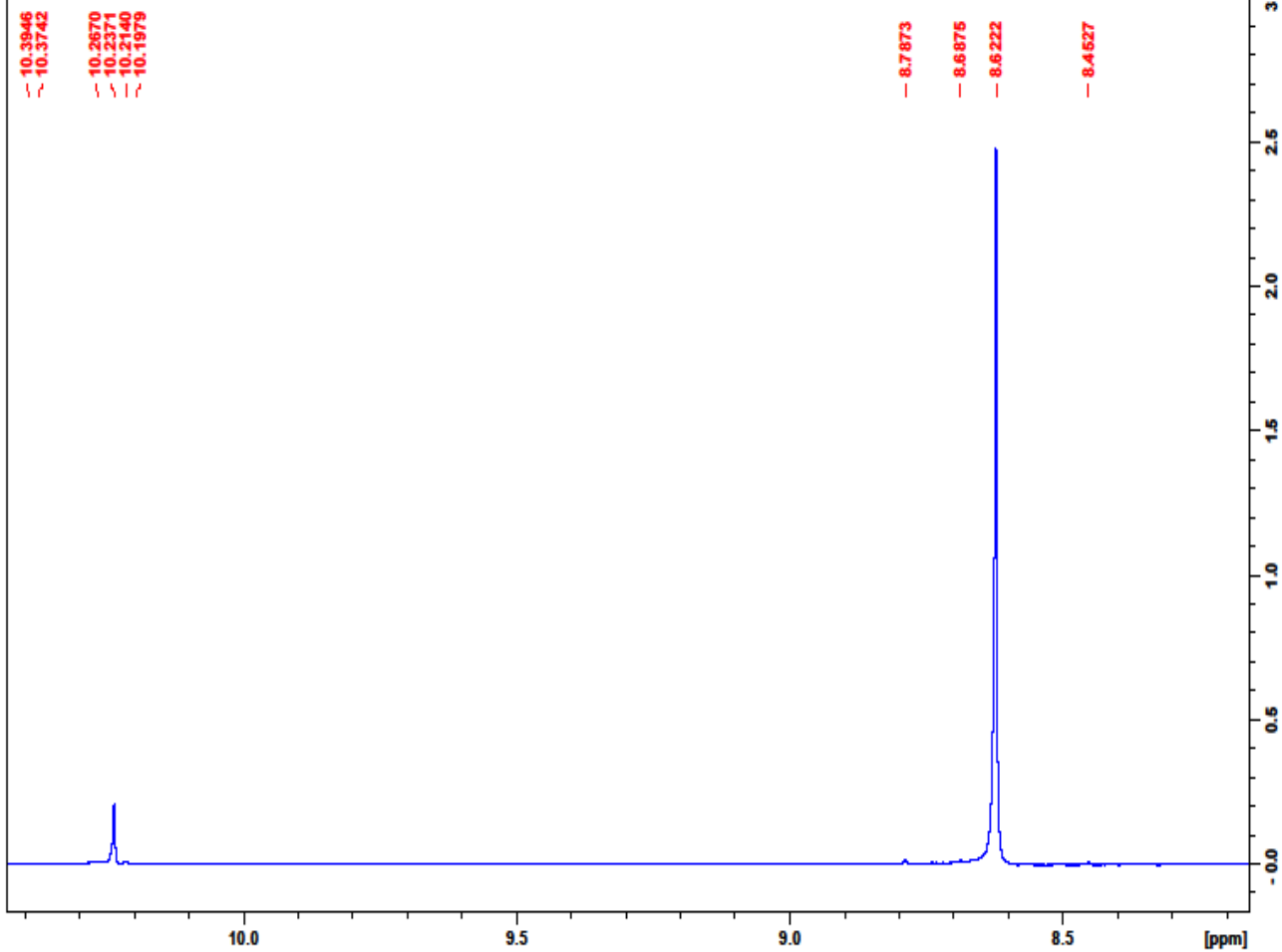
ST-7 - C13 - IN DMSO



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ST-2 - 1HNMR - IN DMSO

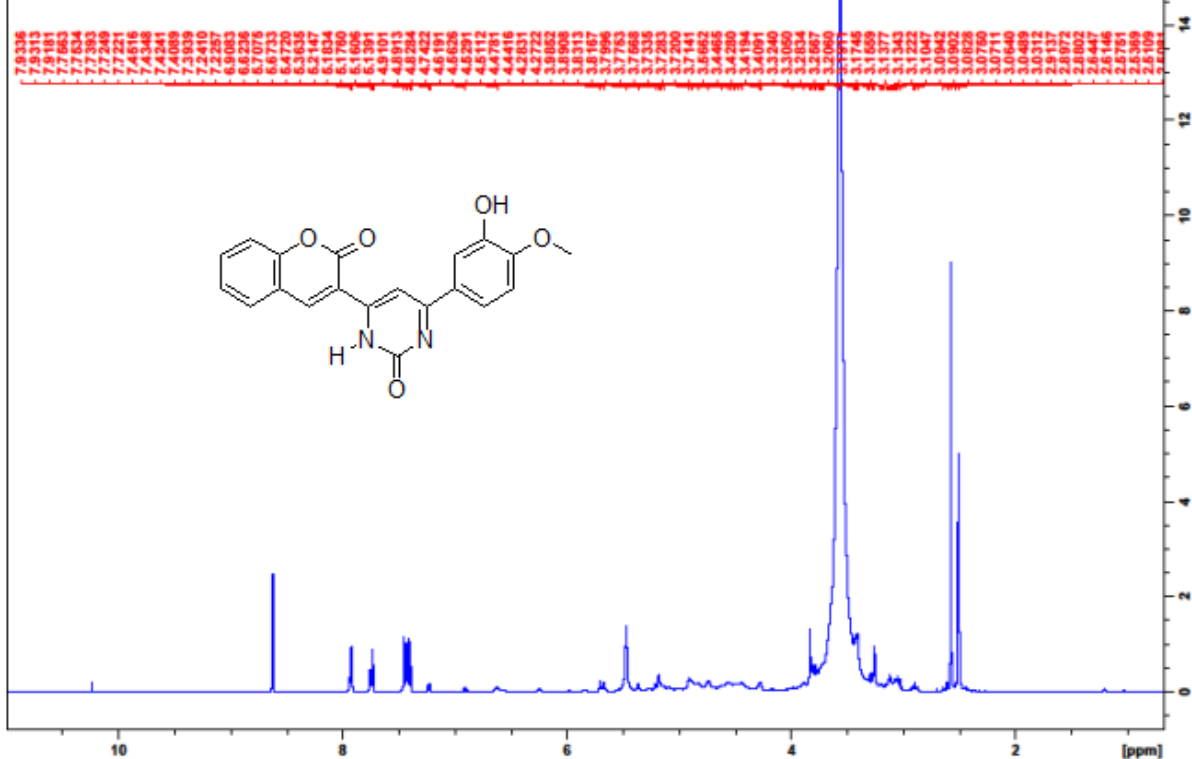
4e-1 1HNMR



May15-2023 31 1 "D:\Unit data\nmr"

