

SUPPLEMENTARY MATERIAL

Synthesis and antileishmanial activity against *Leishmania braziliensis* species of 1,2,3-triazole containing methoxylated cinnamides

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For the presentation of the spectra, the following abbreviations were utilized:

IR.....Infrared

ATR.....Attenuated total reflectance

^1H NMR.....Hydrogen-1 nuclear magnetic resonance

^{13}C NMR.....Carbon-13 nuclear magnetic resonance

HRMS.....High resolution mass spectrometry

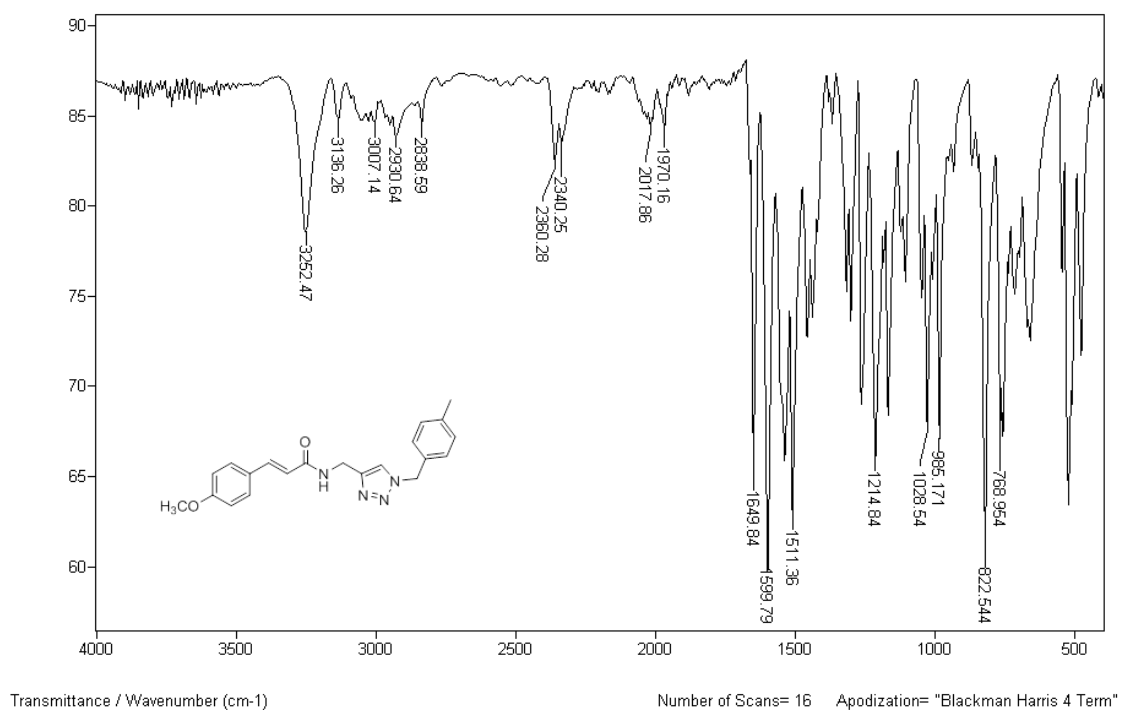


Figure S1 - IR spectrum (ATR) of **5**.

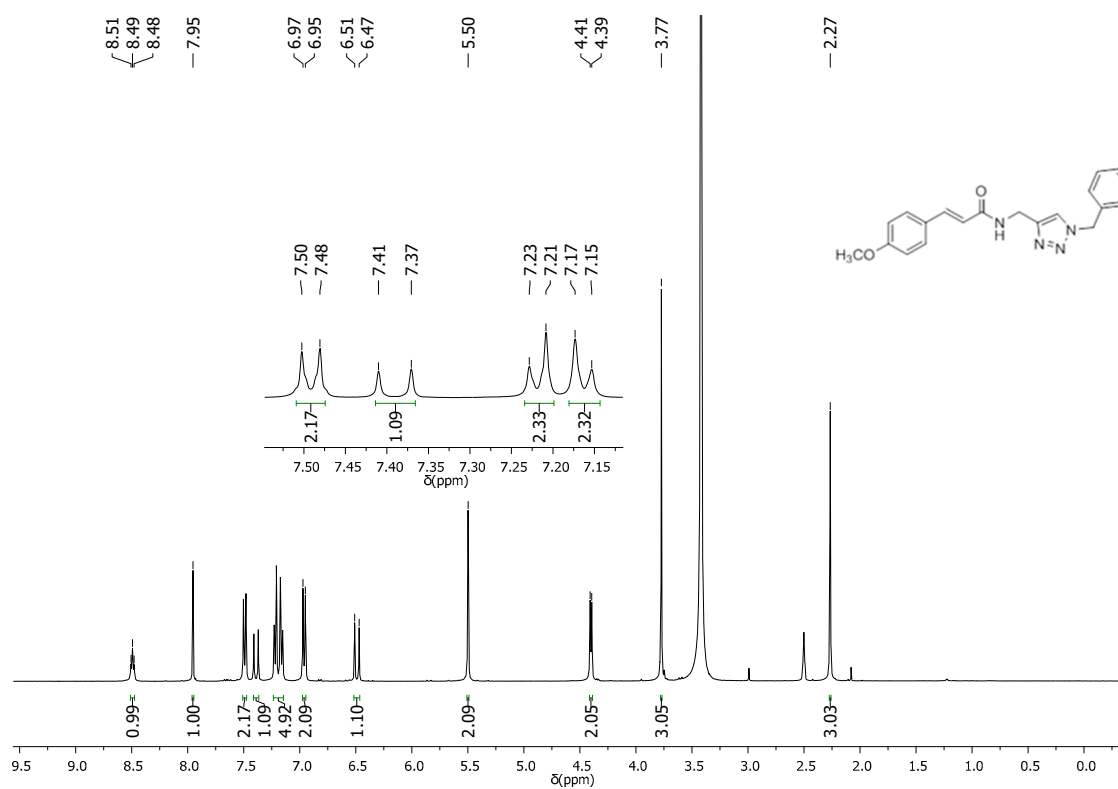


Figure S2 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **5**.

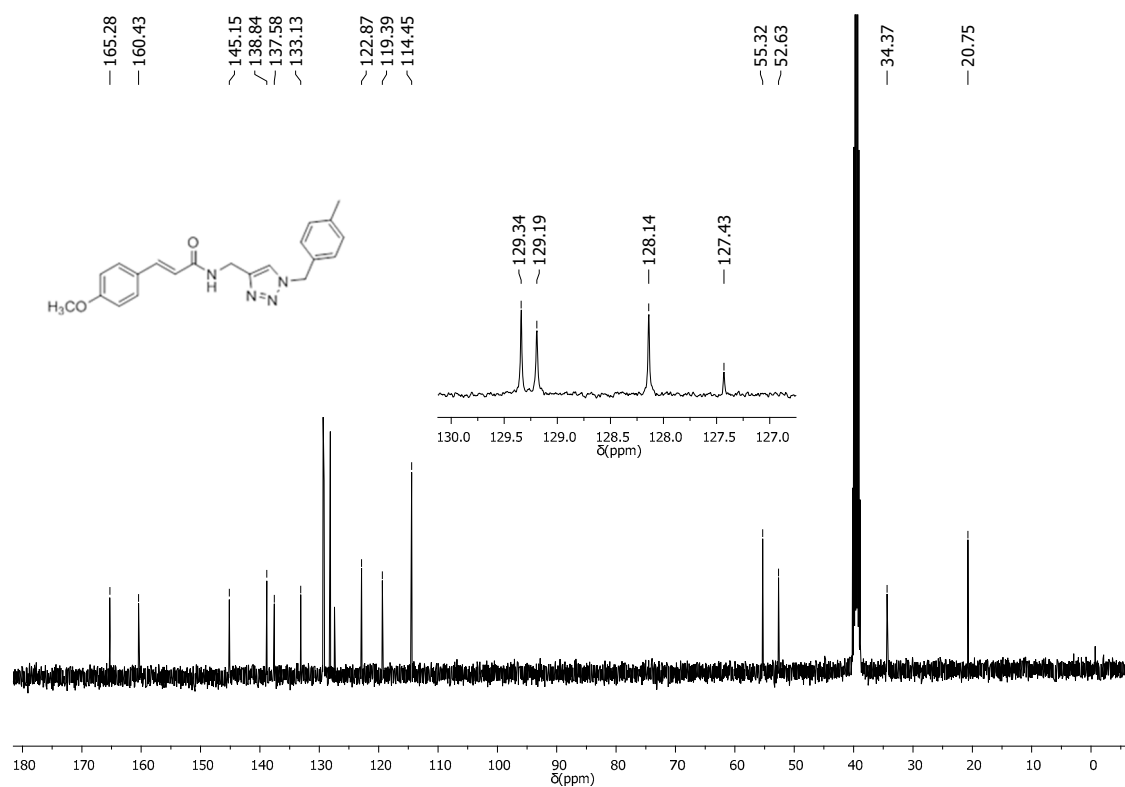


Figure S3 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **5**.

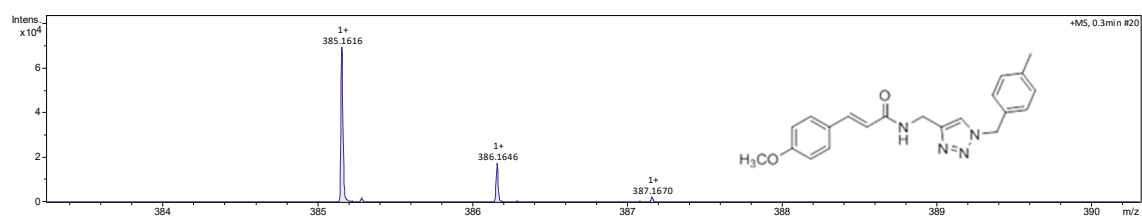


Figure S4 - HRMS spectrum of **5**.

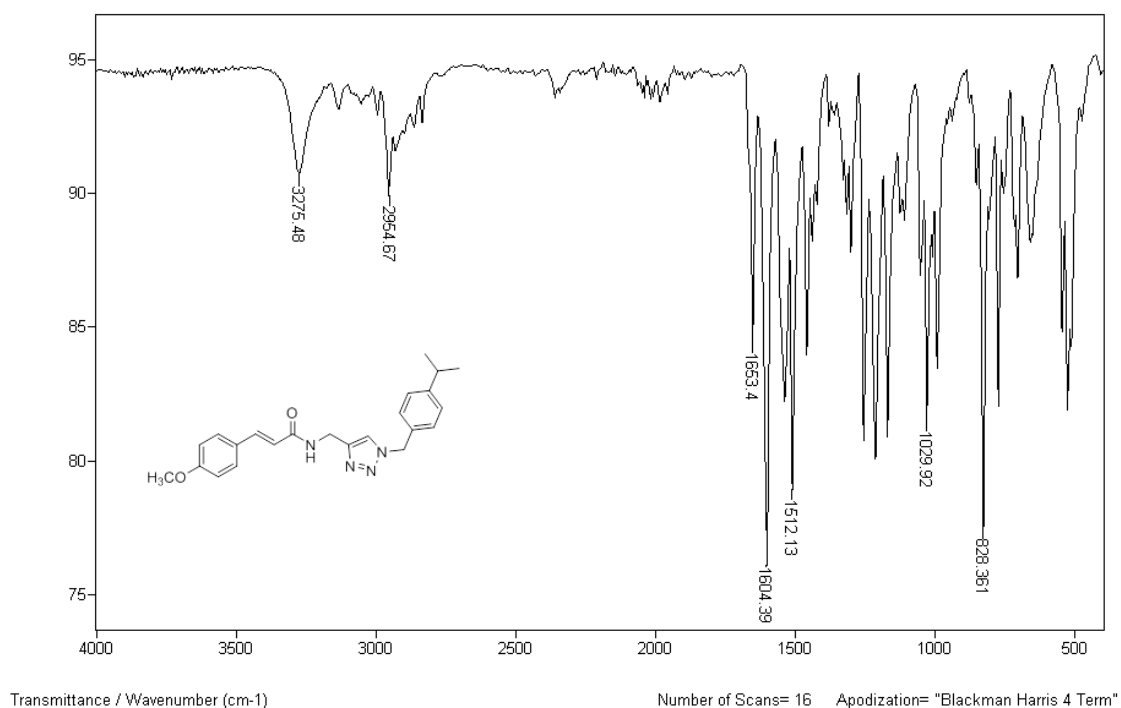


Figure S5 - IR spectrum (ATR) of **6**.

