

A convenient synthesis of methyl 4-oxo-4,5-dihydropyrazolo[1,5-*a*]-pyrazine-7-carboxylates and corresponding carboxylic acids

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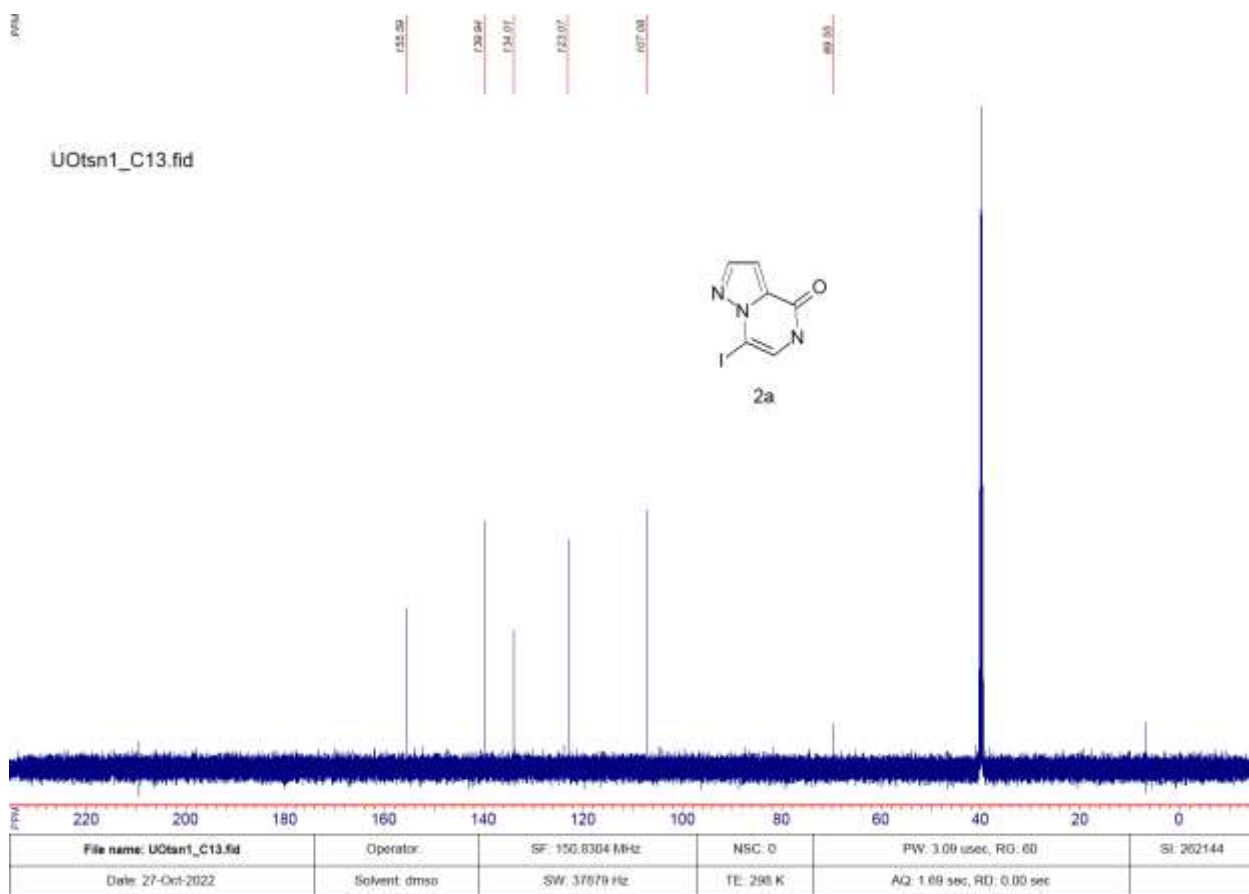
