

Multicomponent approach to the synthesis of 4-(1*H*-indol-3-yl)-5-(4-methoxyphenyl)furan-2(5*H*)-one

Andrey N. Komogortsev*, Boris V. Lichitsky and Valeriya G. Melekhina

N.D. Zelinsky Institute of Organic Chemistry, Russian Academy of Science, Leninsky Pr., 47, Moscow 119991, Russian Federation

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Corresponding author: e-mail: dna5@mail.ru (A.N. Komogortsev)

1. Copies of ^1H , ^{13}C NMR and HRMS for compound 1

Figure S1. ^1H NMR spectrum (300 MHz) of 1 in $\text{DMSO}-d_6$

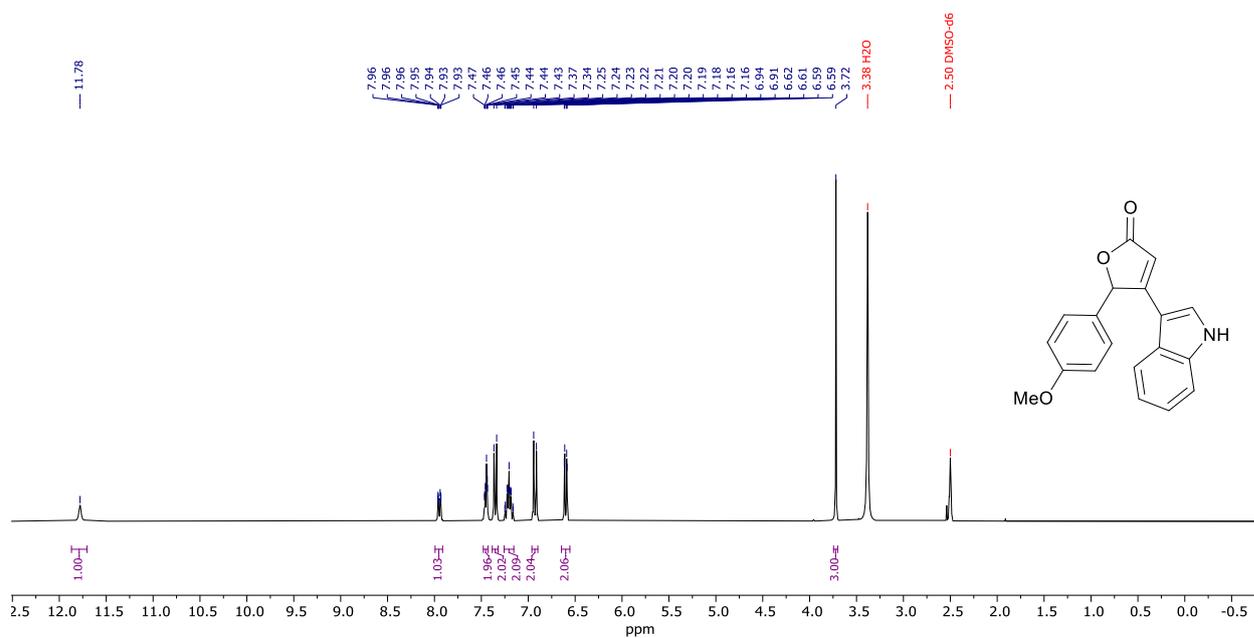


Figure S2. ^{13}C $\{^1\text{H}\}$ NMR spectrum (75 MHz) of 1 in $\text{DMSO}-d_6$