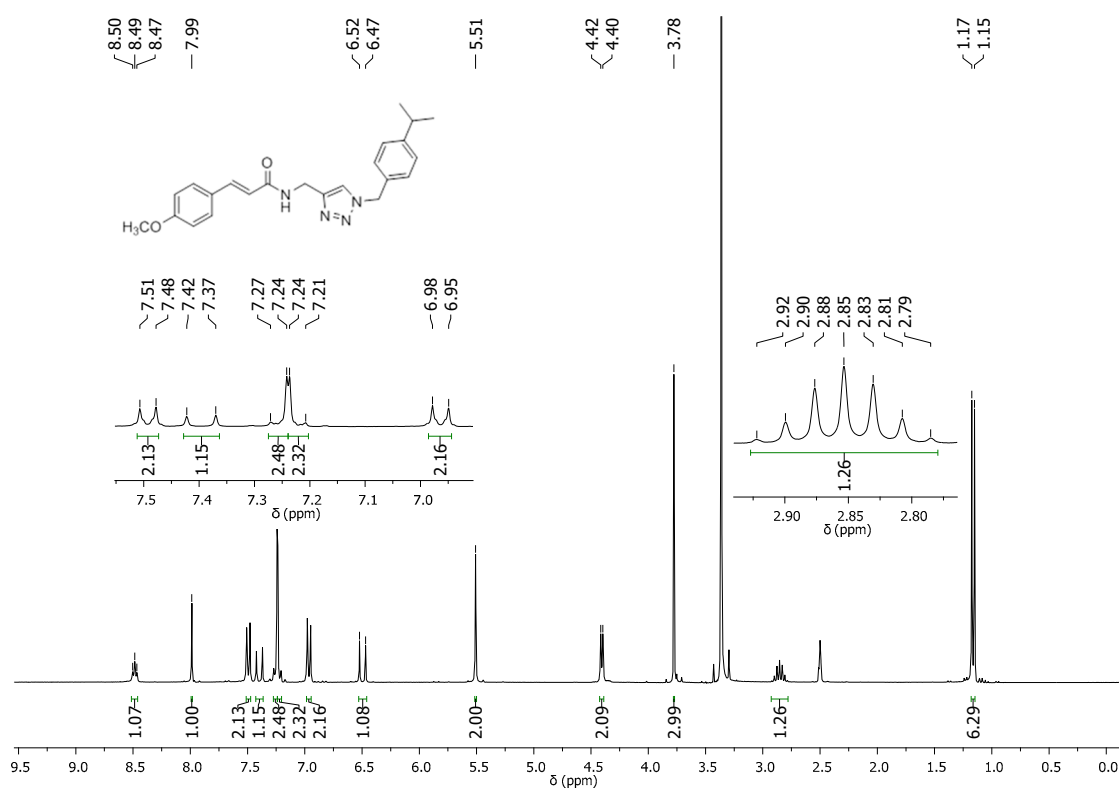


Figure S6 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **6**.

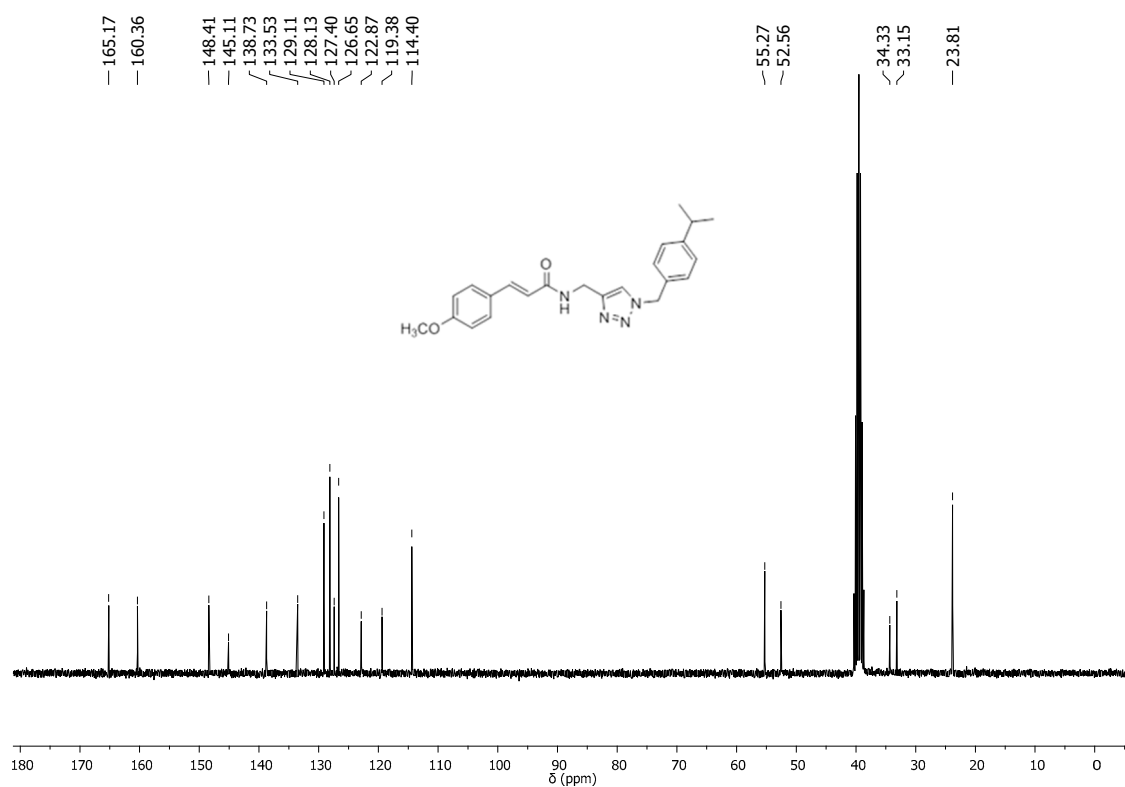


Figure S7 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **6**.

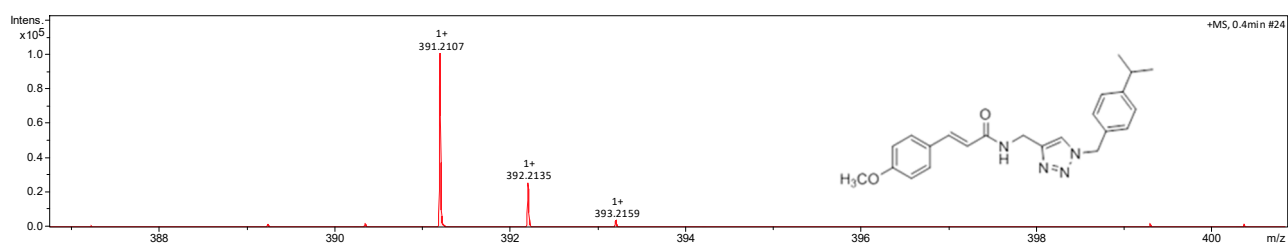
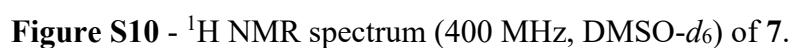
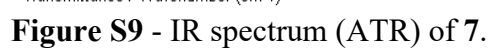


Figure S8 - HRMS spectrum of **6**.



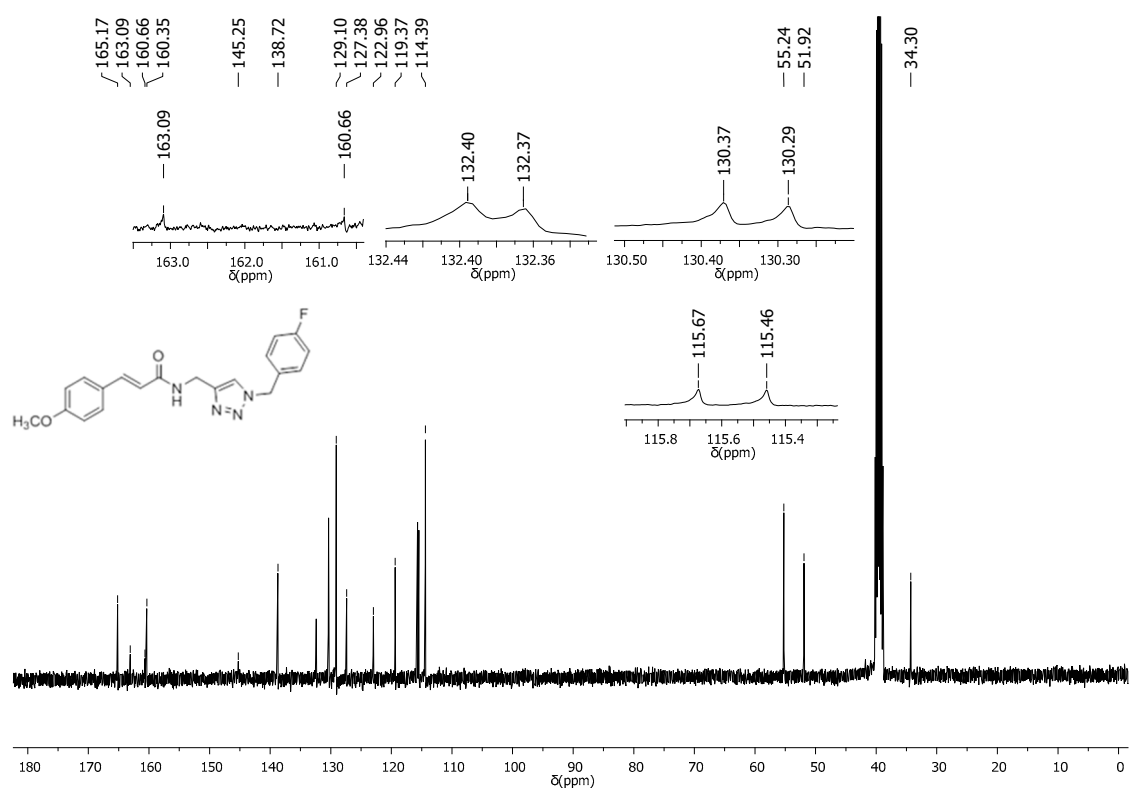


Figure S11 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of 7.

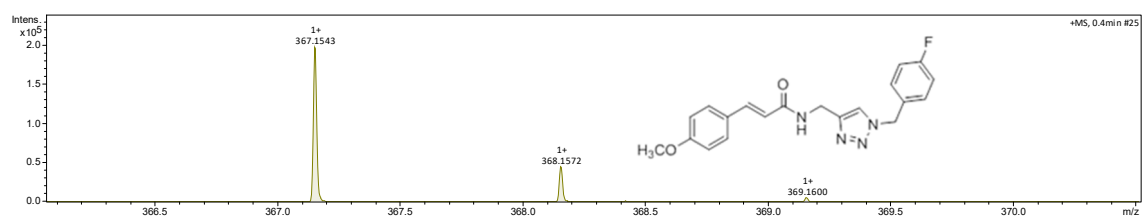


Figure S12 - HRMS spectrum of 7.