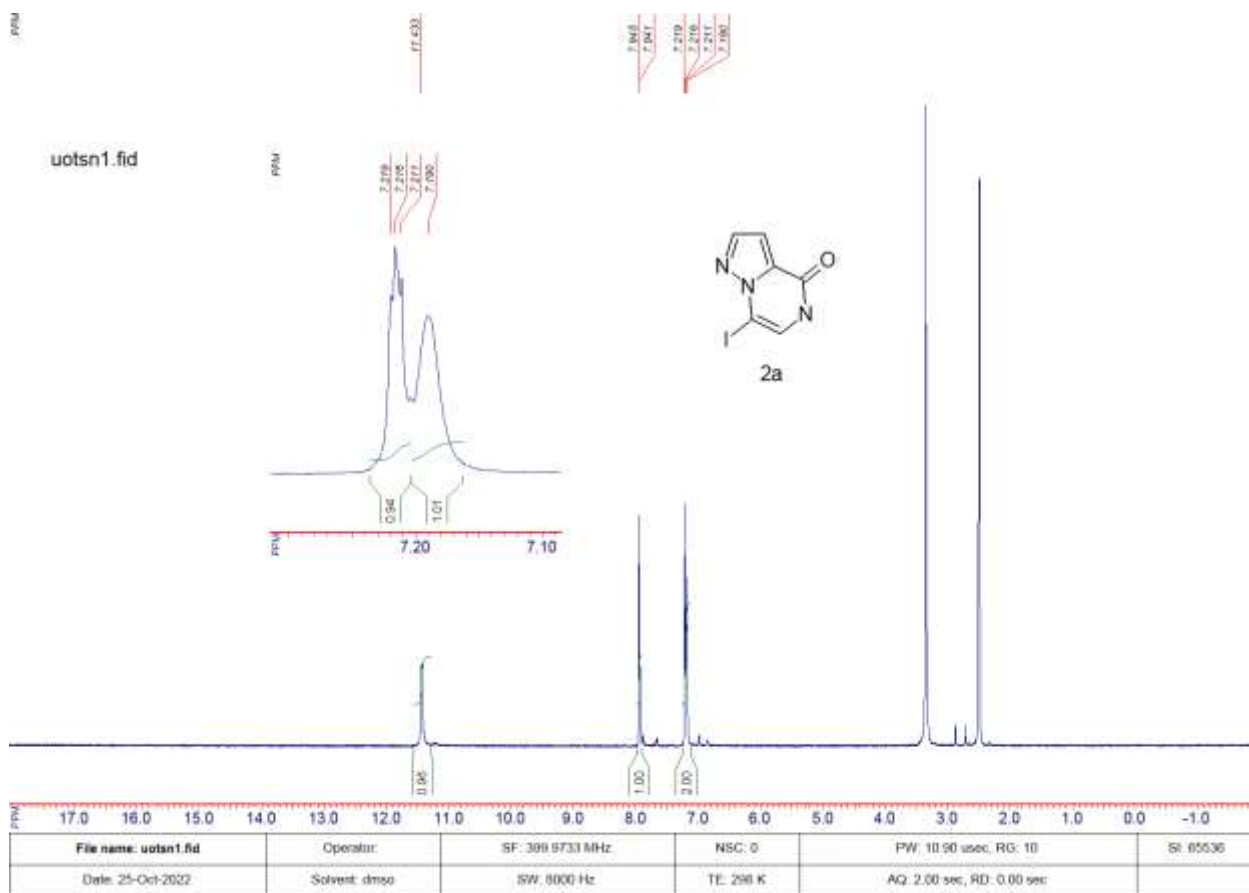
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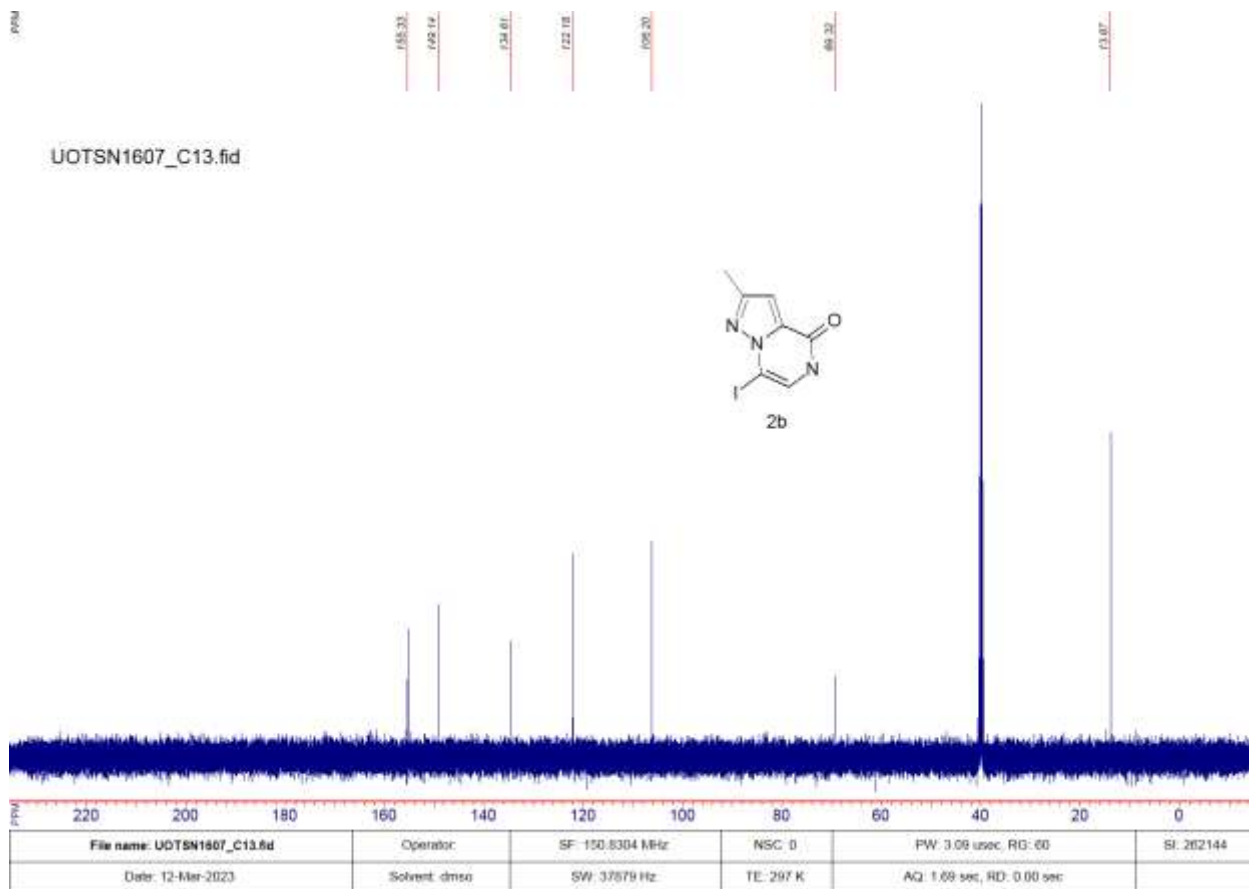
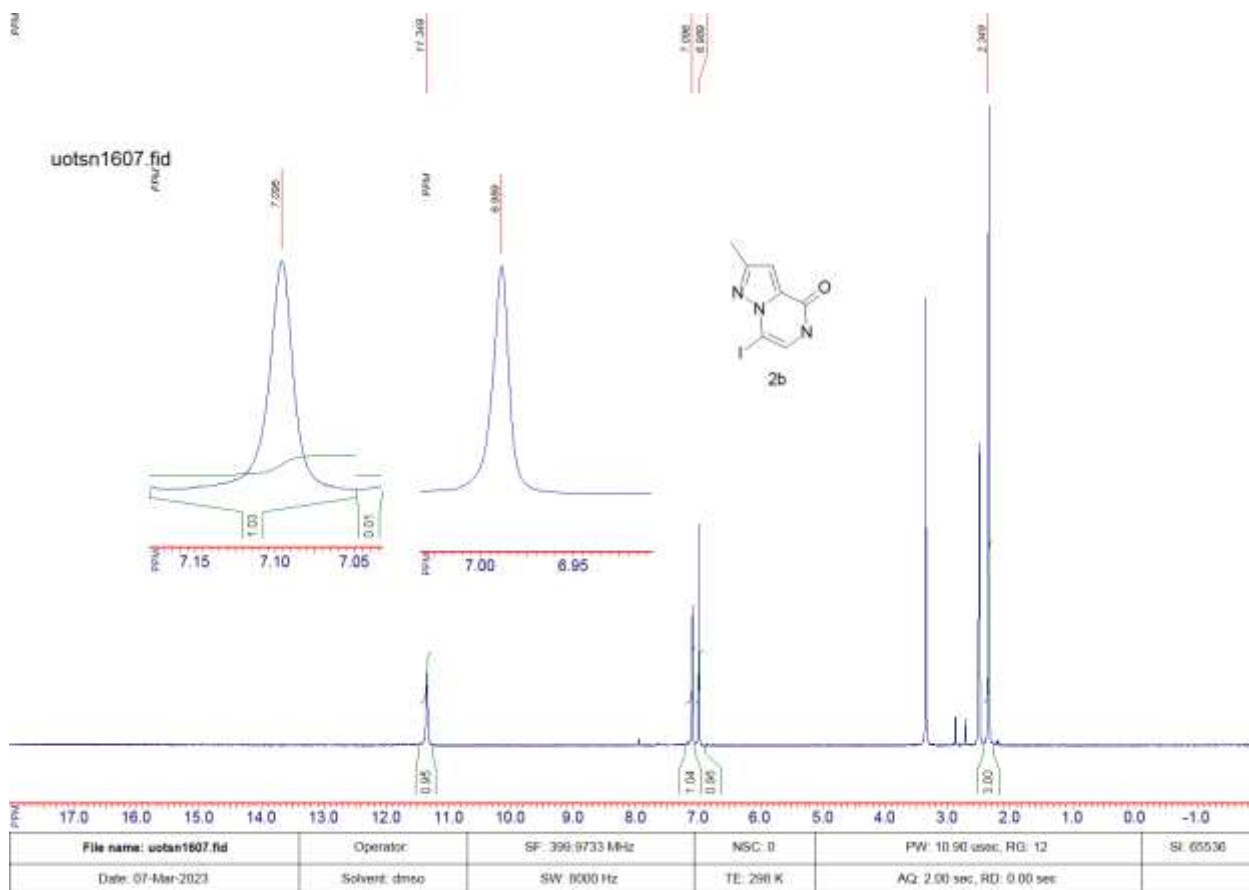