ST-2 - 100000 - IN DMF-D

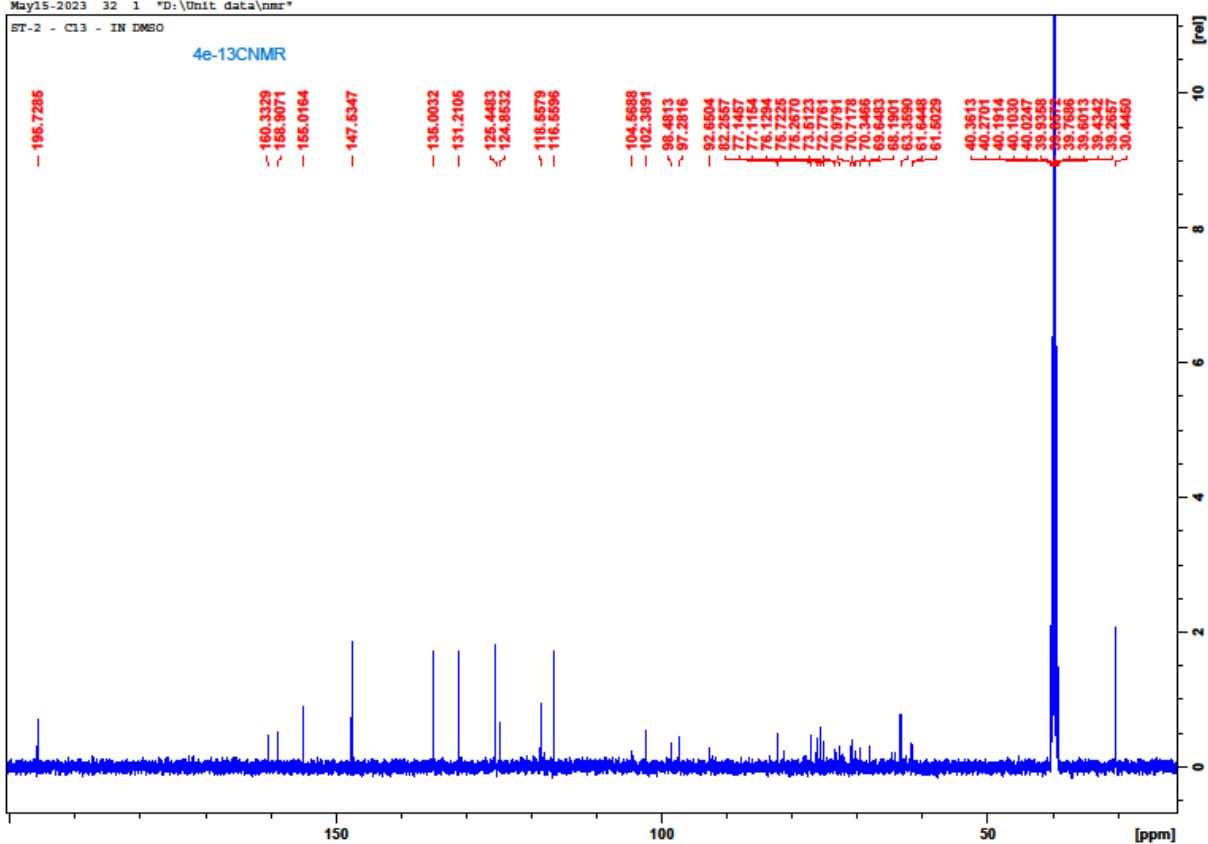
4e-2 1HNMR



May15-2023 32 1 *D:\Unit data\nmr*