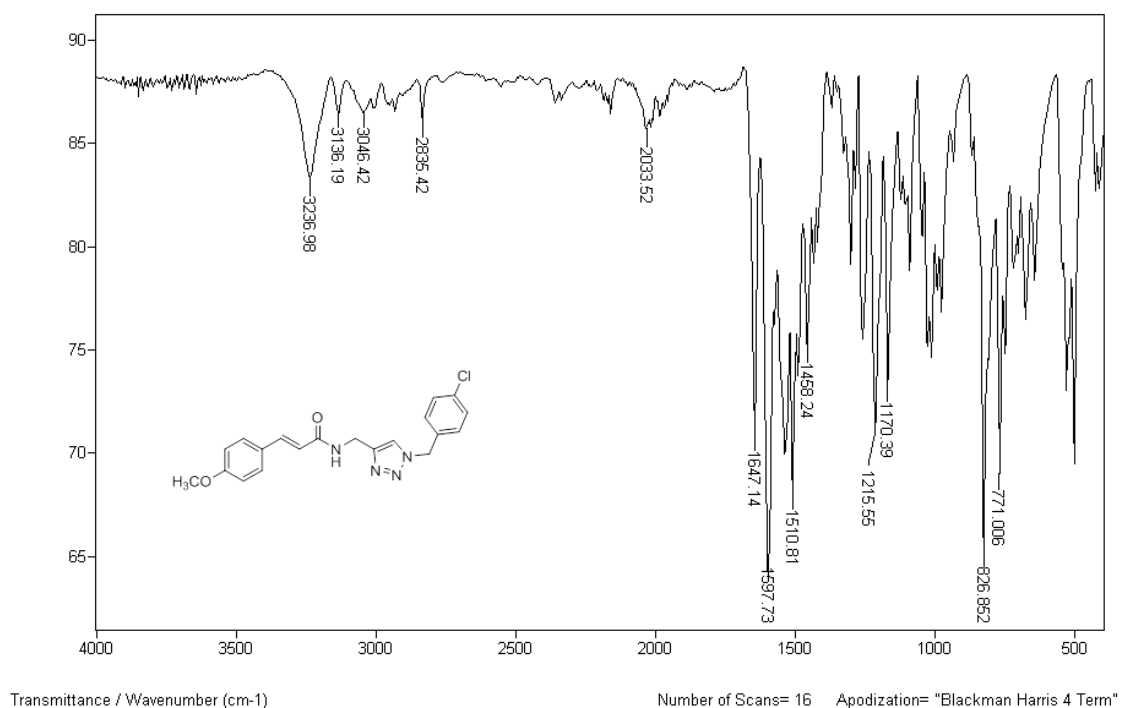


Figure S13 - IR spectrum (ATR) of **8**.

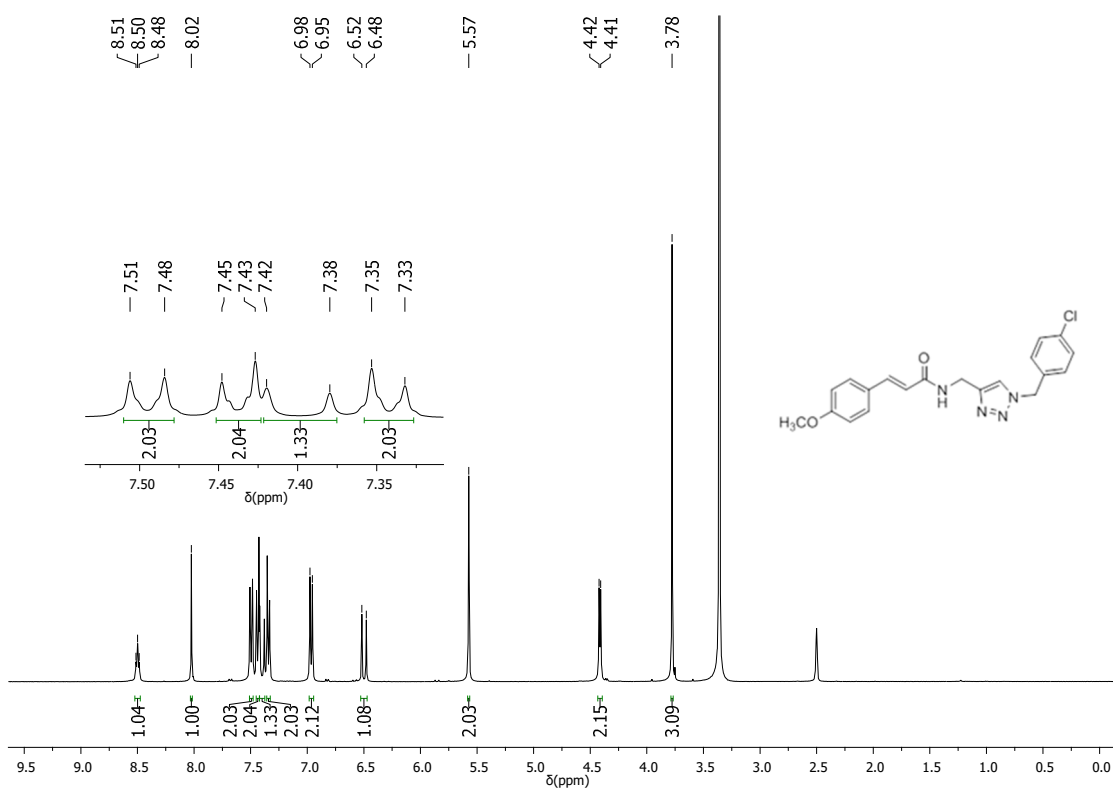


Figure S14 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **8**.

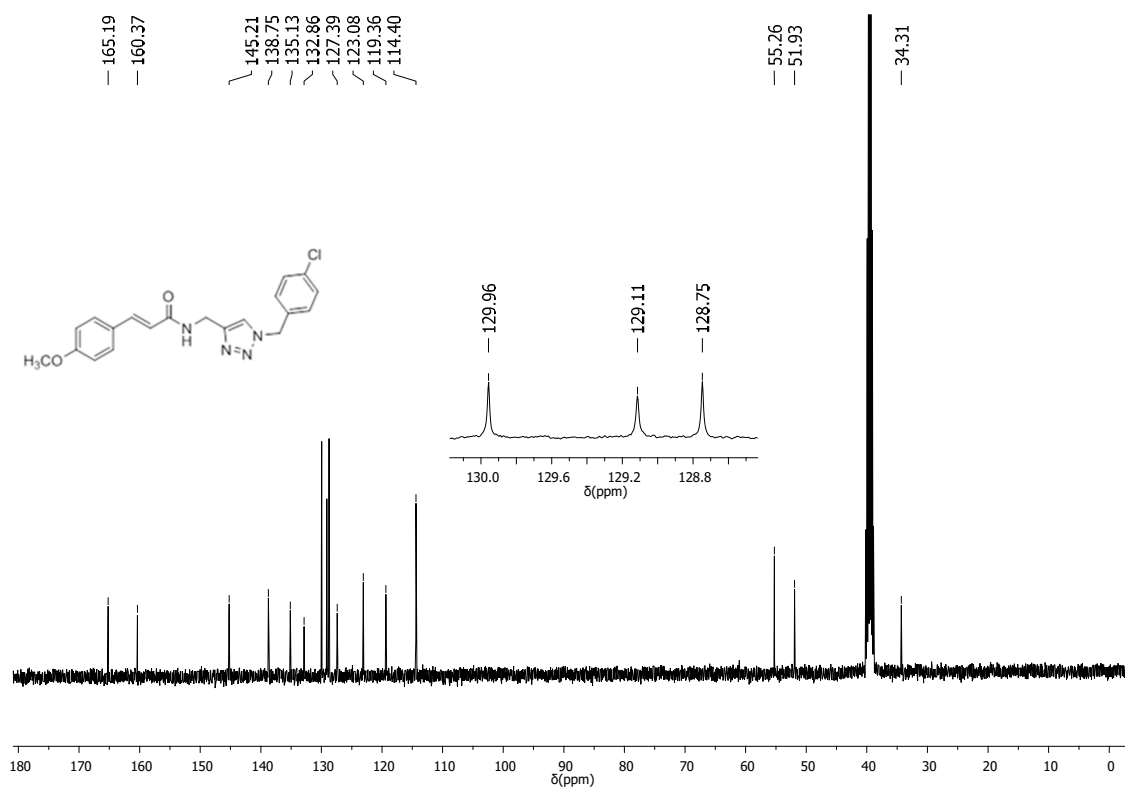


Figure S15 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **8**.

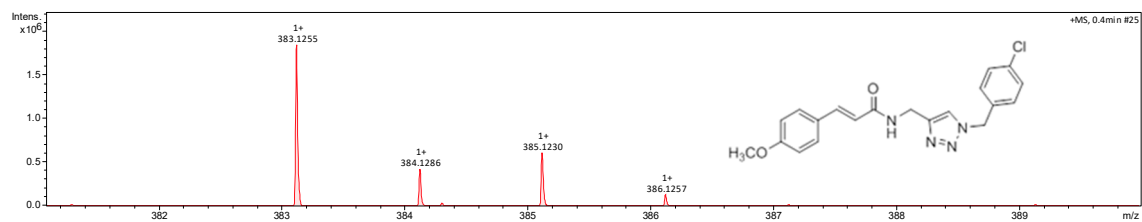


Figure S16 - HRMS spectrum of **8**.

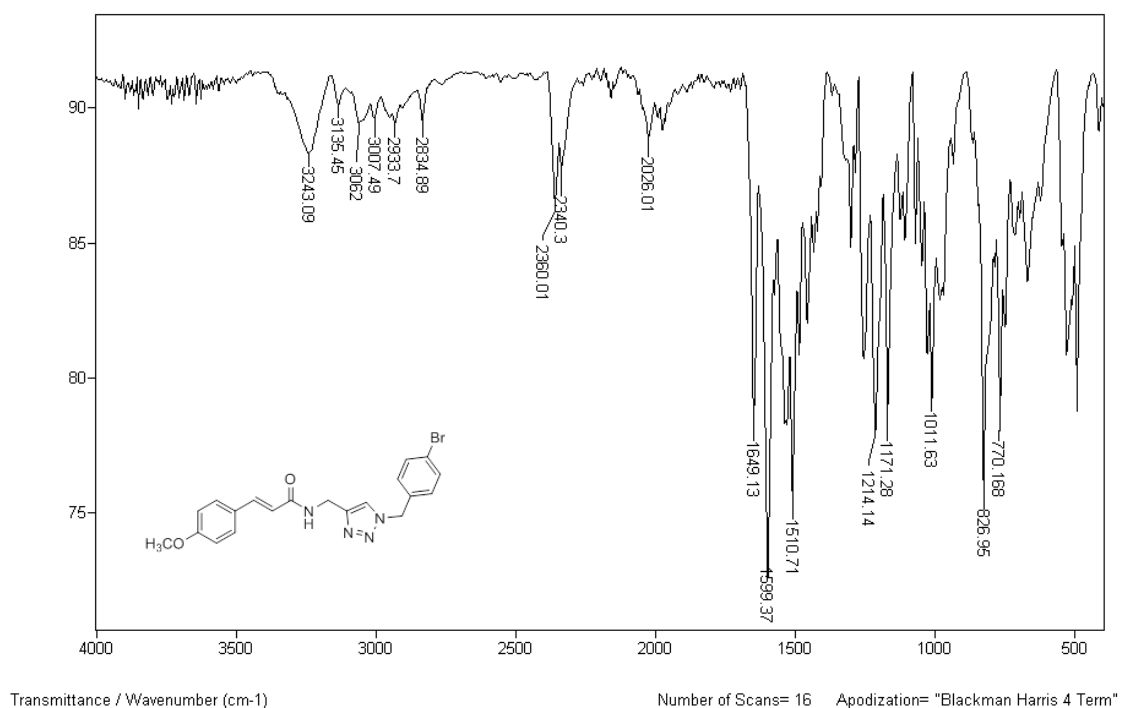


Figure S17 - IR spectrum (ATR) of 9.

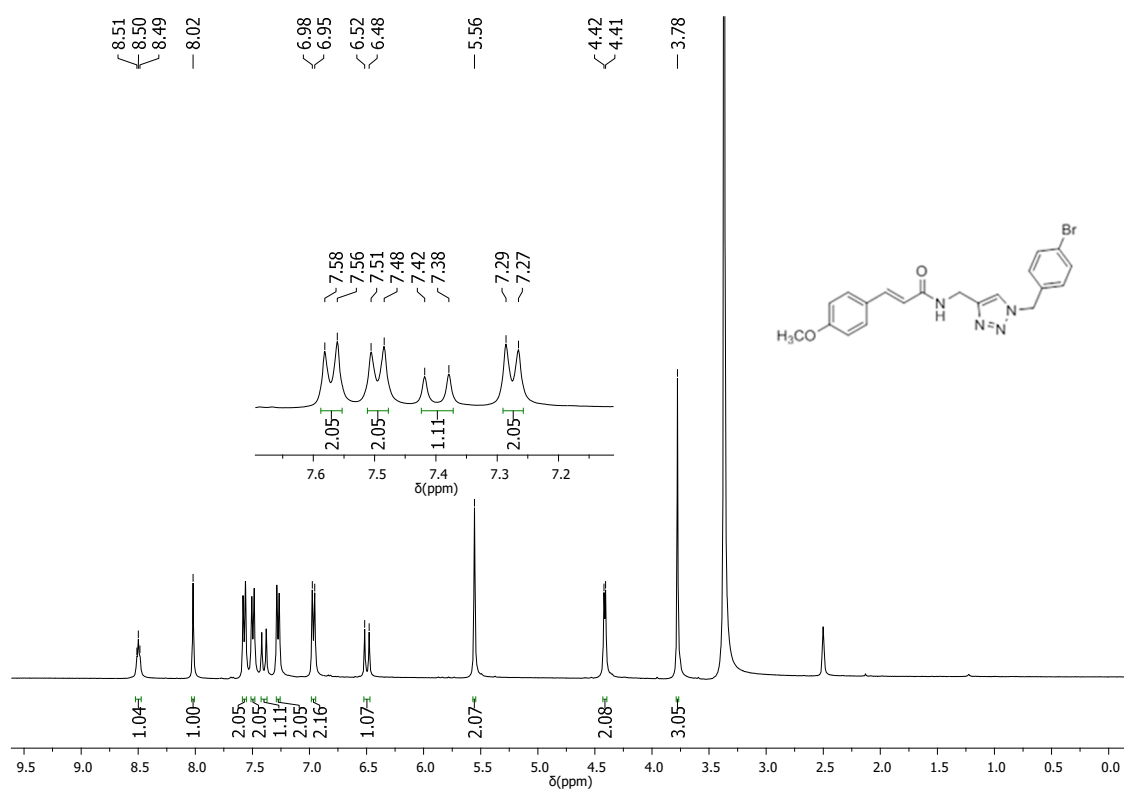


Figure S18 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of 9.