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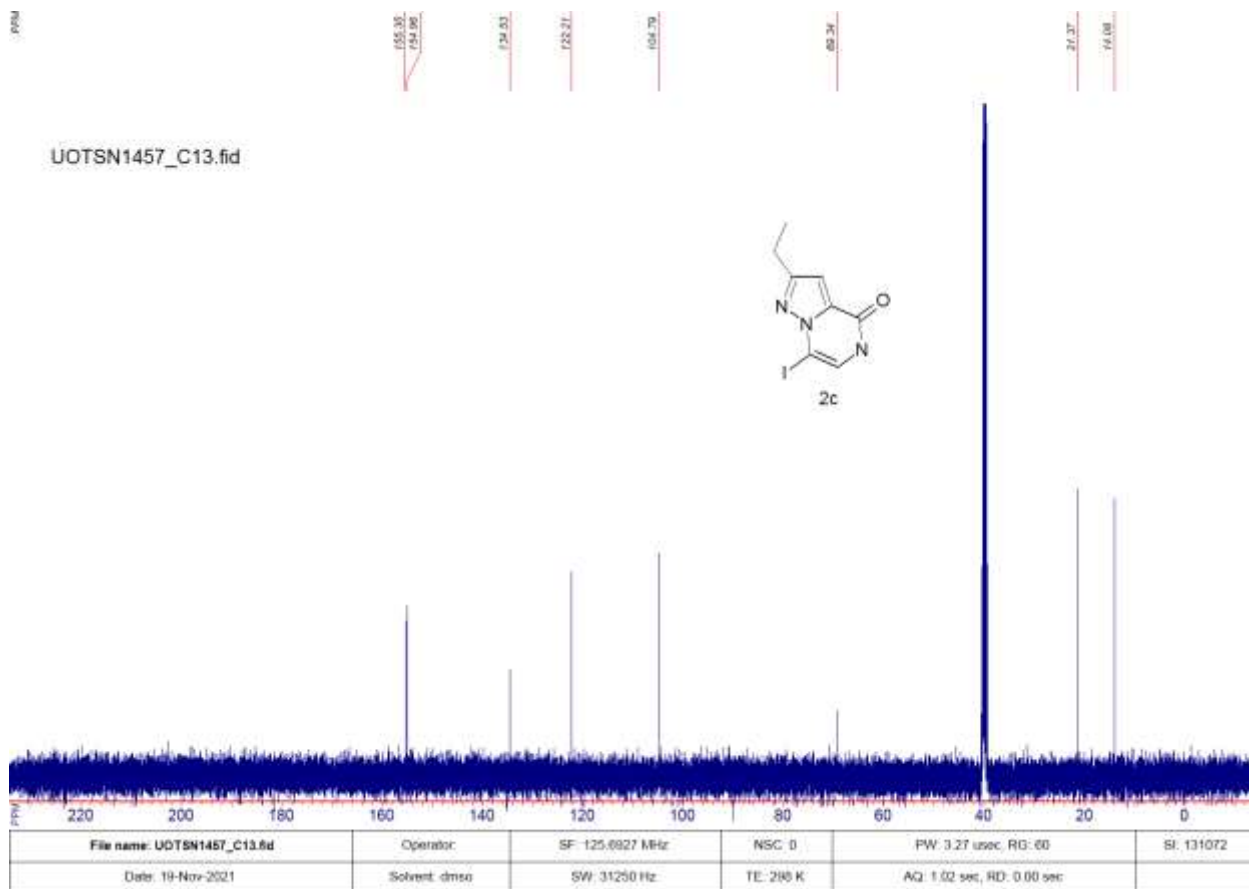
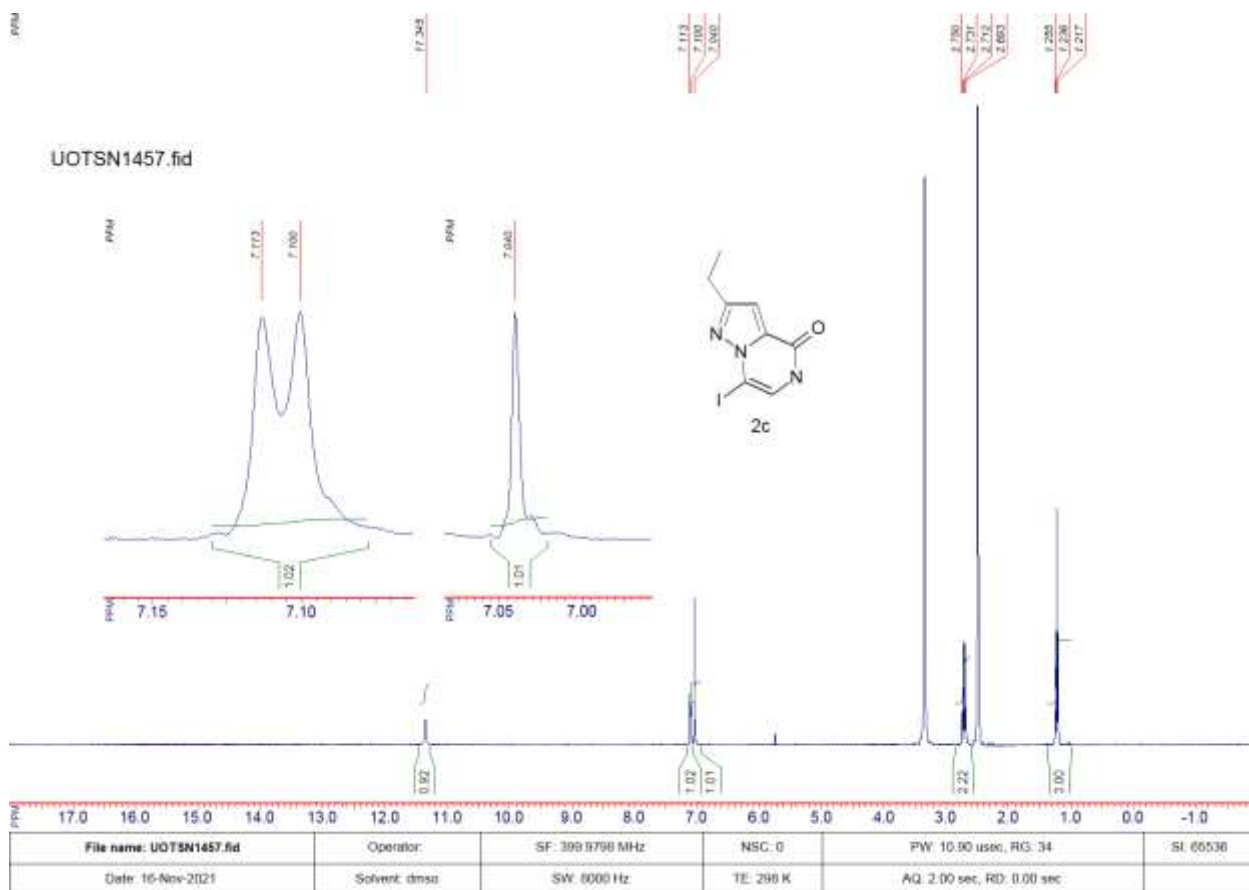
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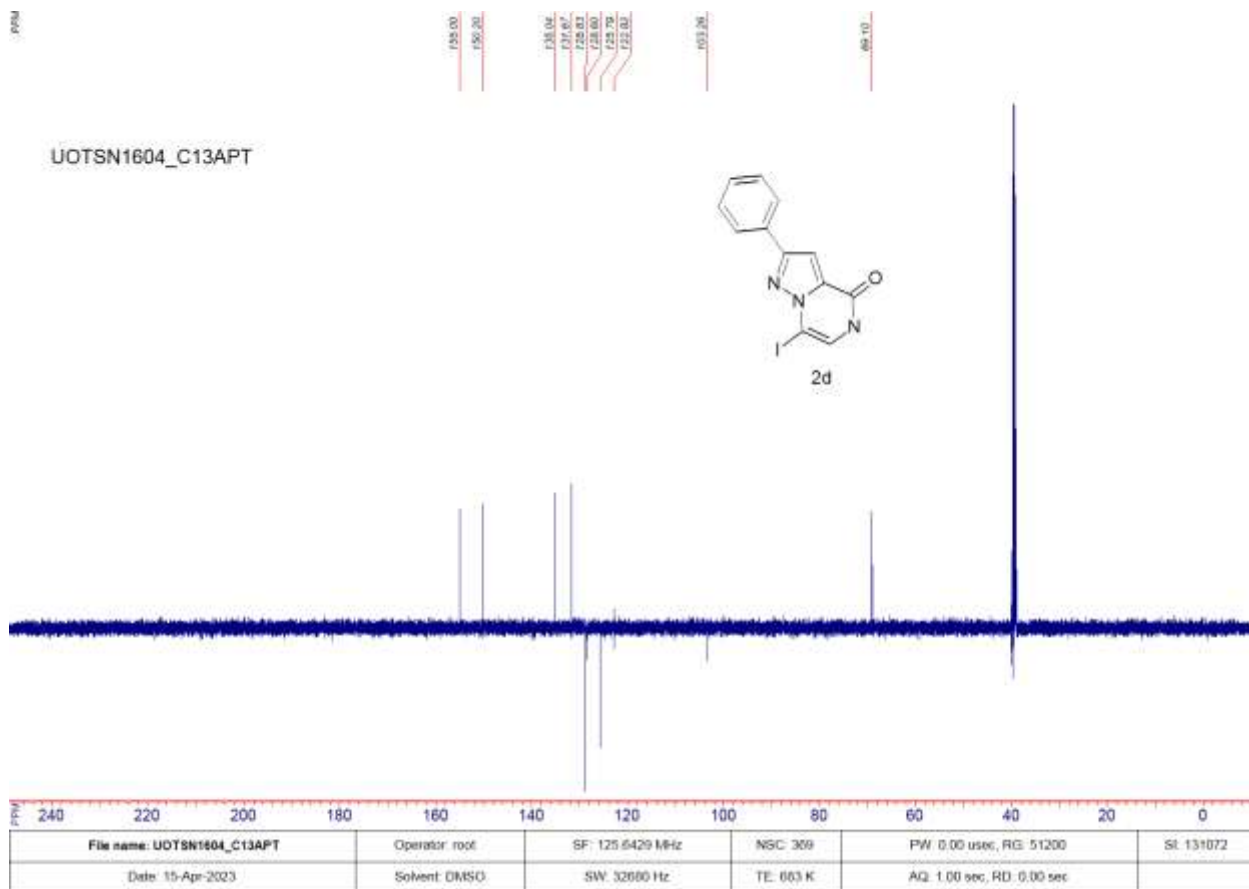