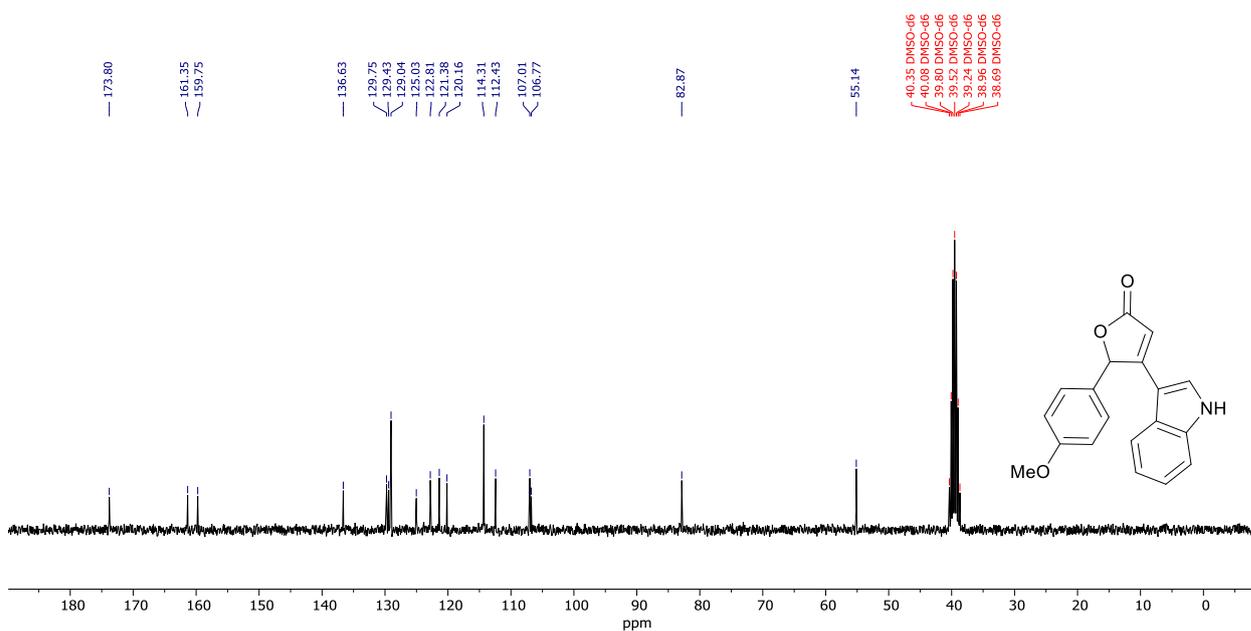
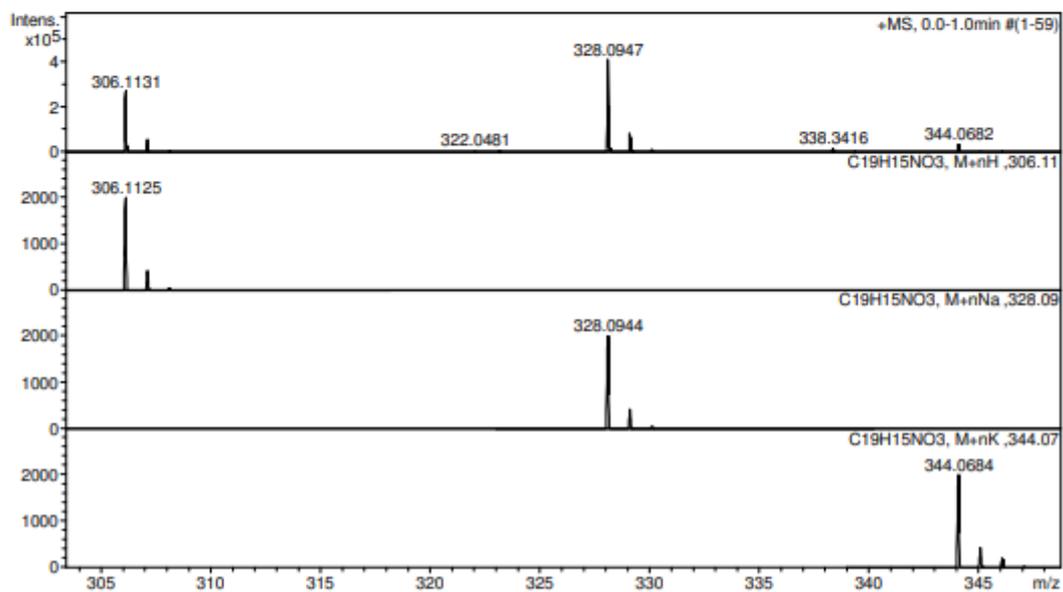