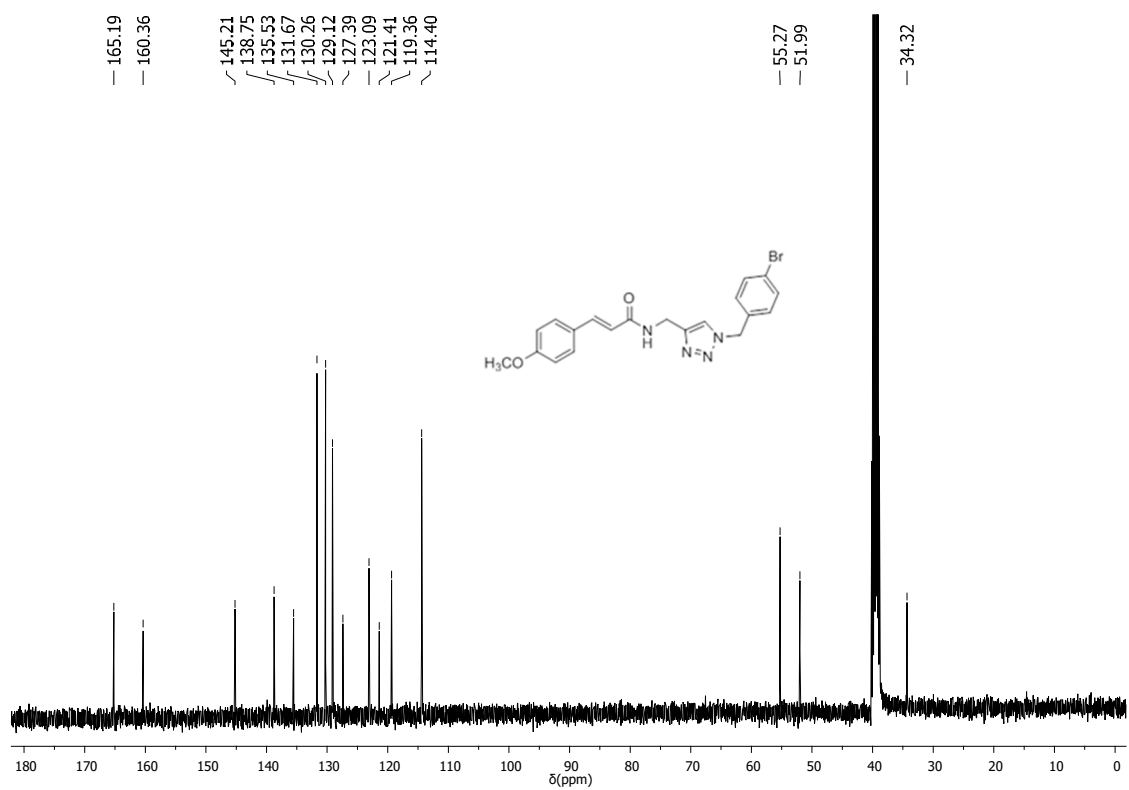


Figure S19 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **9**.

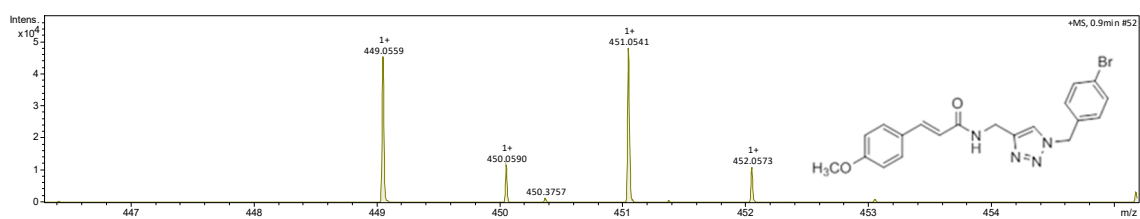


Figure S20 - HRMS spectrum of **9**.

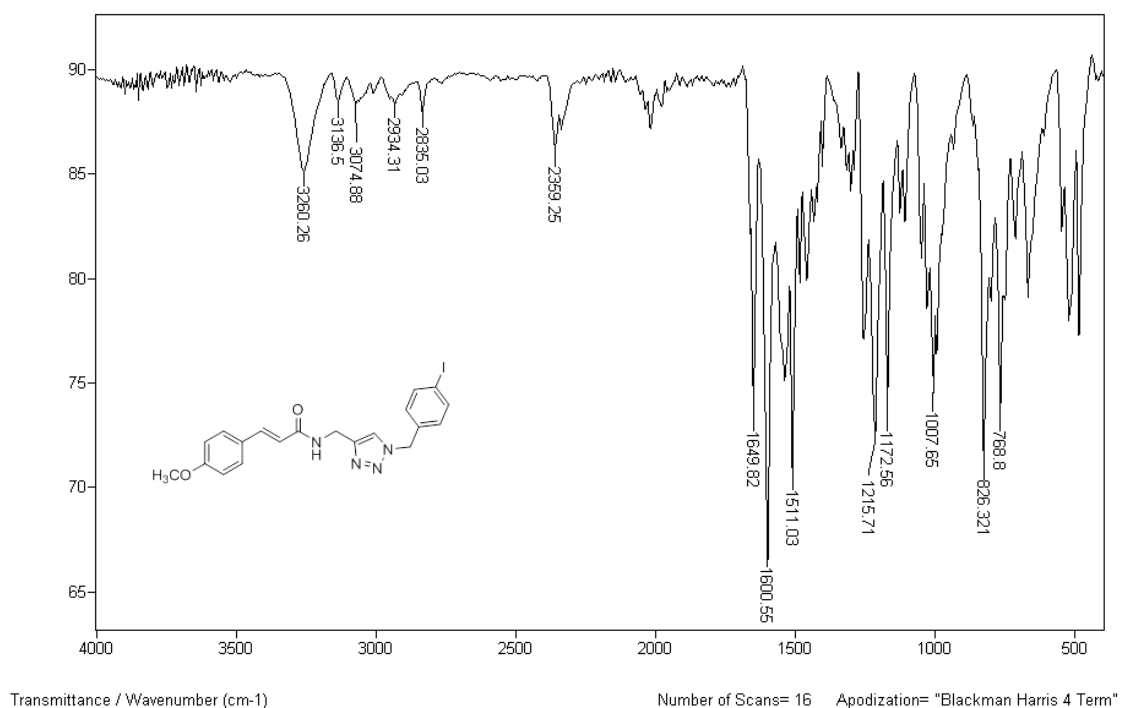


Figure S21 - IR spectrum (ATR) of **10**.

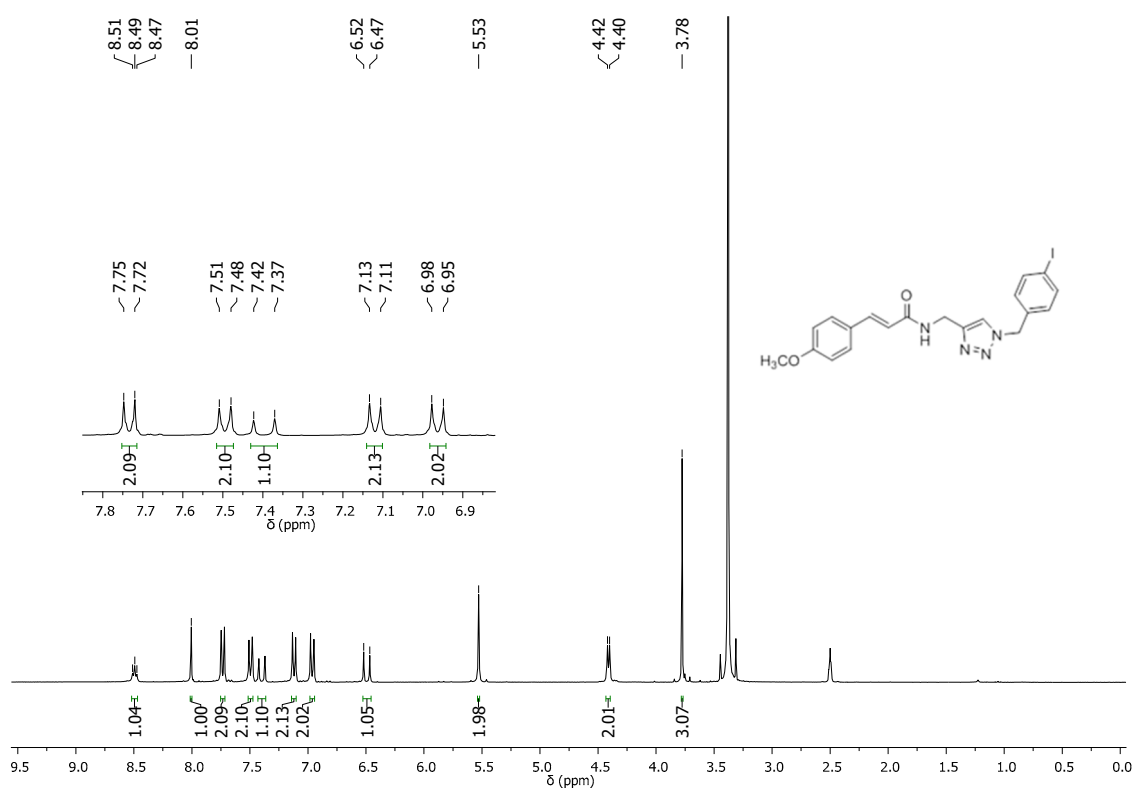


Figure S22 - ^1H NMR spectrum (400 MHz, $\text{DMSO}-d_6$) of **10**.