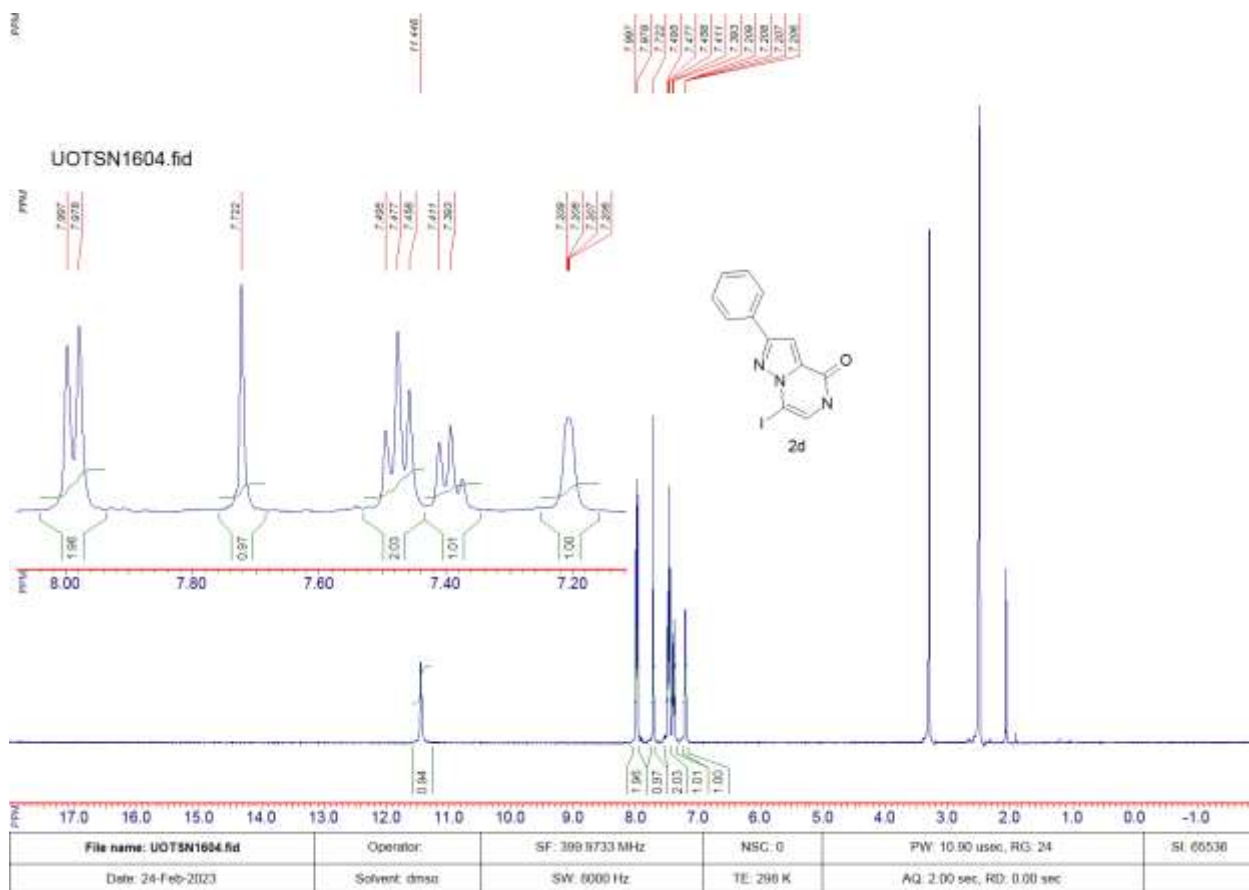
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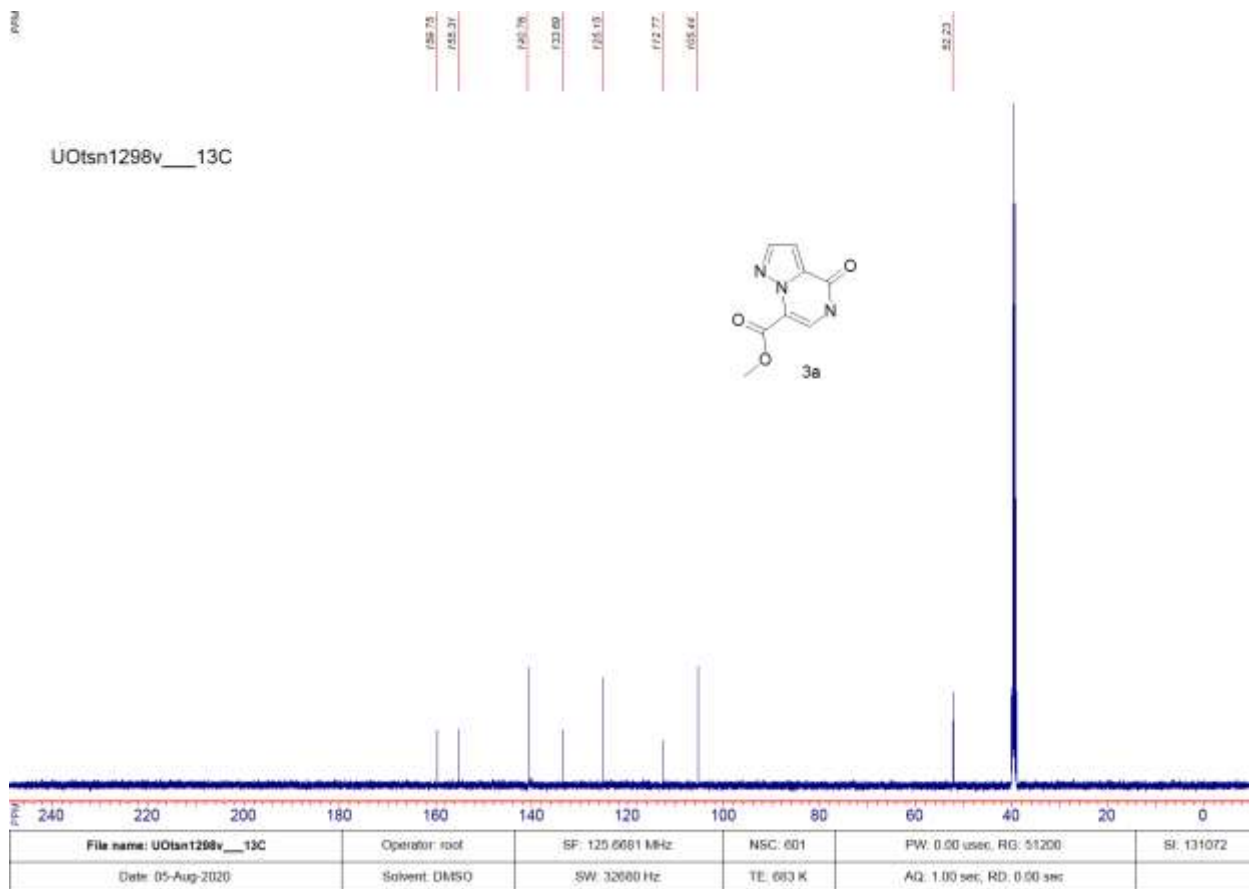
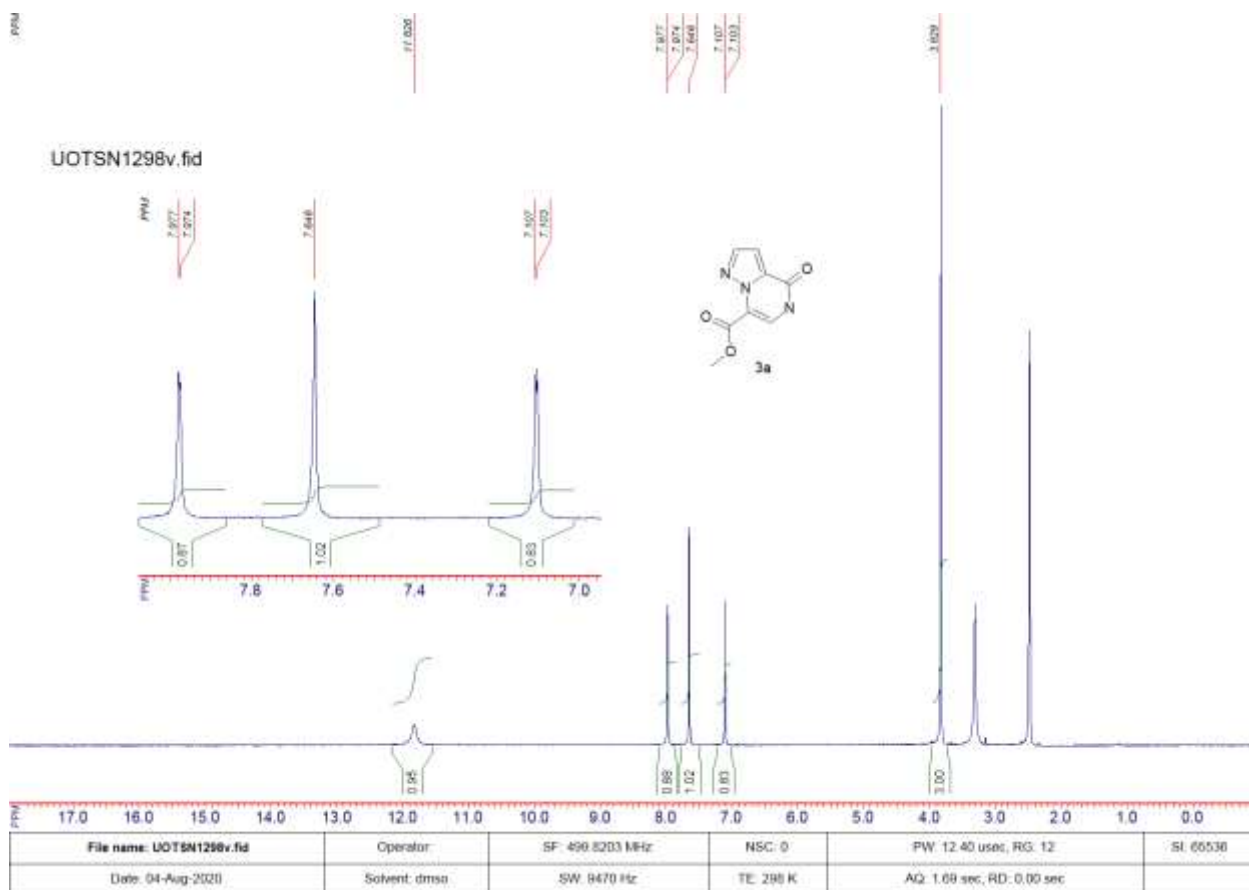
SUPPLEMENTARY INFORMATION