ST-2 - C13 - IN DMSO

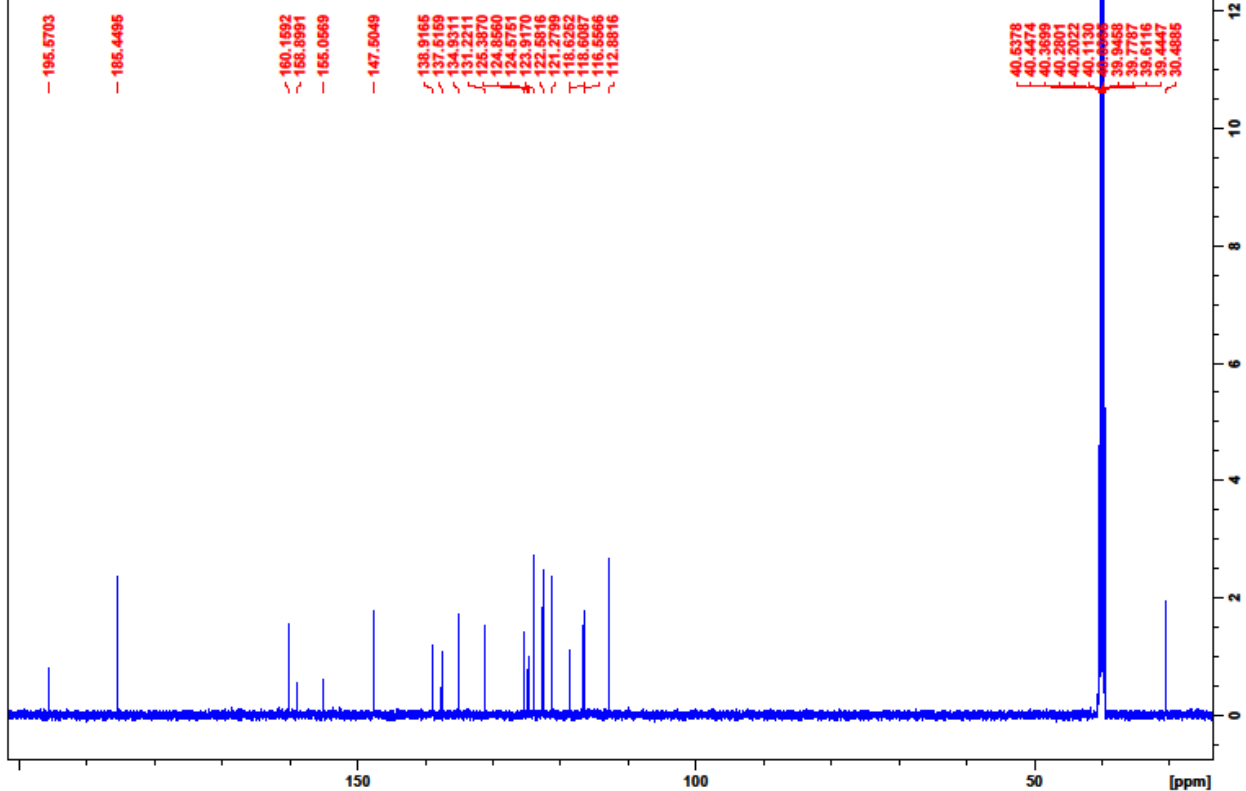
4e-13CNMR



May18-2023 12 1 "D:\Unit data\nmr"