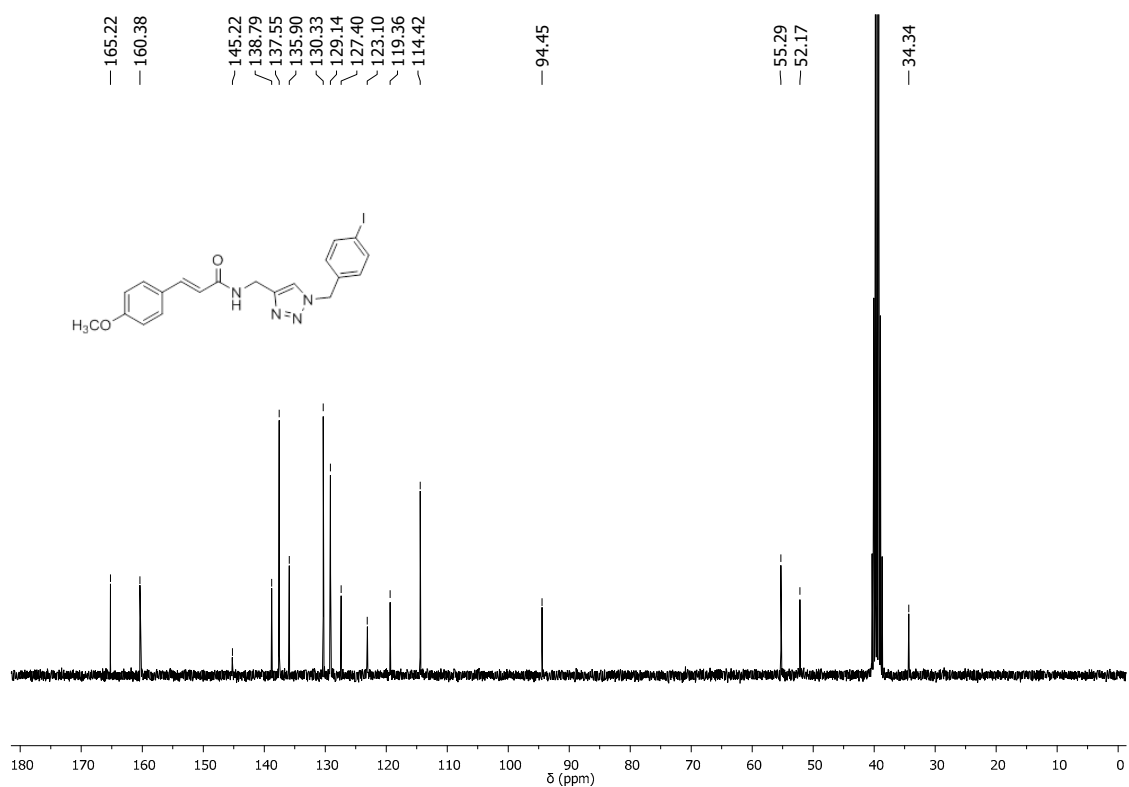


Figure S23 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **10**.

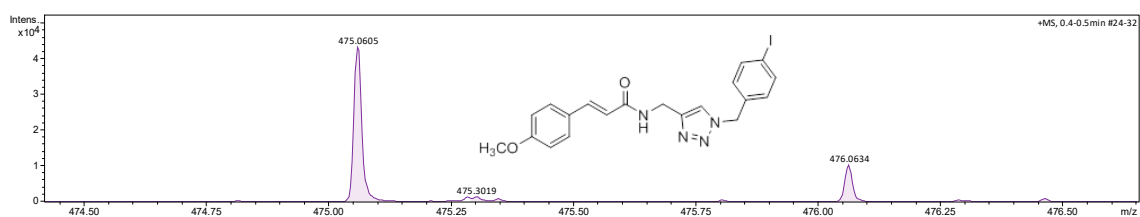


Figure S24 - HRMS spectrum of **10**.

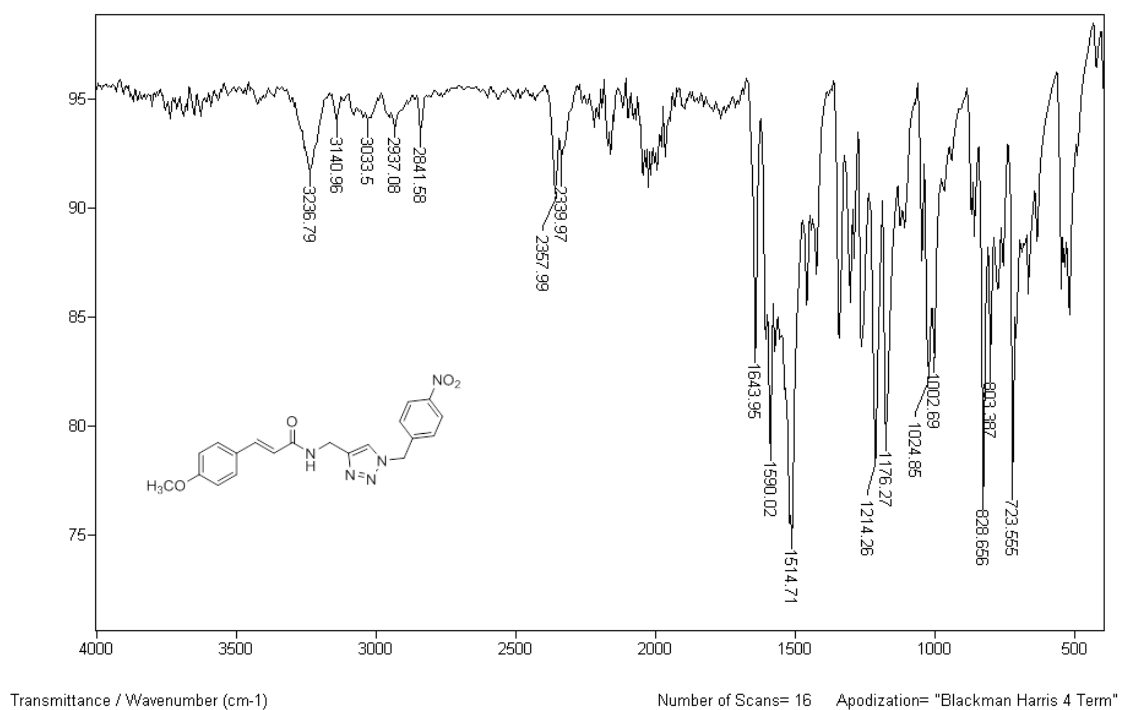


Figure S25 - IR spectrum (ATR) of 11.

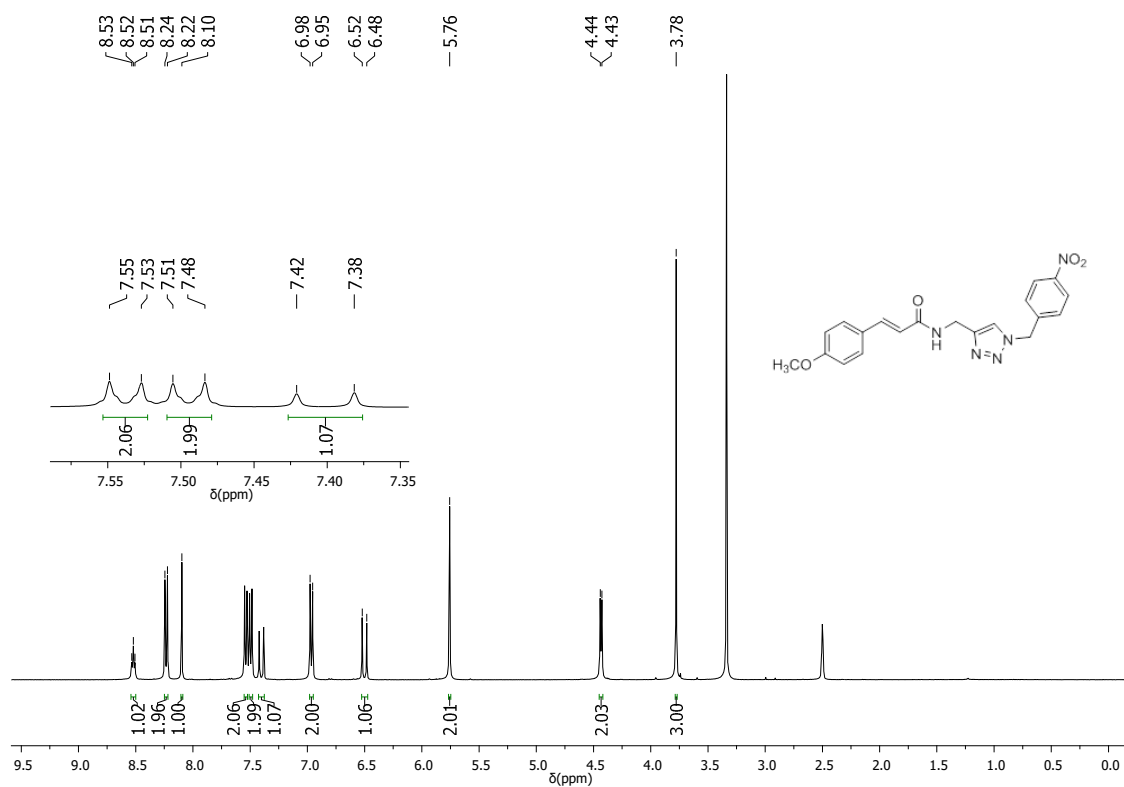


Figure S26 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of 11.

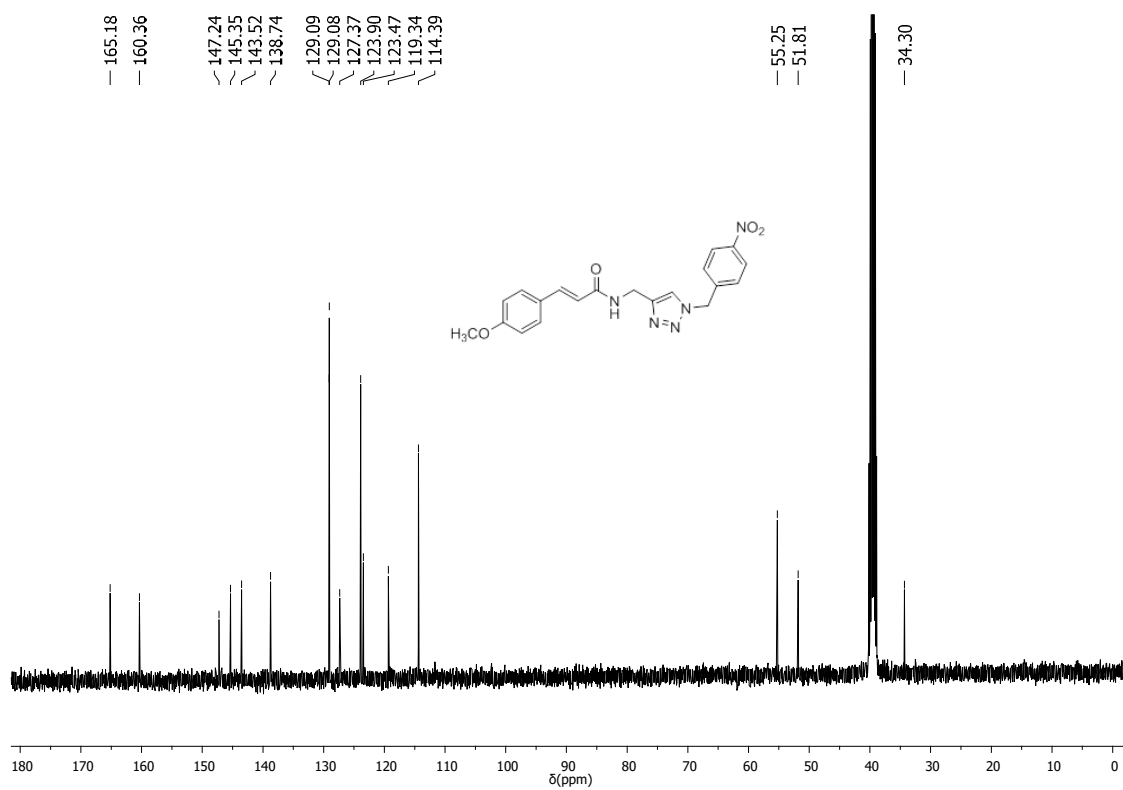


Figure S27 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **11**.

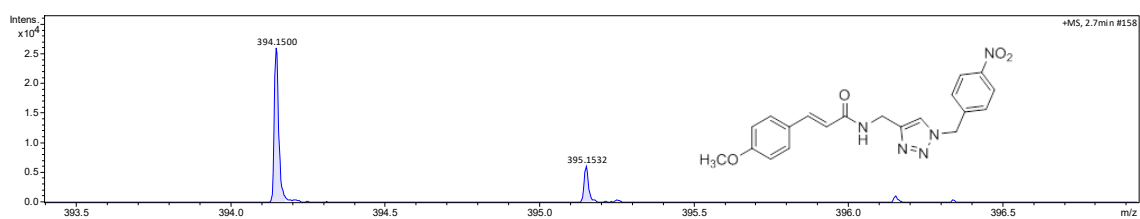


Figure S28 - HRMS spectrum of **11**.