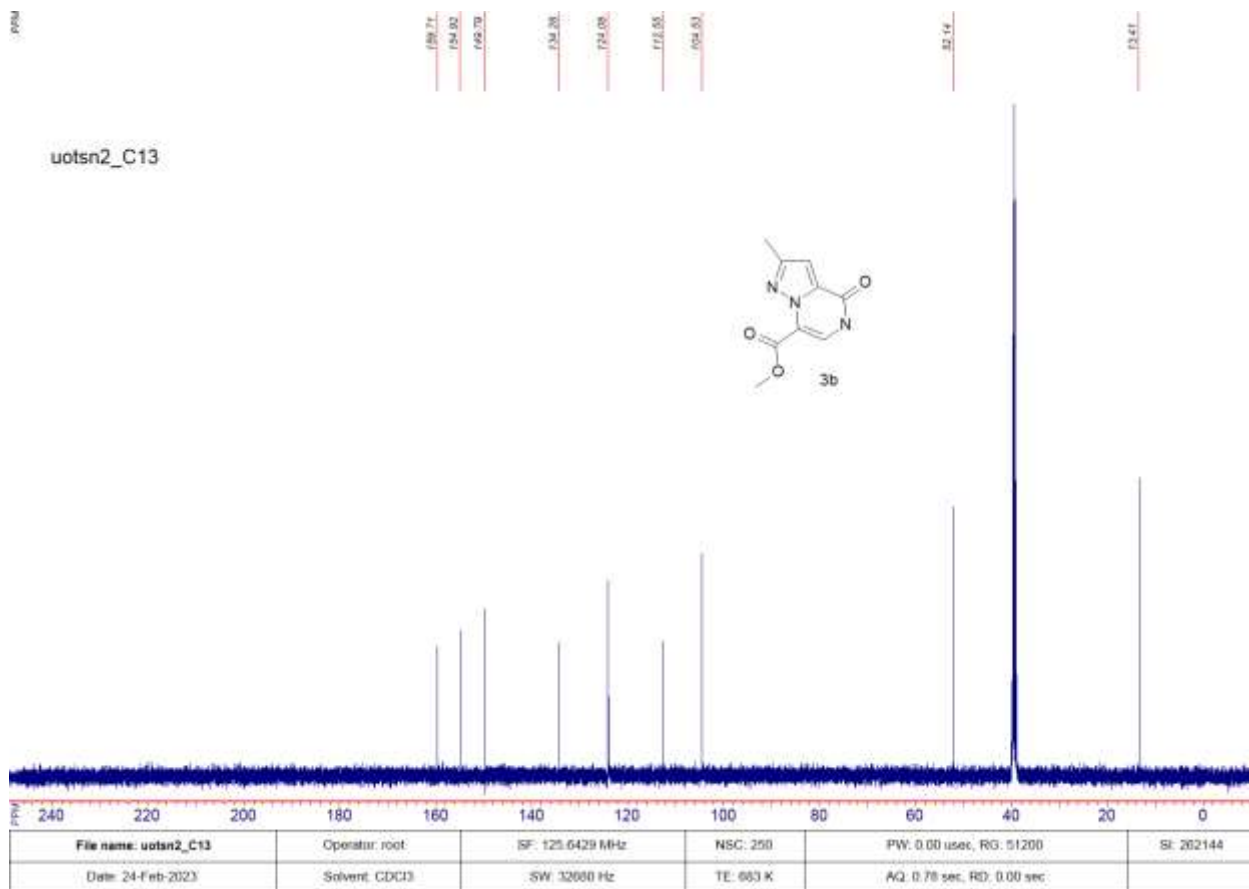
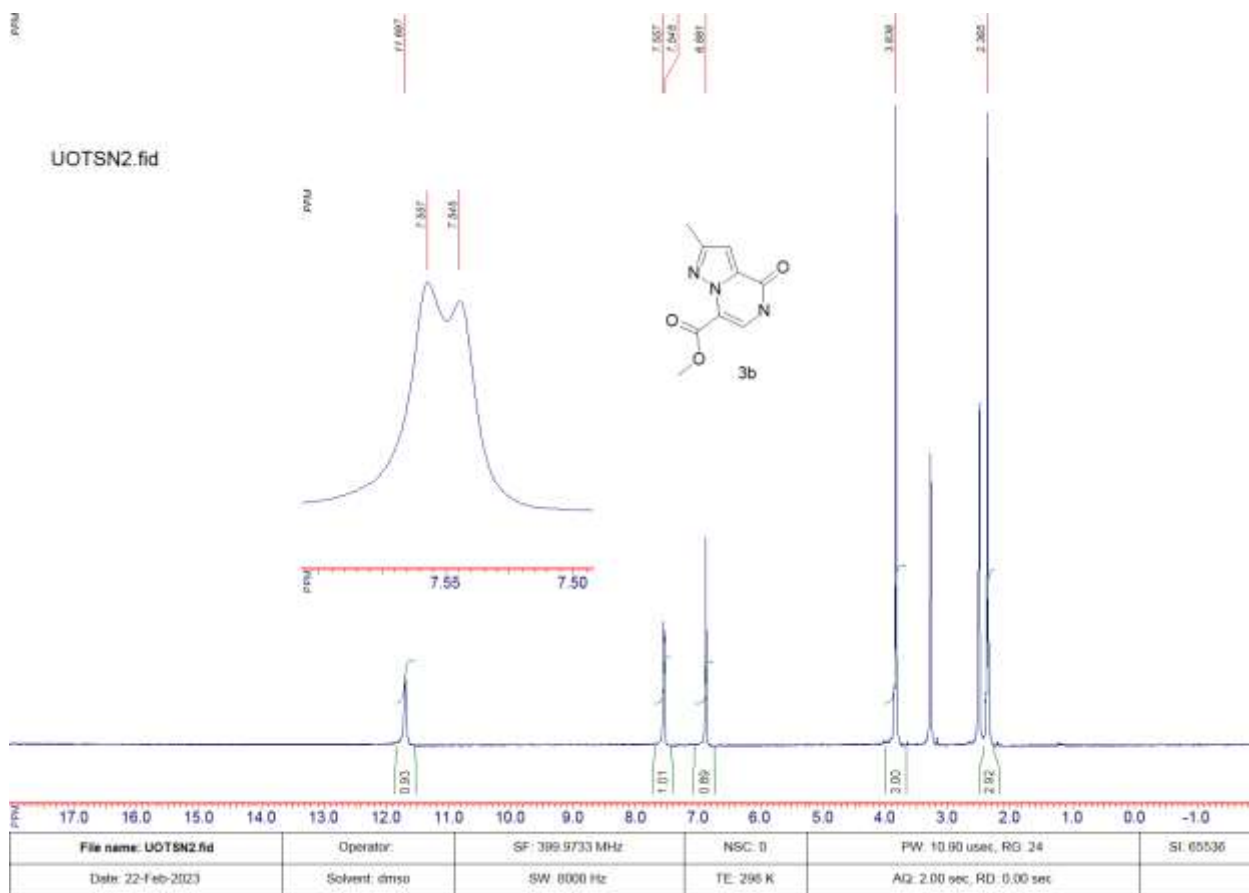


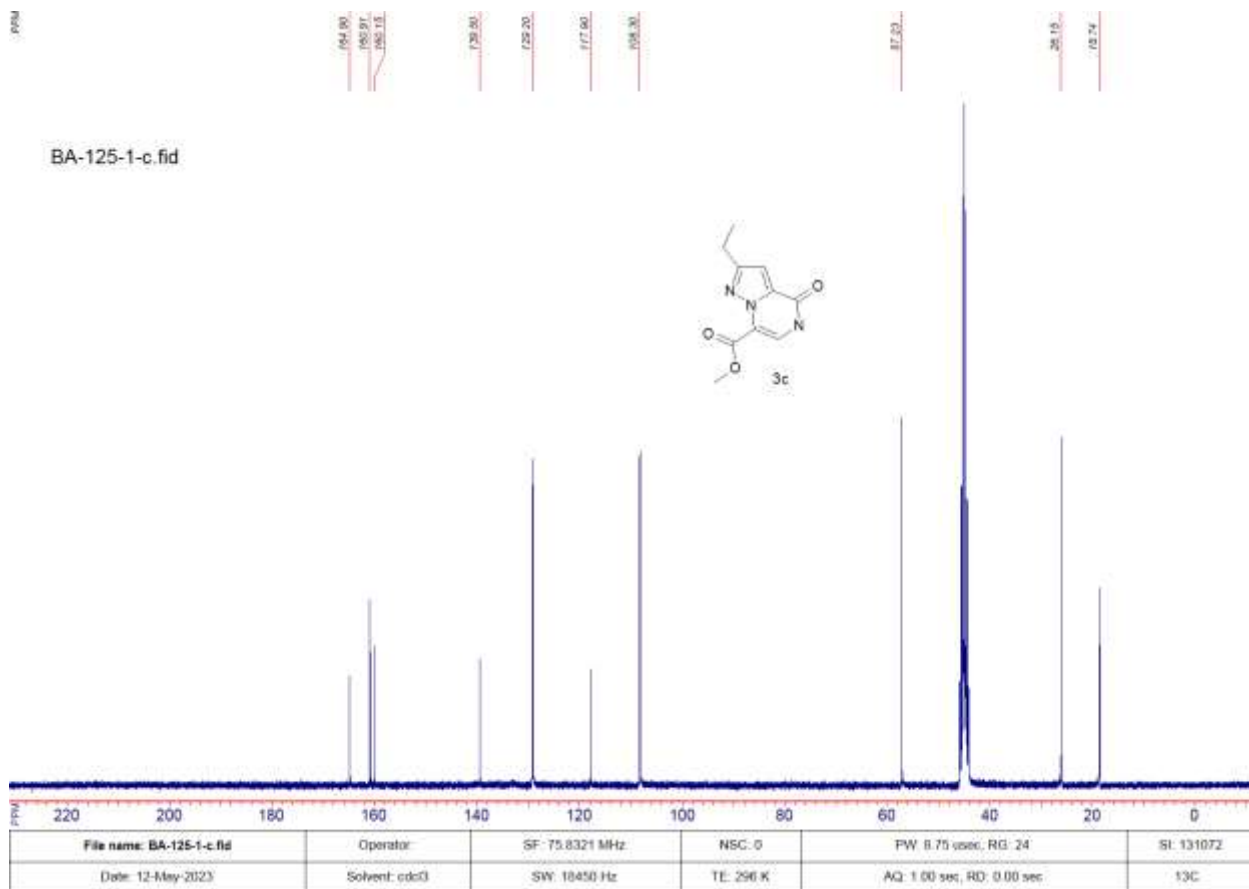
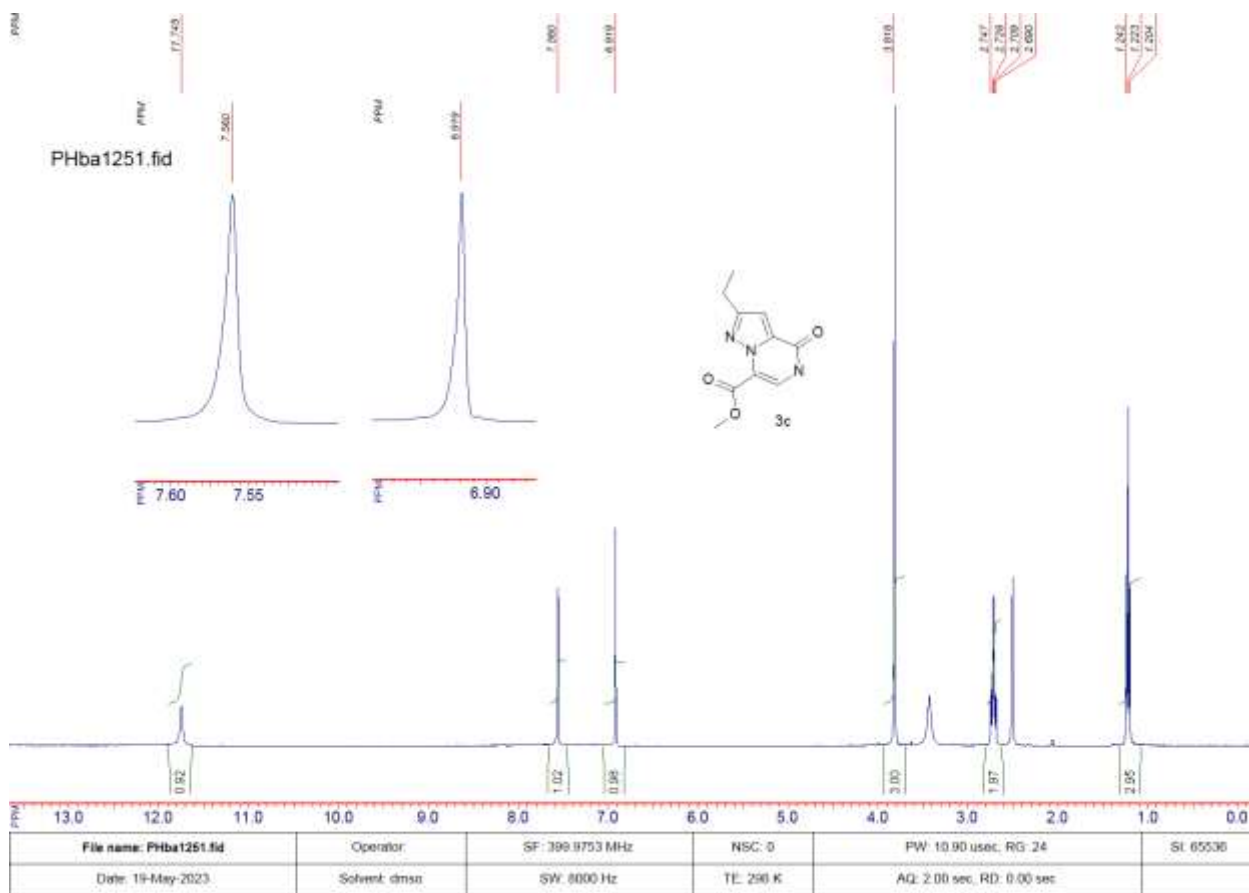


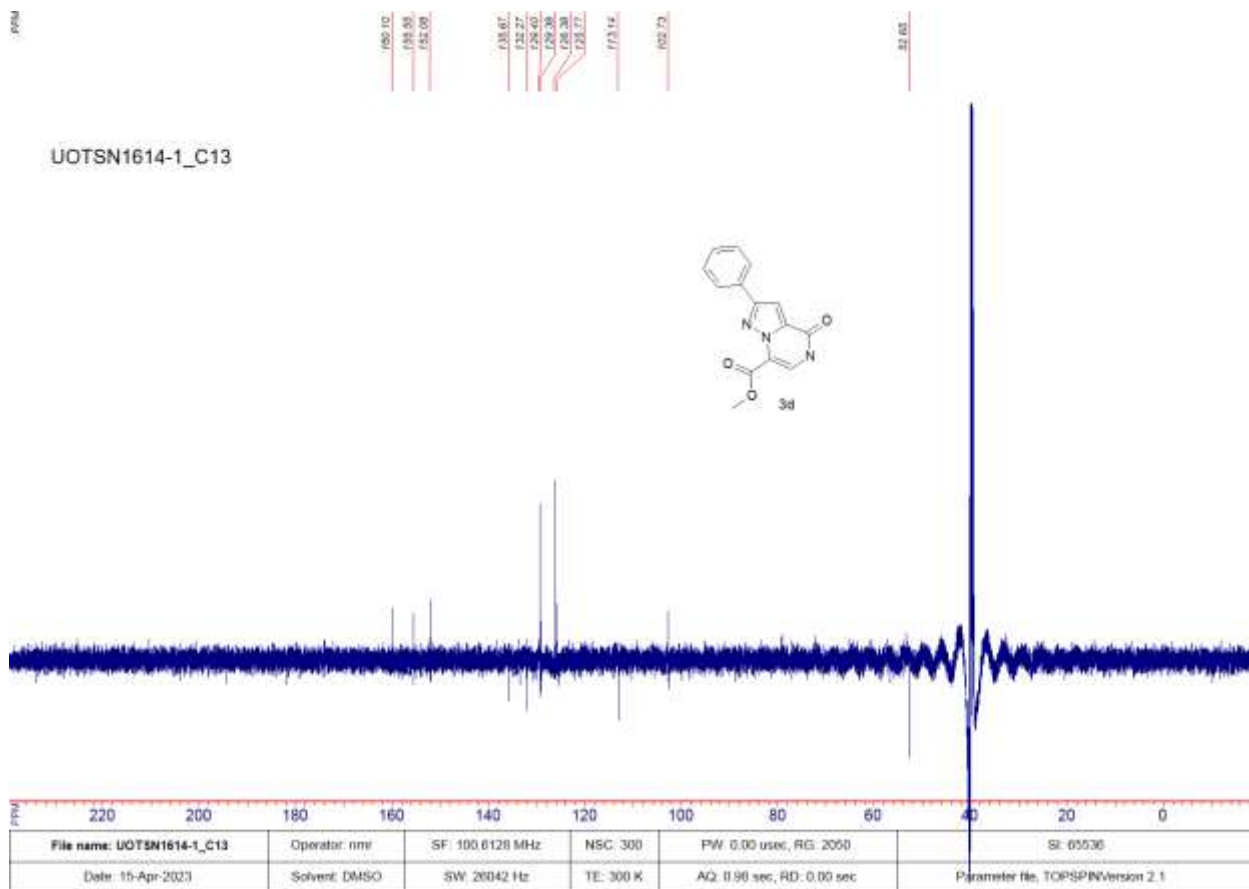