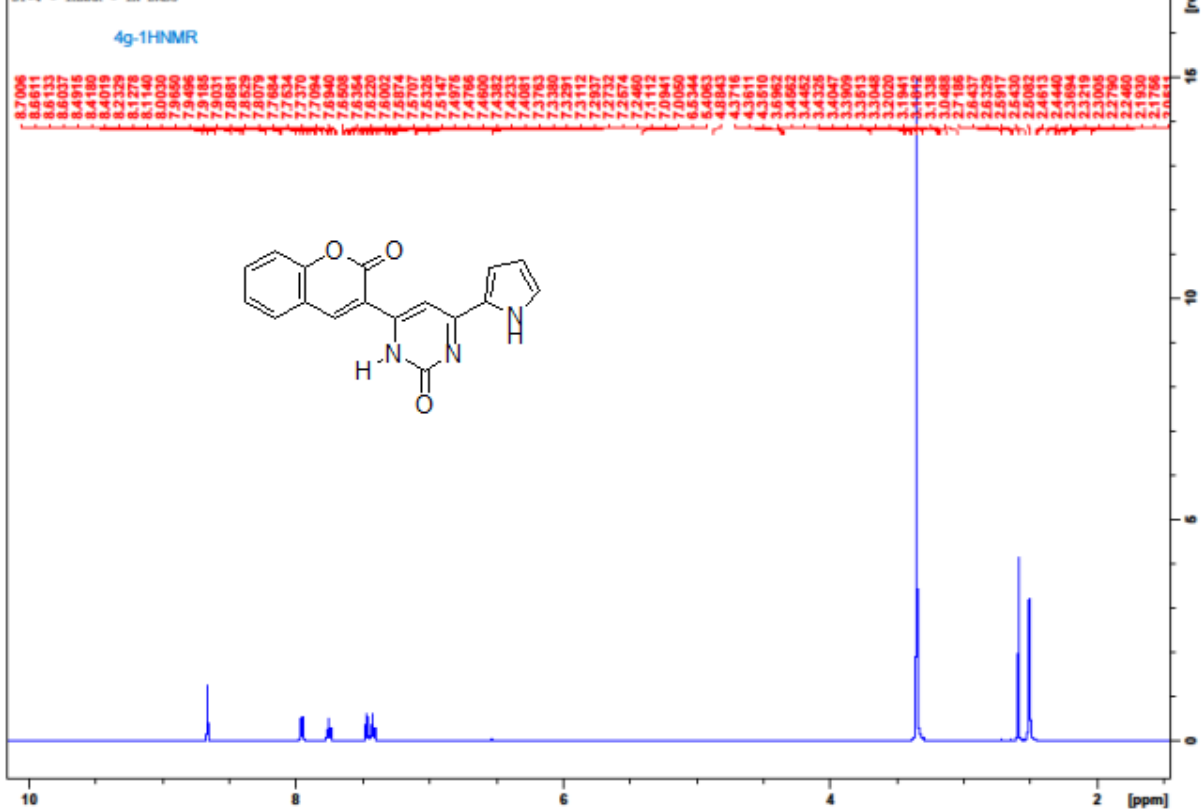
ST-5 - C13 - IN DMSO

4f-13CNMR



May16-2023 31 1 *D:\Unit data\lme*

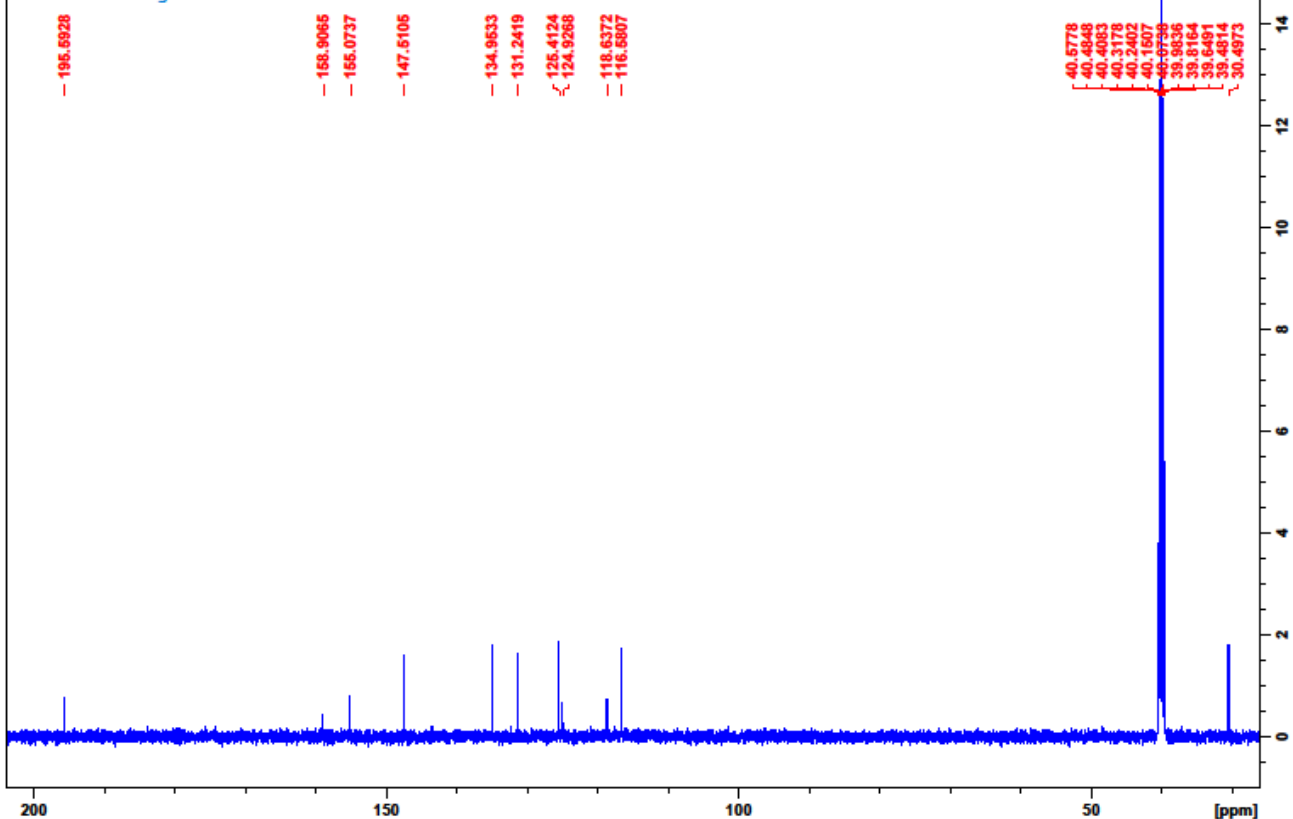
BT-4 - 1HMR - IN DMSO