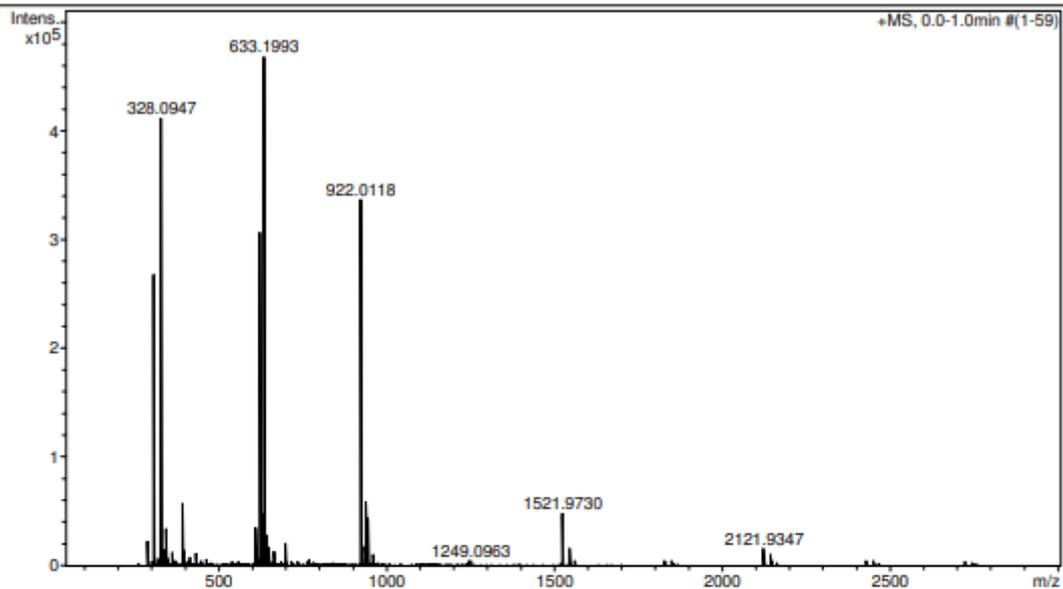