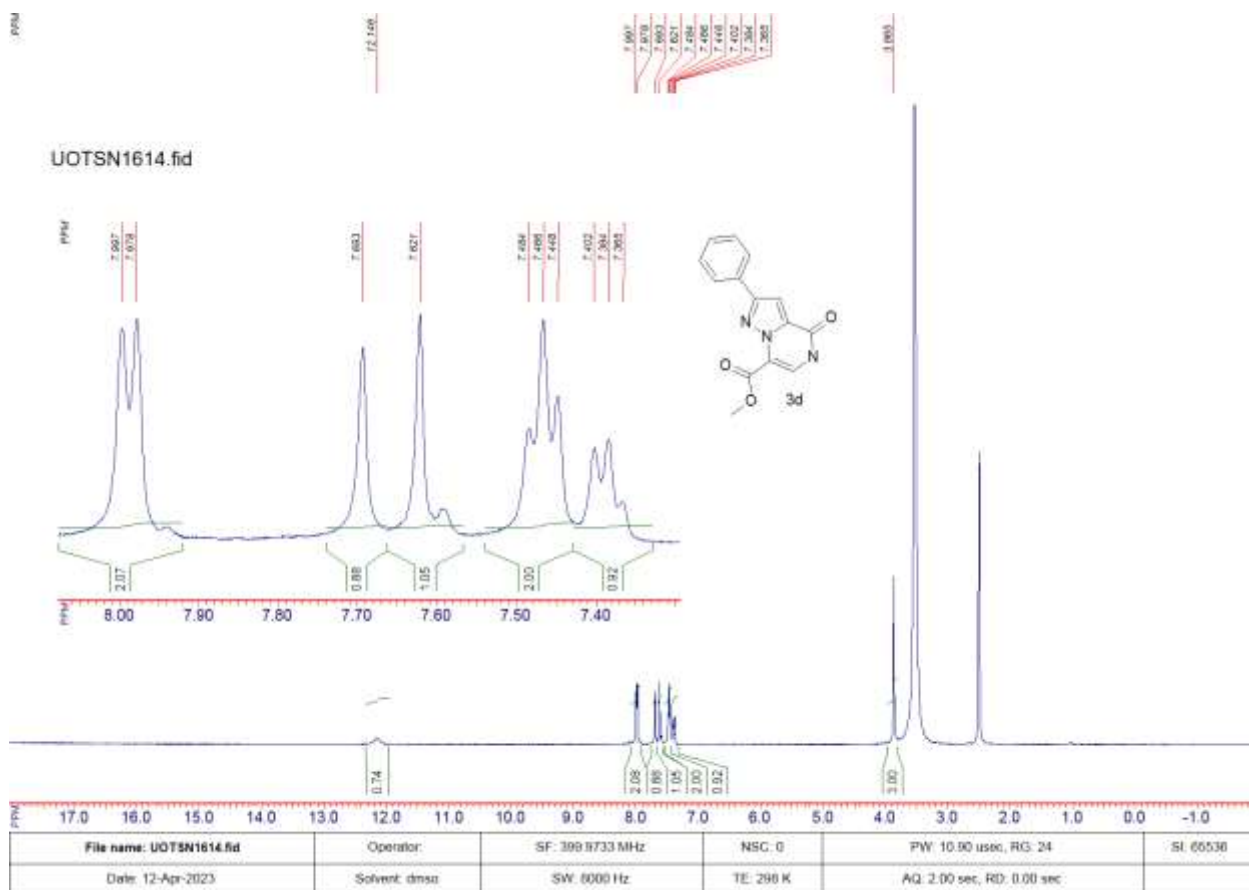


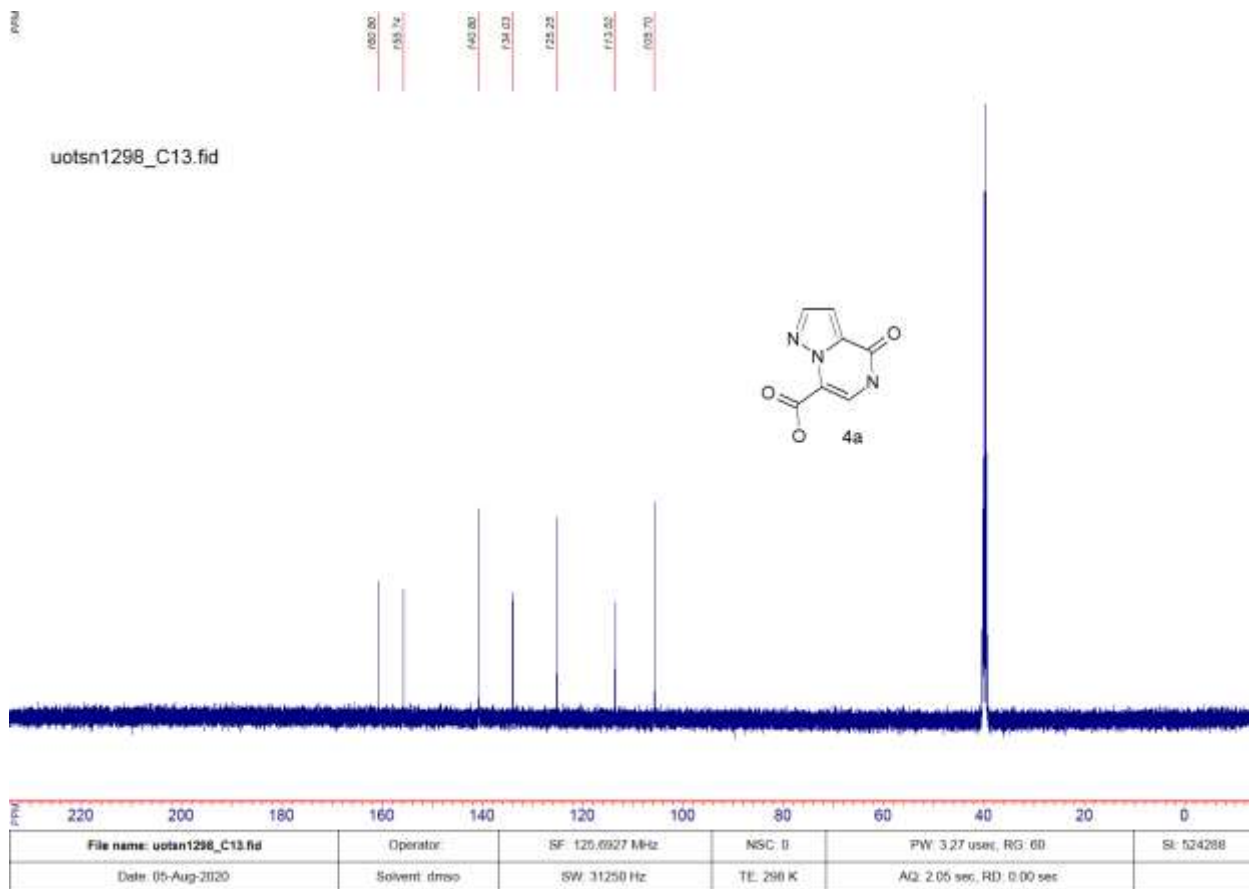
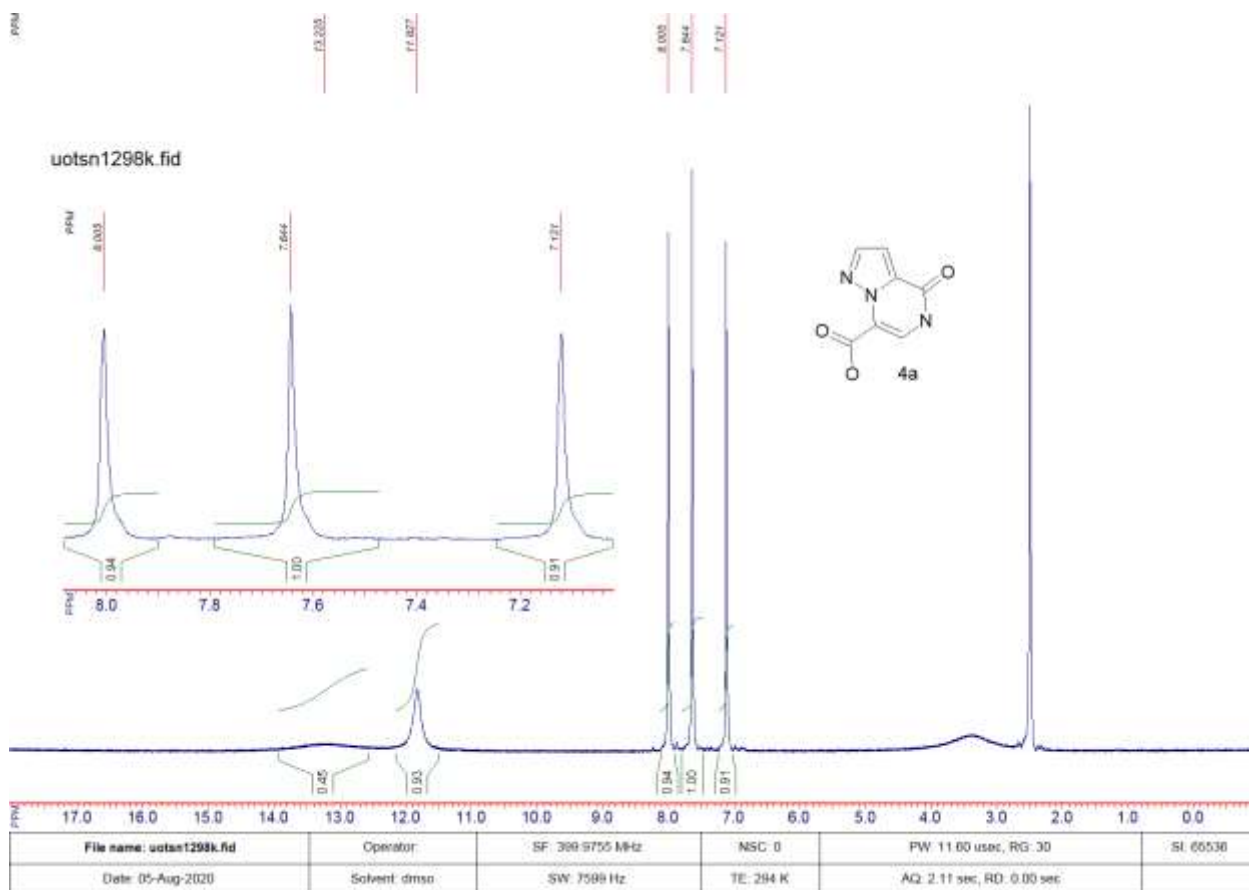


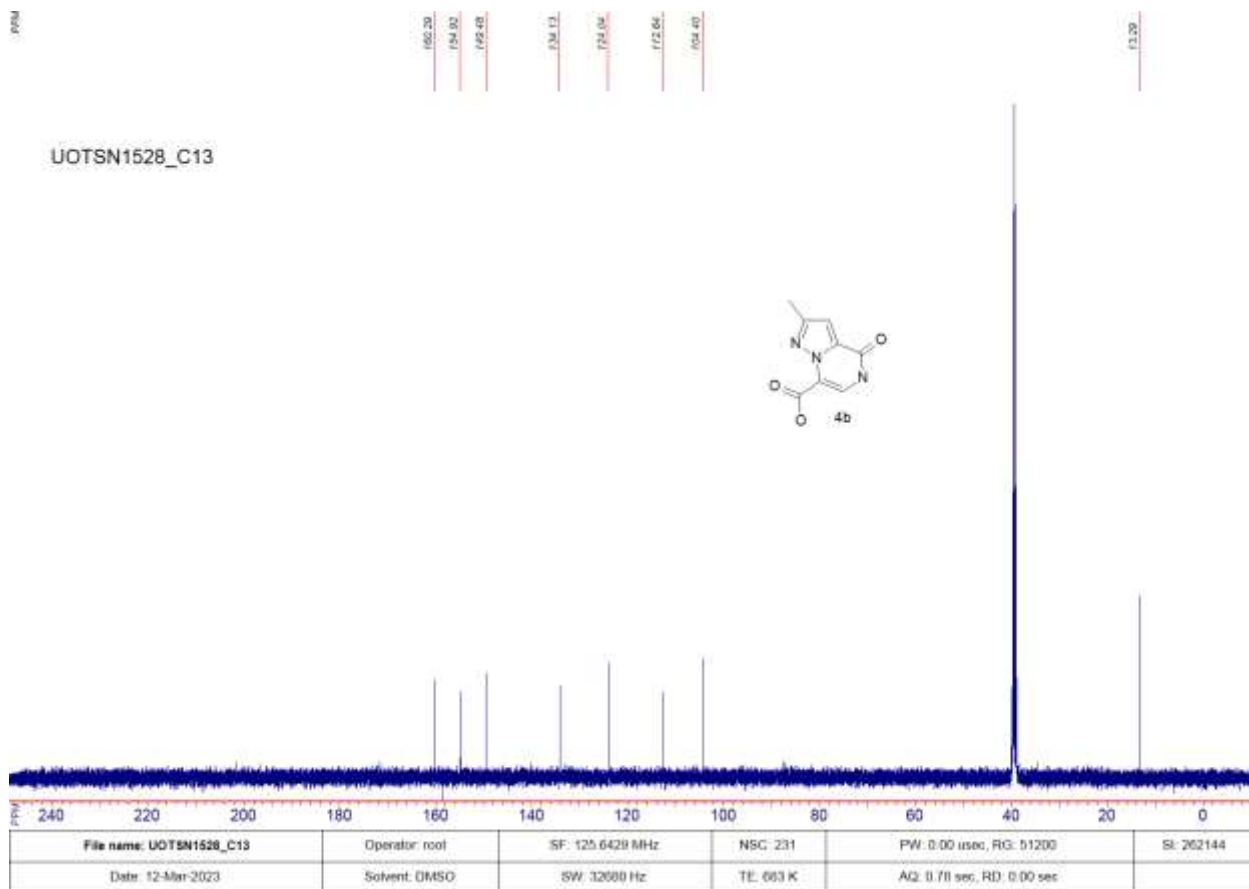