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ST-4 - 1HNMNR - IN DMSO

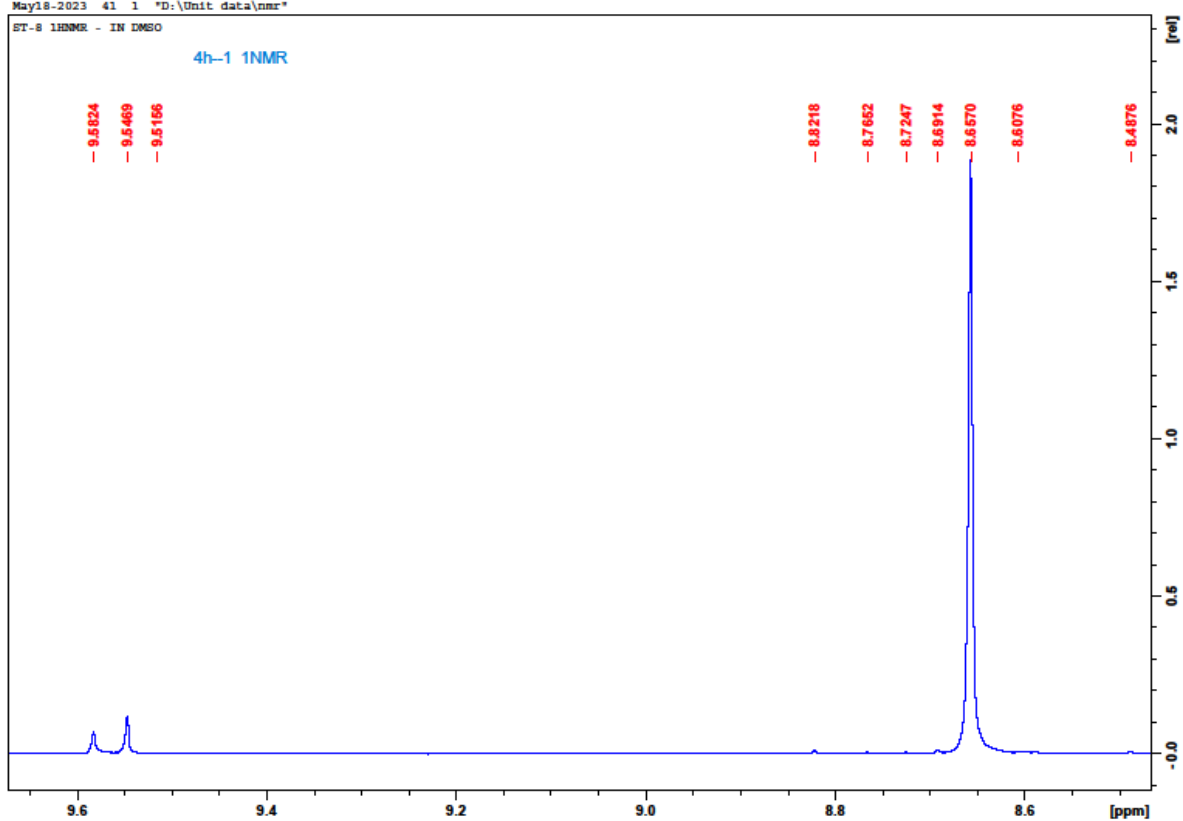
4g-13CNMR



May18-2023 41 1 "D:\Unit data\nmr"

ST-8 1HDMR - IN DMSO