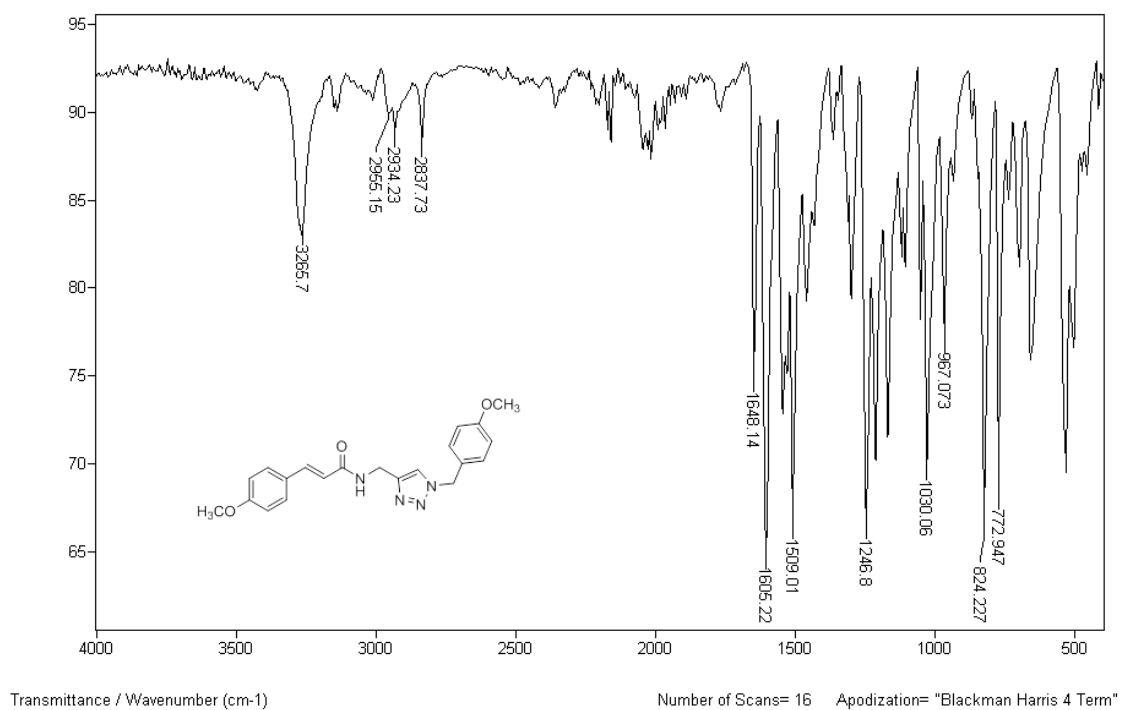


Figure S29 - IR spectrum (ATR) of **12**.

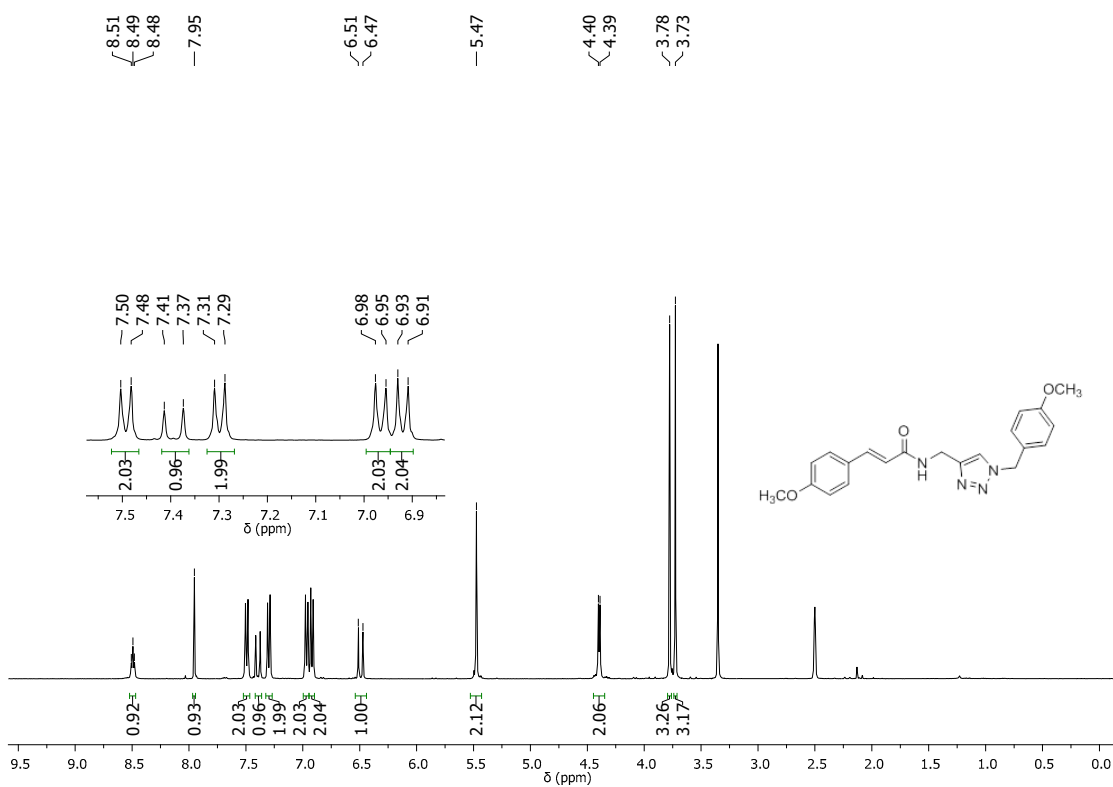


Figure S30 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **12**.

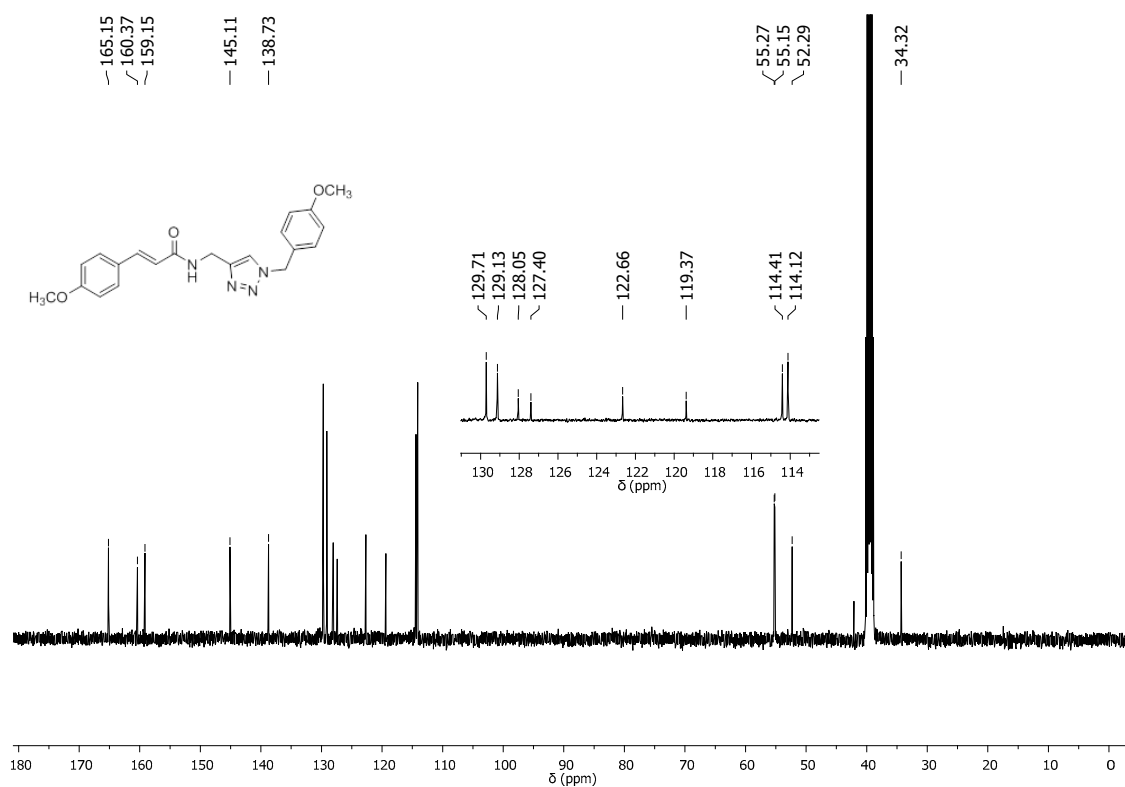


Figure S31 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **12**.

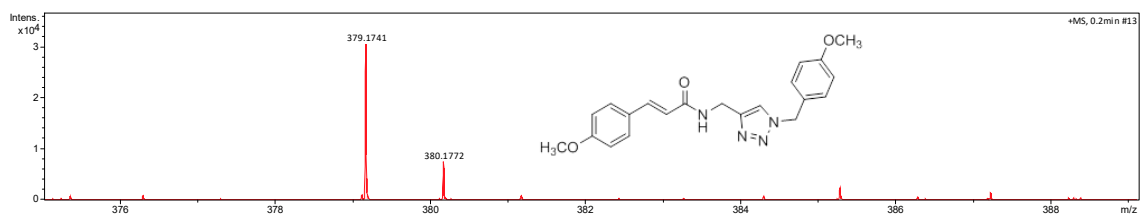


Figure S32 - HRMS spectrum of **12**.

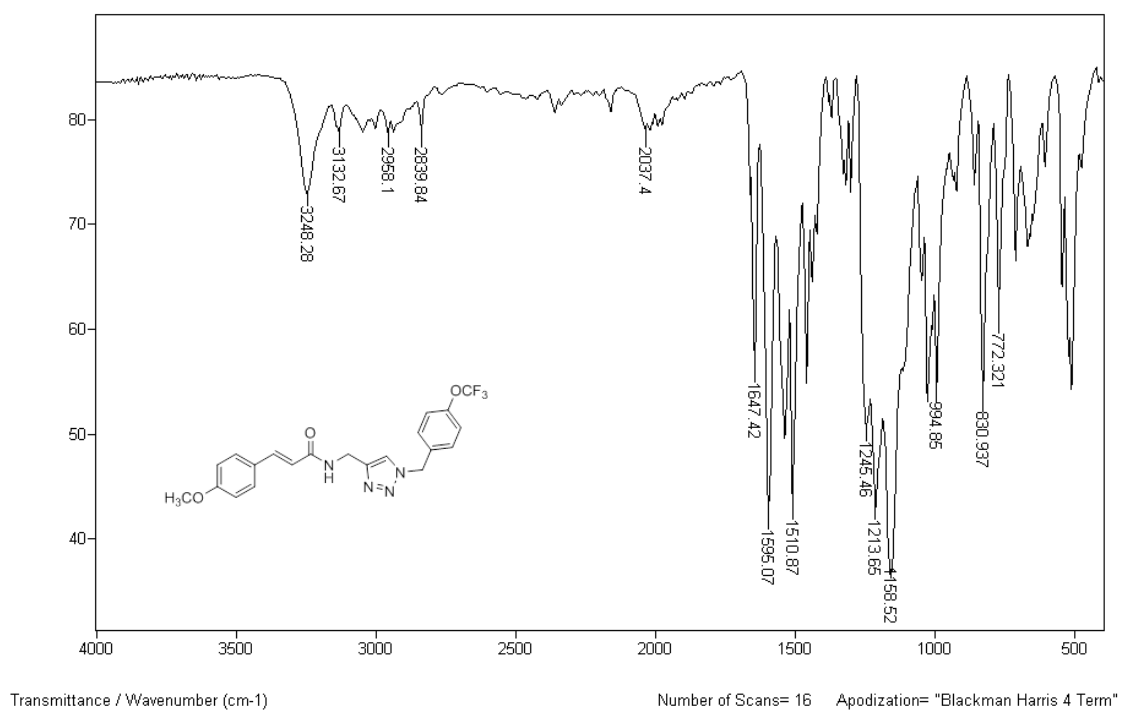


Figure S33 - IR spectrum (ATR) of **13**.