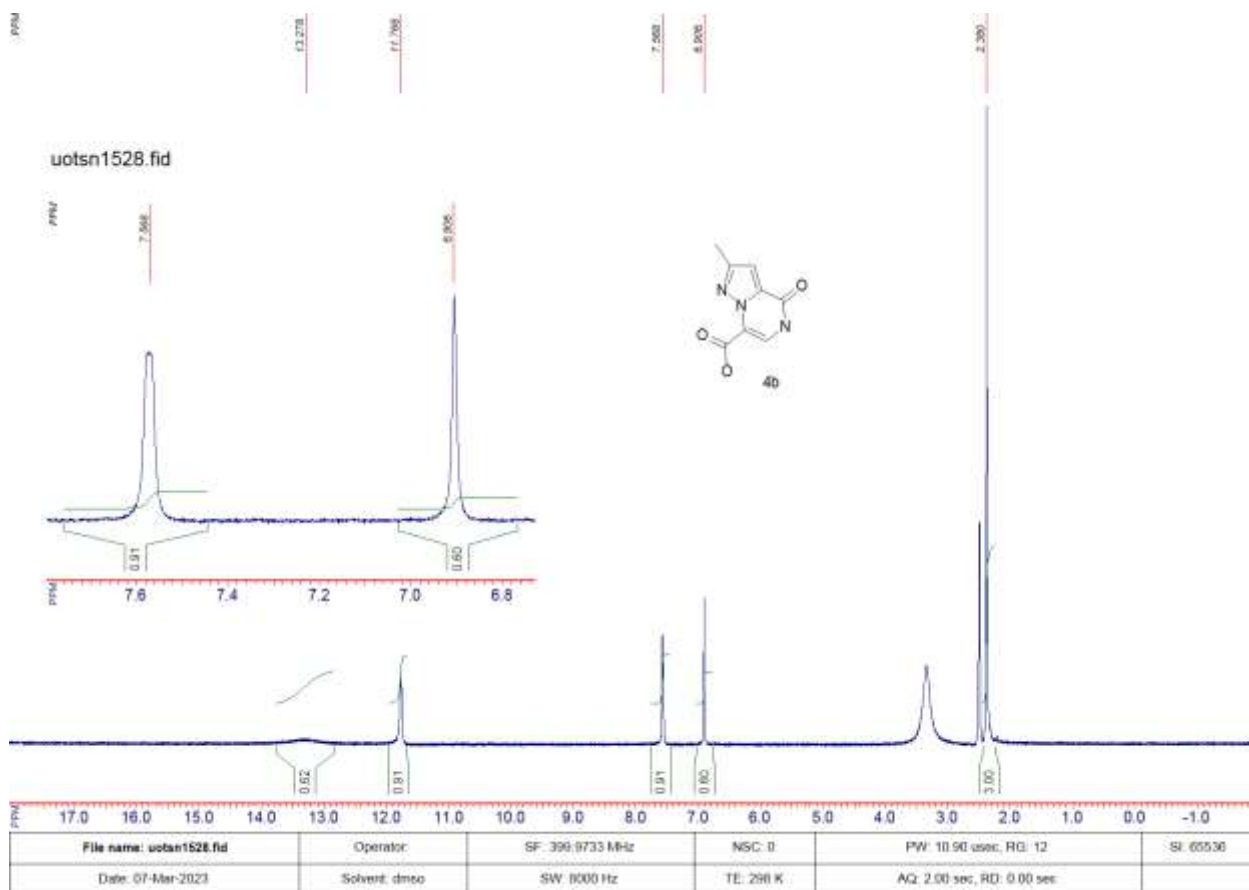


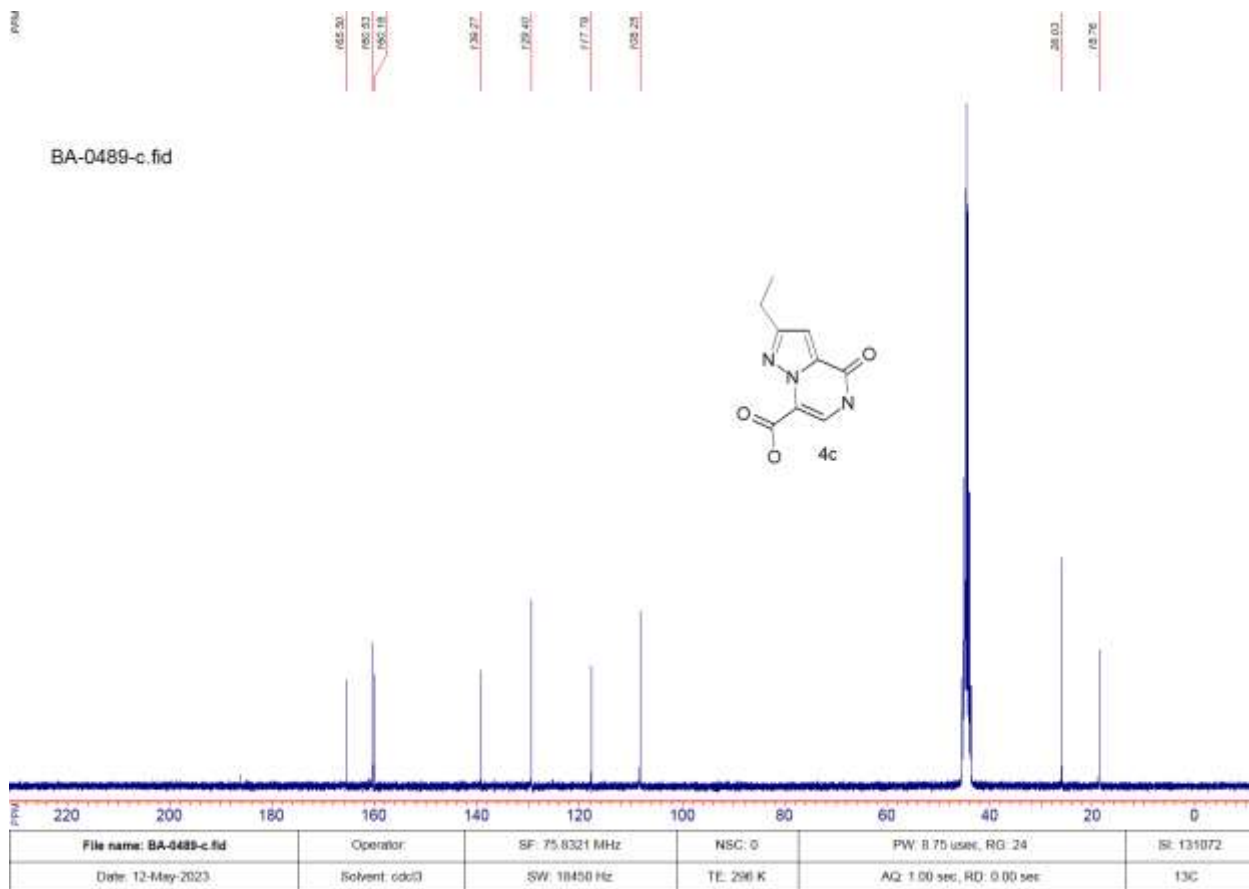
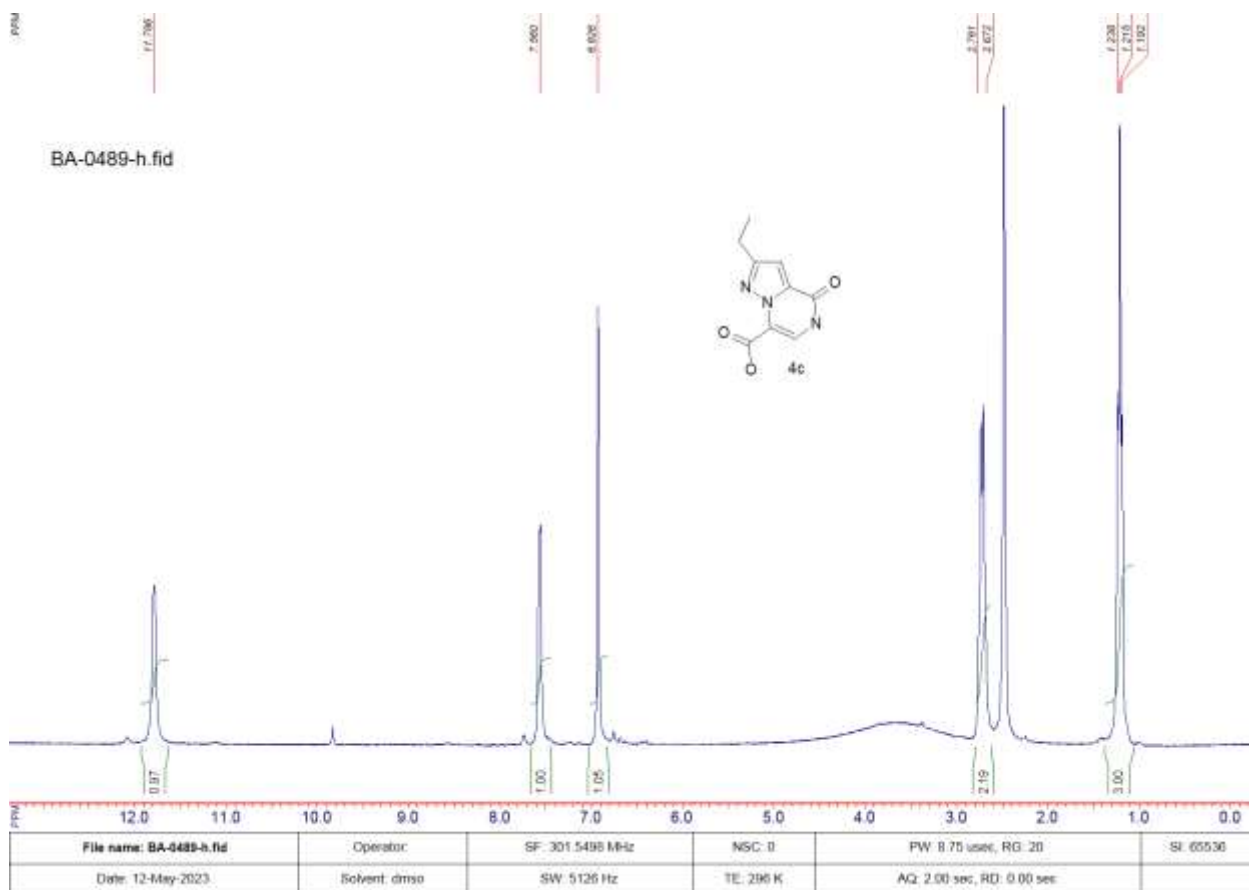


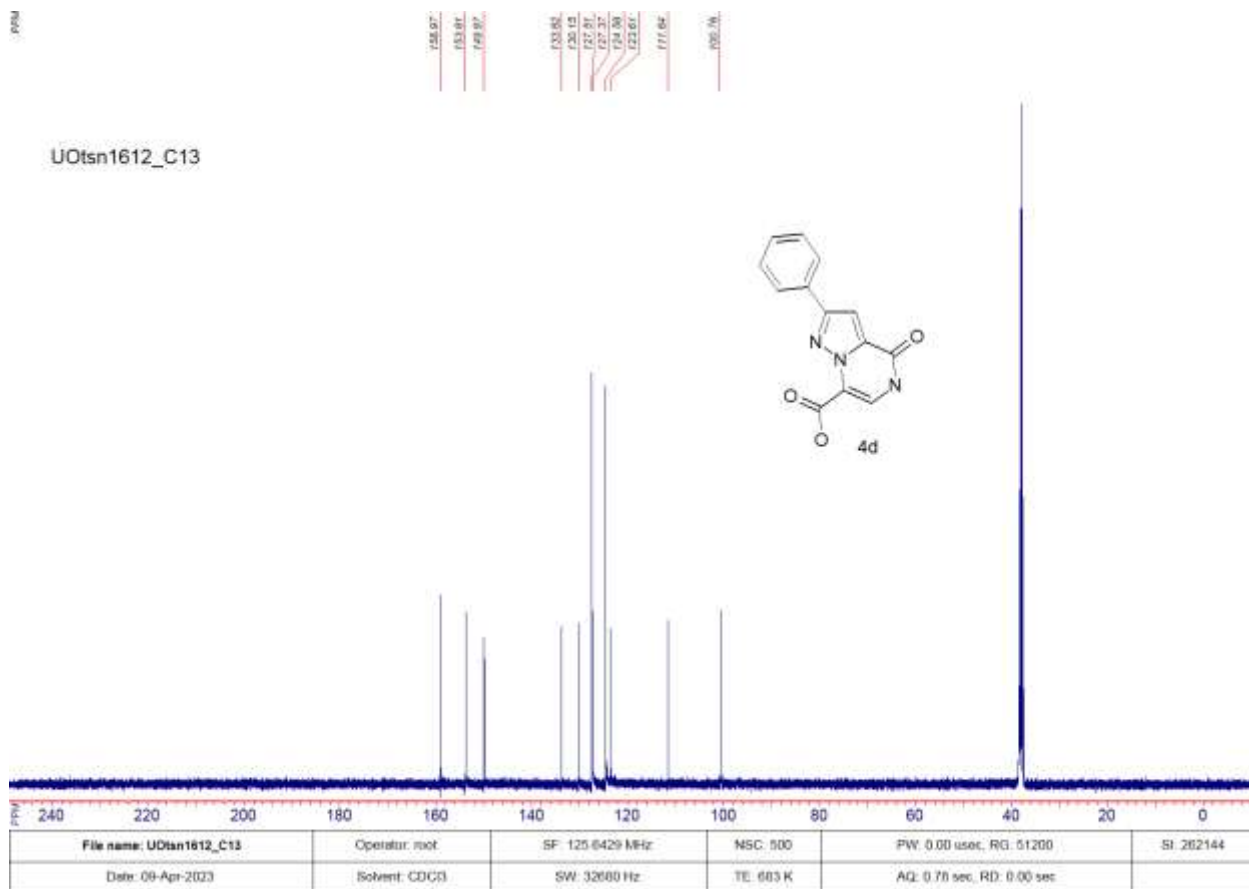
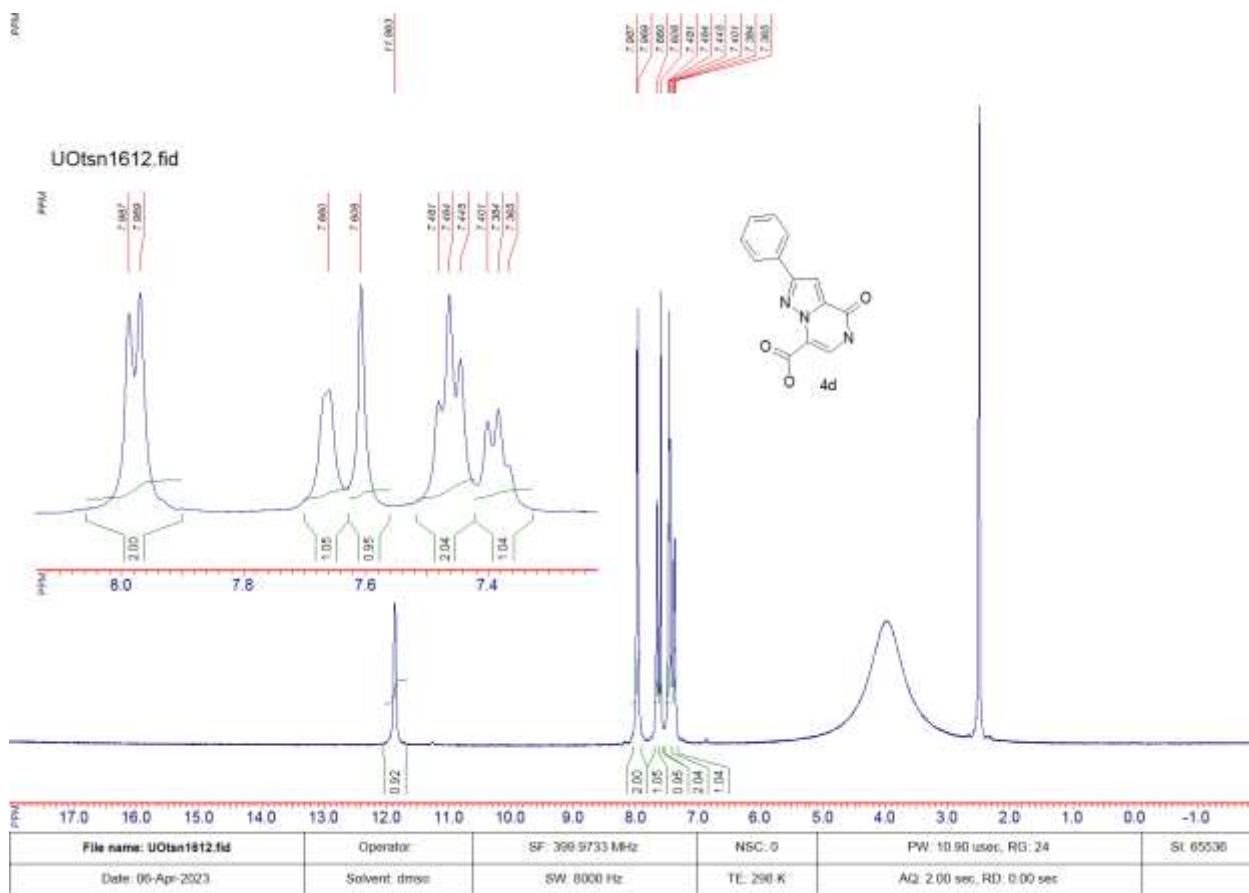