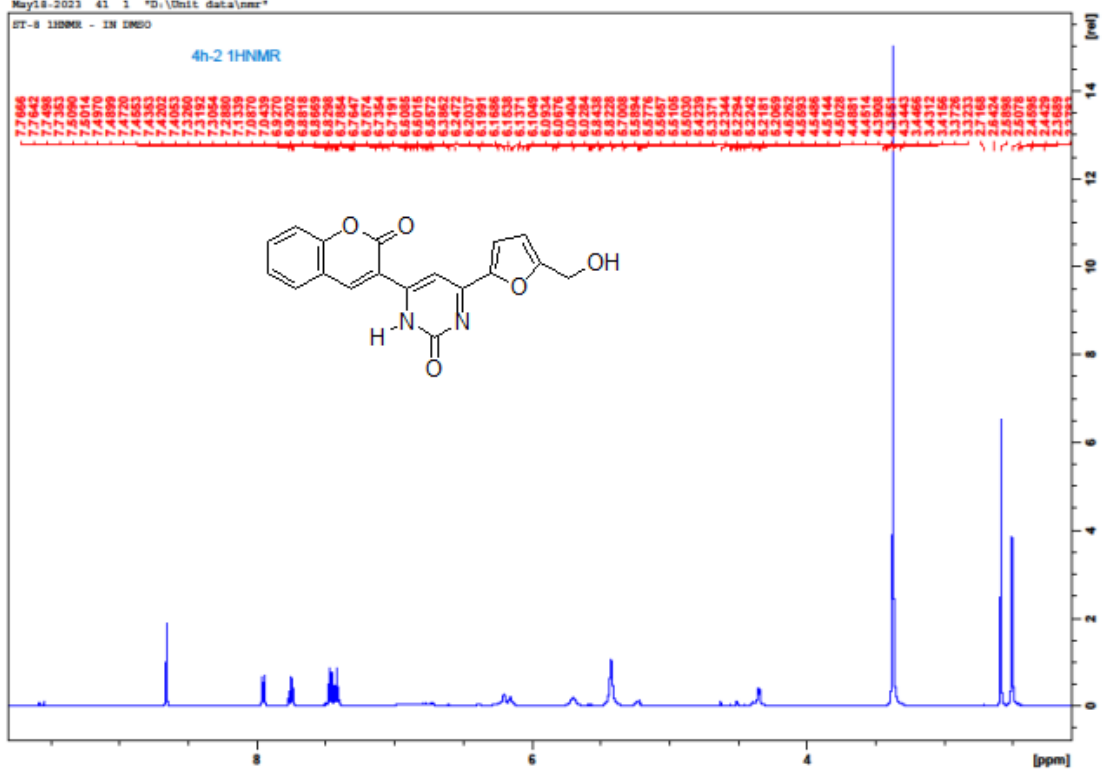
4h-1 1NMR



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BT-8 125MHz - 1H DMSO

4h-2 1HNMR



May18-2023 44 1 "D:\Unit data\nmr"

ST-8 C13 - IN DMSO

4h-13 CNMR