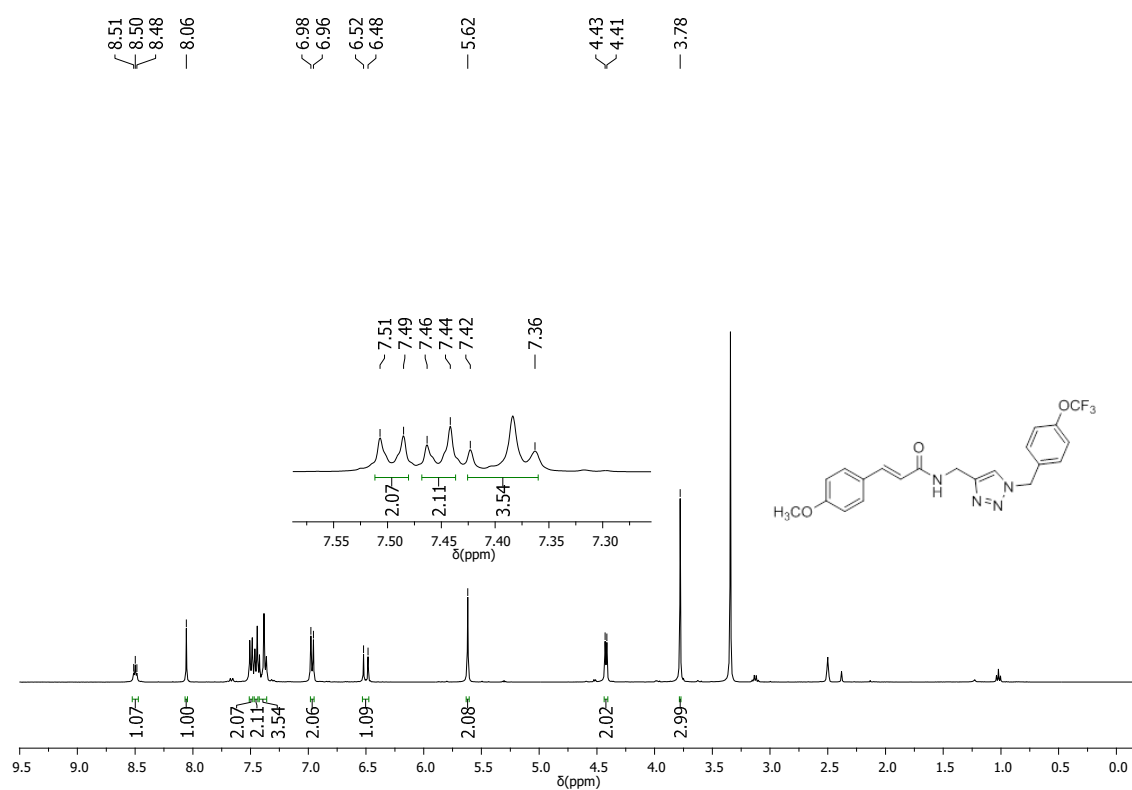


Figure S34 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **13**.

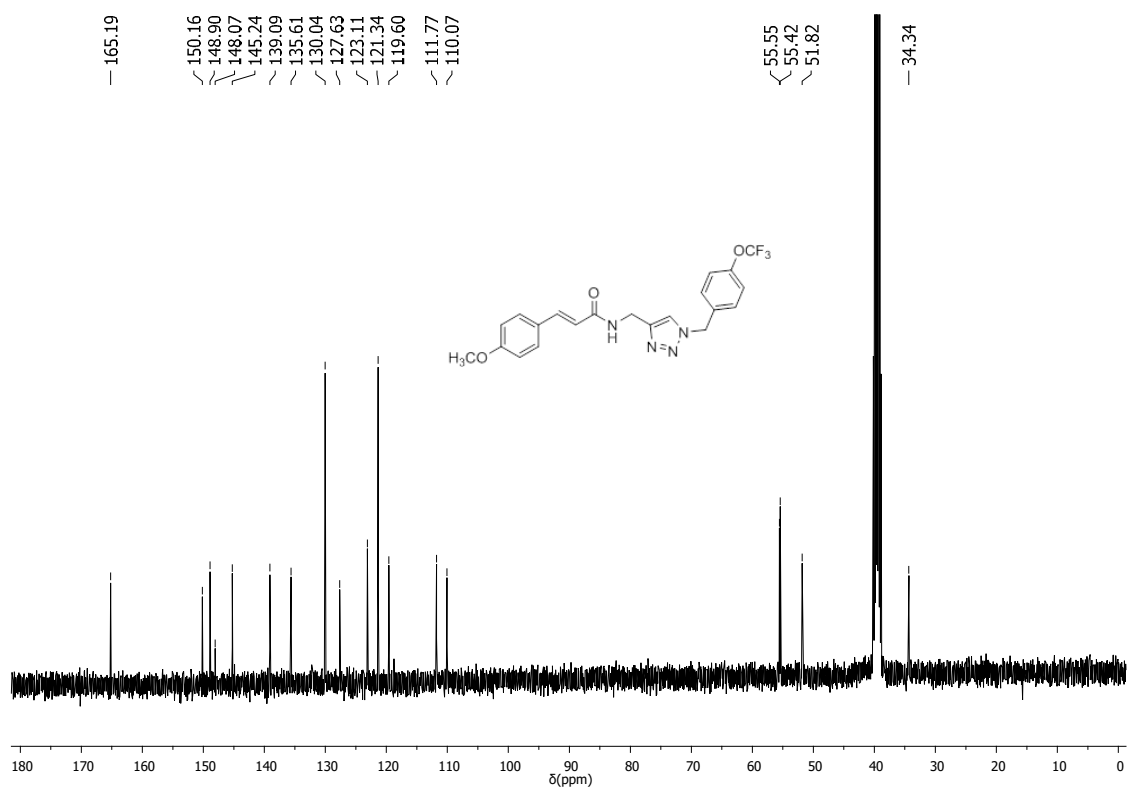


Figure S35 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **13**.

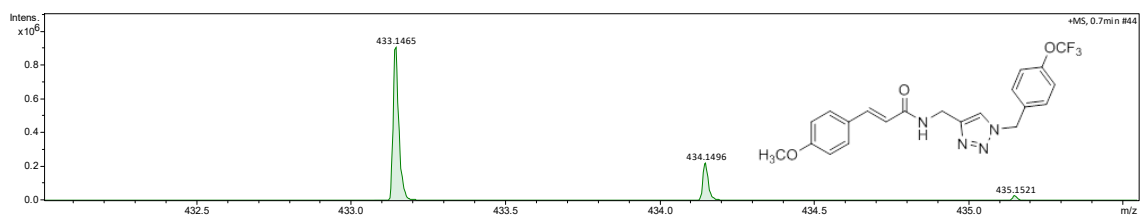


Figure S36 - HRMS spectrum of **13**.

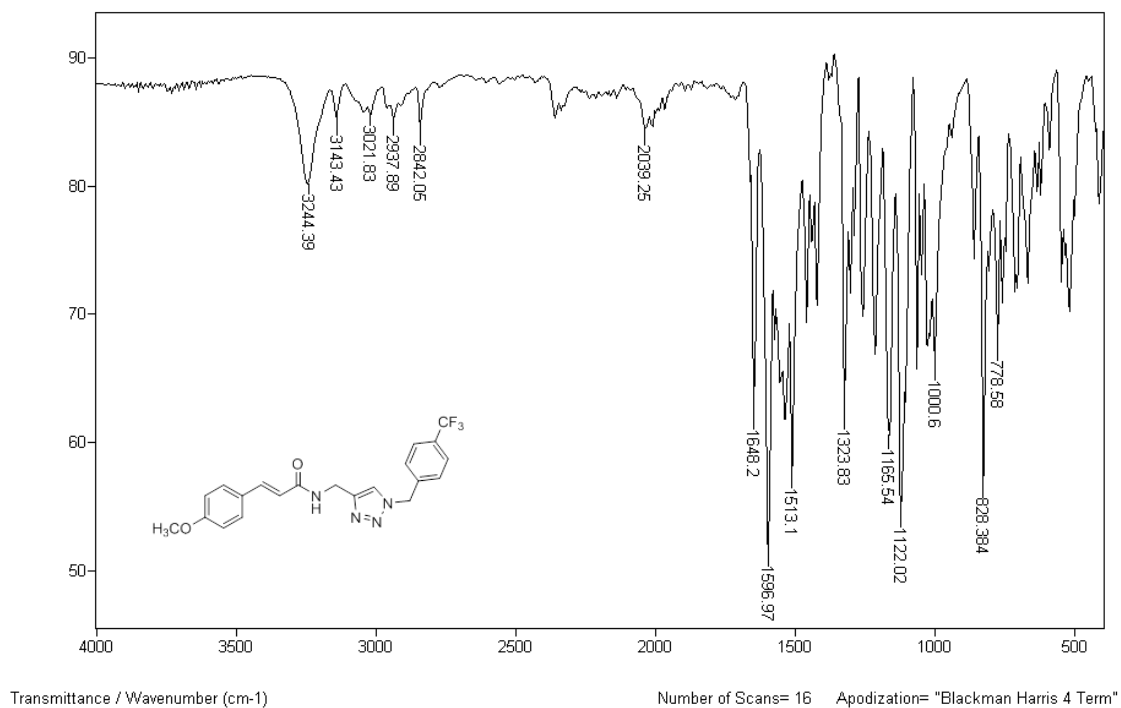


Figure S37 - IR spectrum (ATR) of **14**.

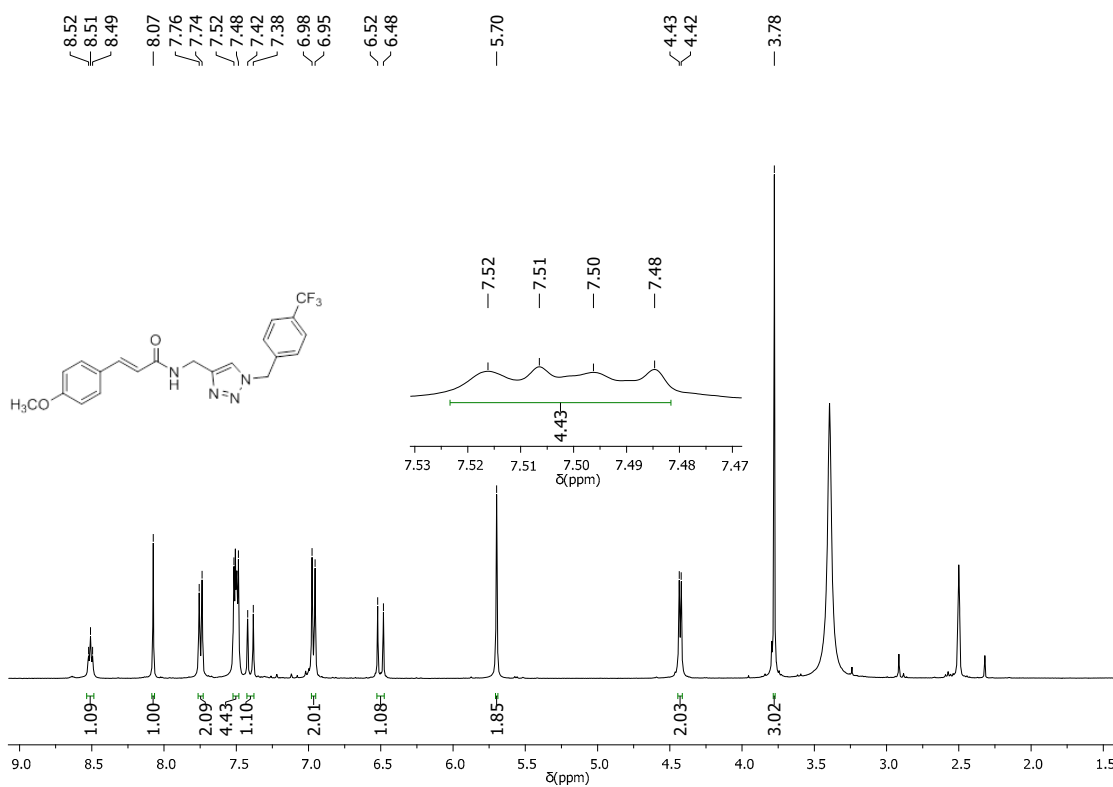


Figure S38 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **14**.