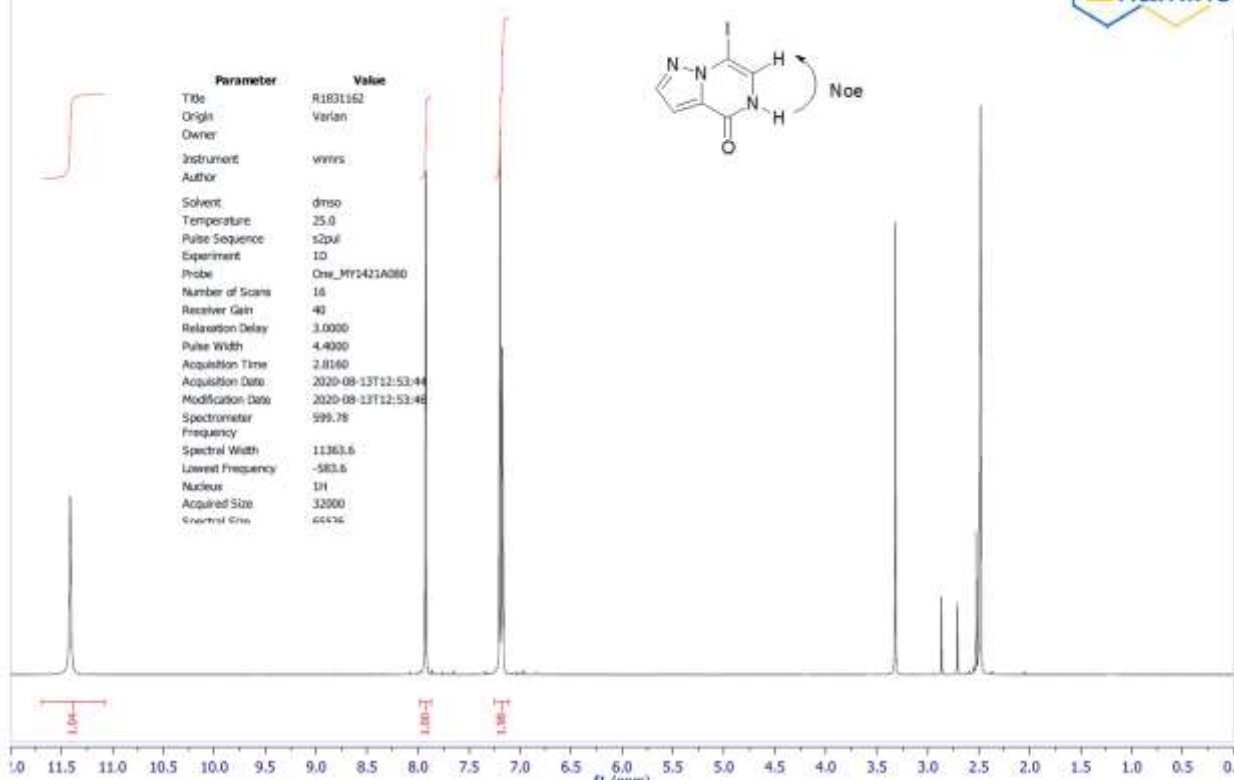








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¹H NMR (600 MHz, DMSO-d₆) δ 11.41 (s, 1H), 7.92 (d, *J* = 2.3 Hz, 1H), 7.20 (d, *J* = 2.1 Hz, 1H), 7.17 (s, 1H).