Figure S3. HRMS for compound 1

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active			Set Dry Heater	180 °C
Scan Begin	50 m/z	Set Capillary	4500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set End Plate Offset	-500 V	Set Divert Valve	Waste



2. Copies of ^1H , ^{13}C NMR and HRMS for compound 6

Figure S4. ^1H NMR spectrum (300 MHz) of 6 in $\text{DMSO-}d_6$

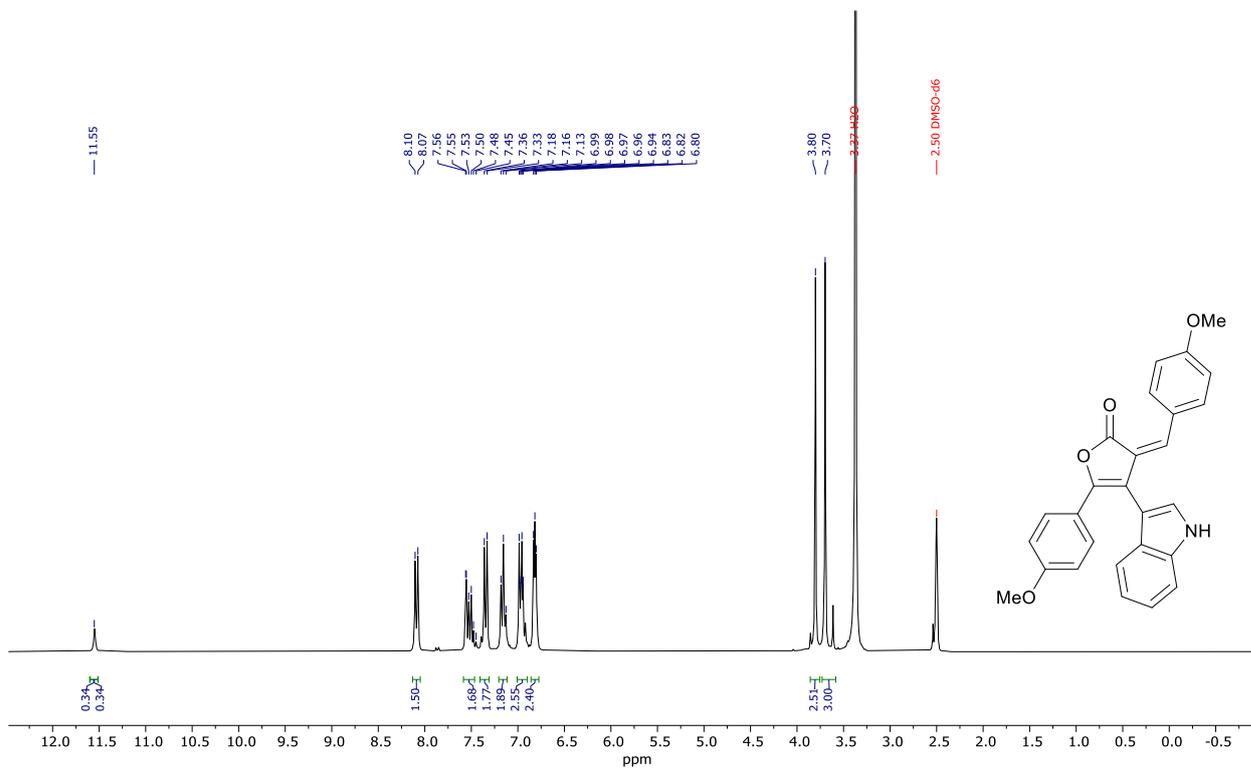


Figure S5. ^{13}C $\{^1\text{H}\}$ NMR spectrum (75 MHz) of 6 in $\text{DMSO-}d_6$

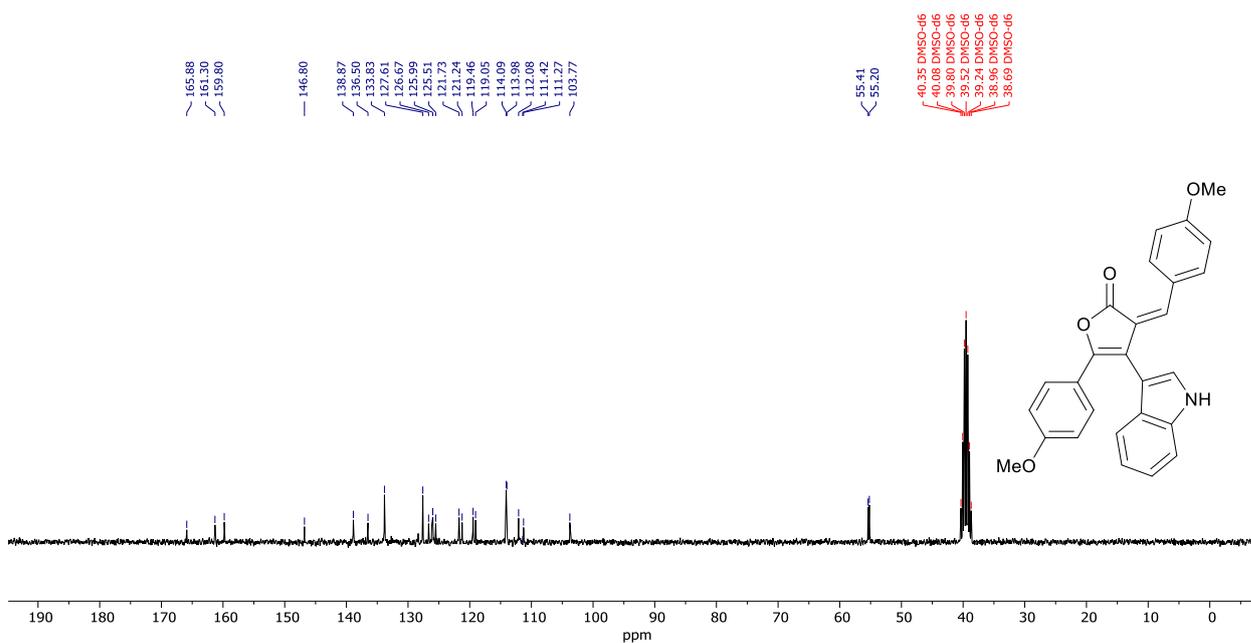


Figure S6. HRMS for compound 6

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active			Set Dry Heater	180 °C
Scan Begin	50 m/z	Set Capillary	4500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set End Plate Offset	-500 V	Set Divert Valve	Waste