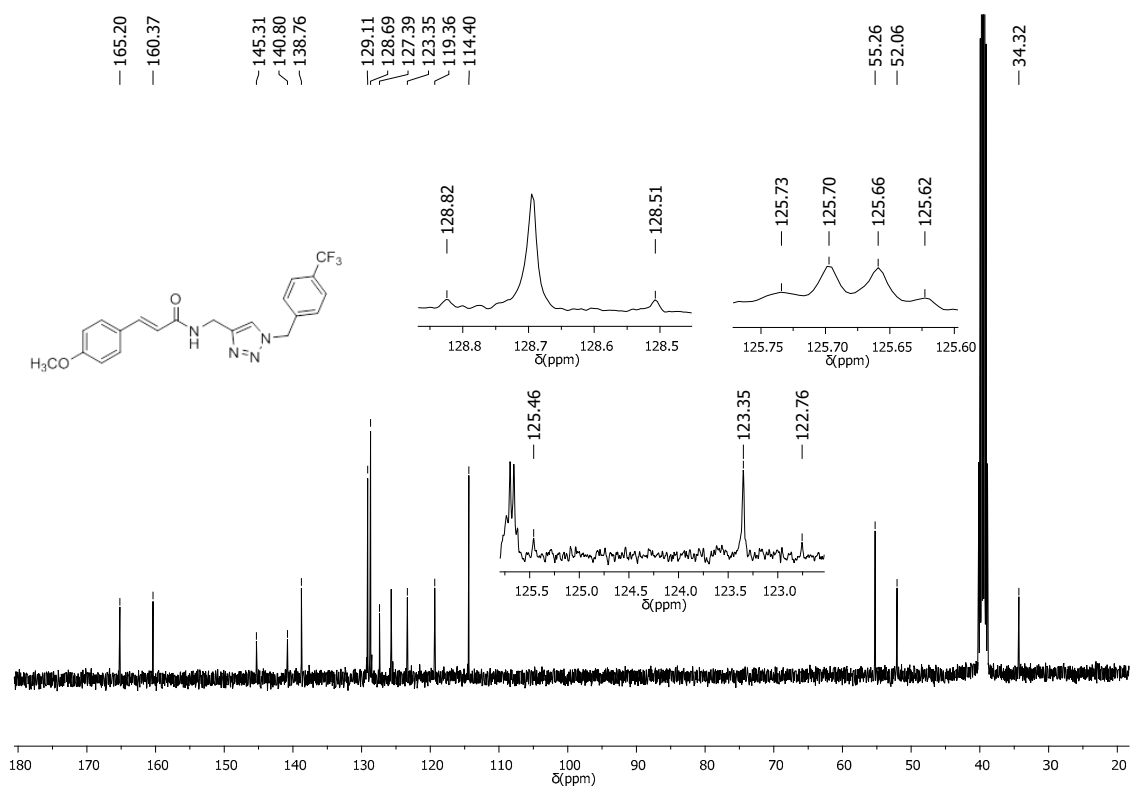


Figure S39 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **14**.

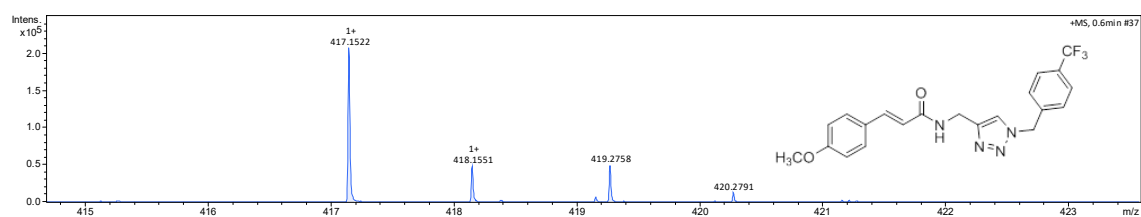


Figure S40 - HRMS spectrum of **14**.

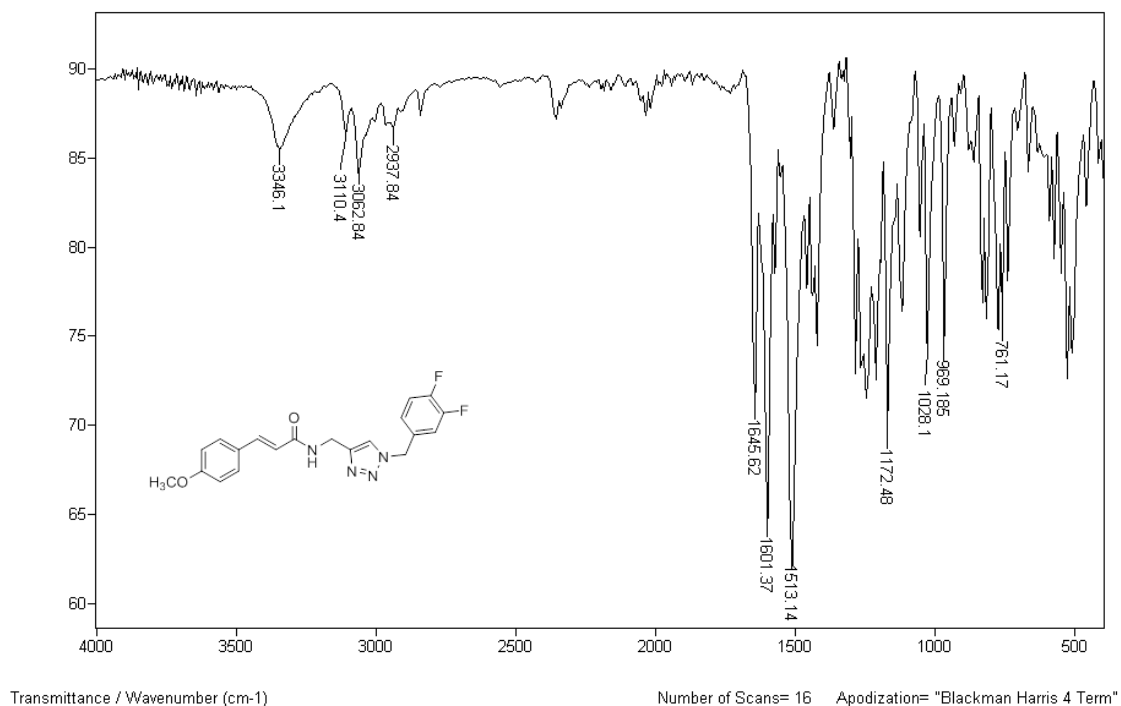


Figure S41 - IR spectrum (ATR) of 15.

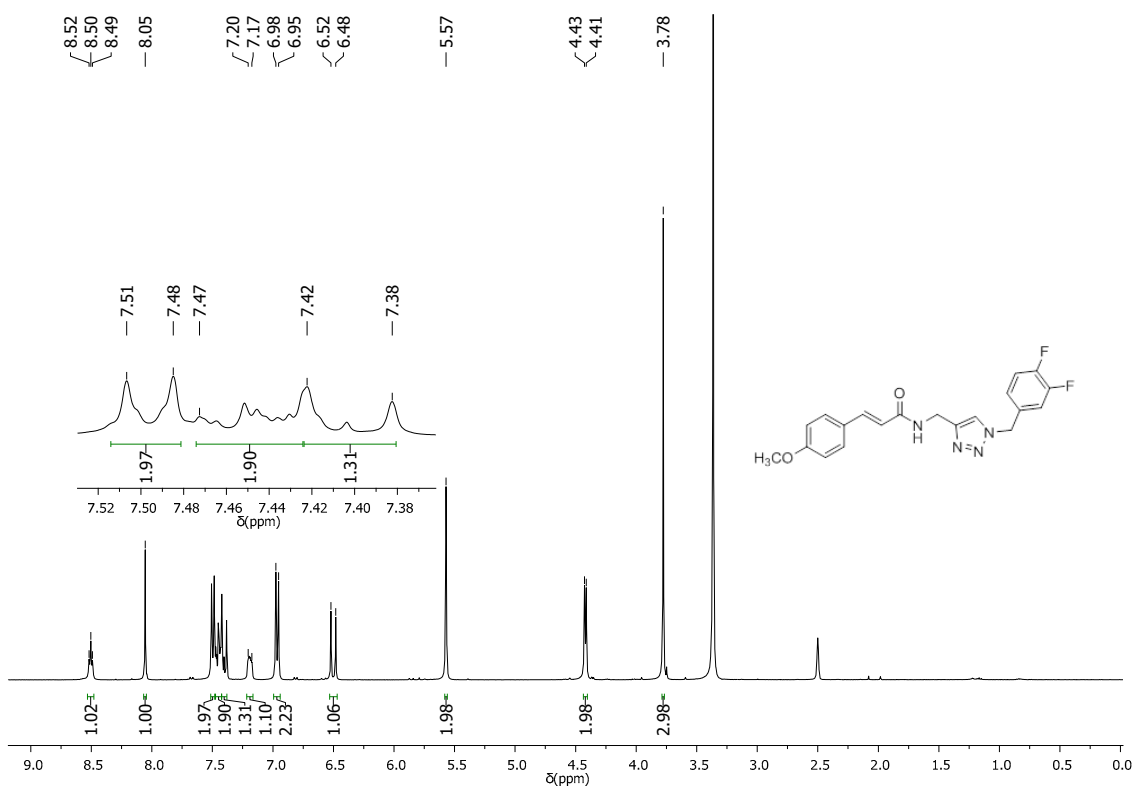


Figure S42 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of 15.

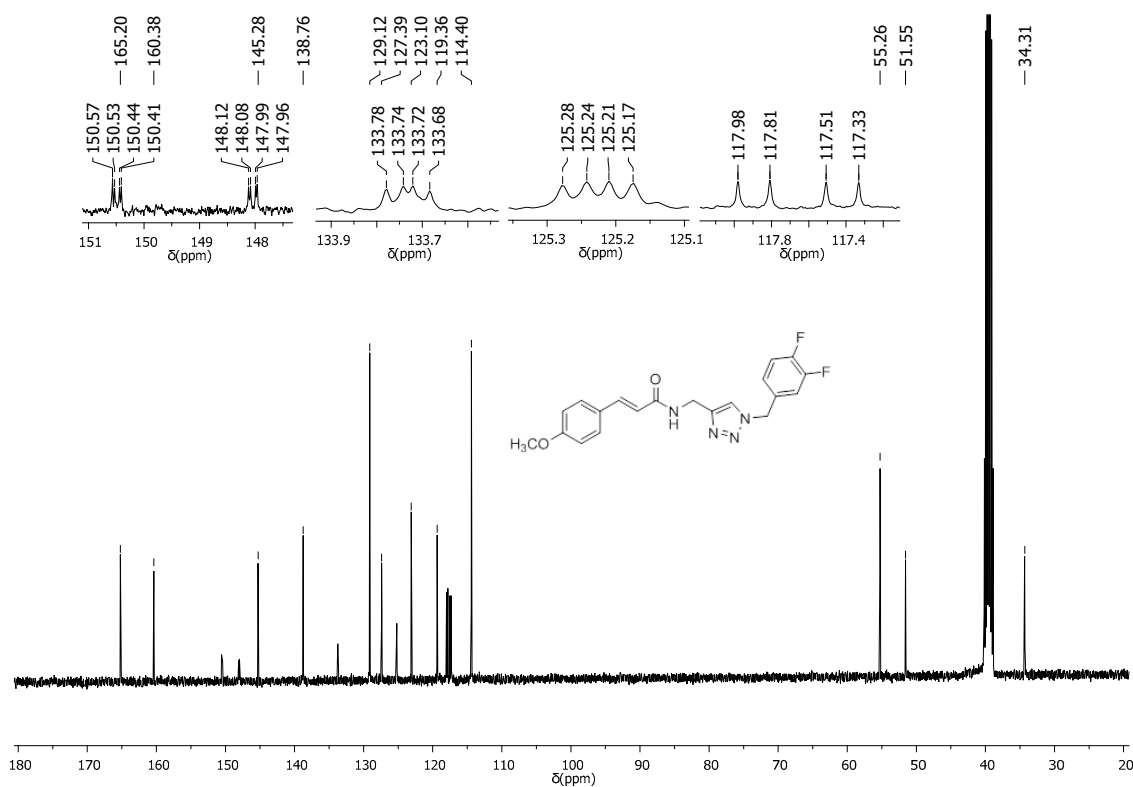


Figure S43 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **15**.

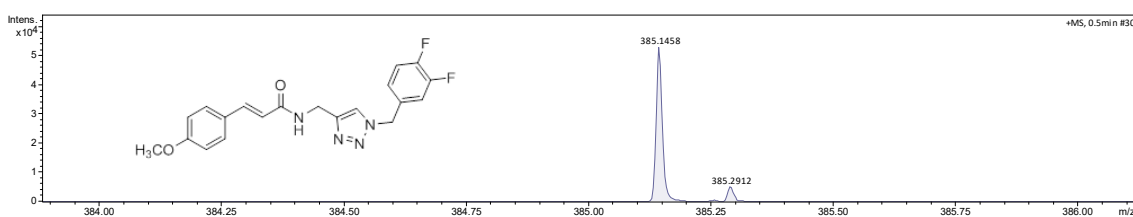


Figure S44 - HRMS spectrum of **15**.

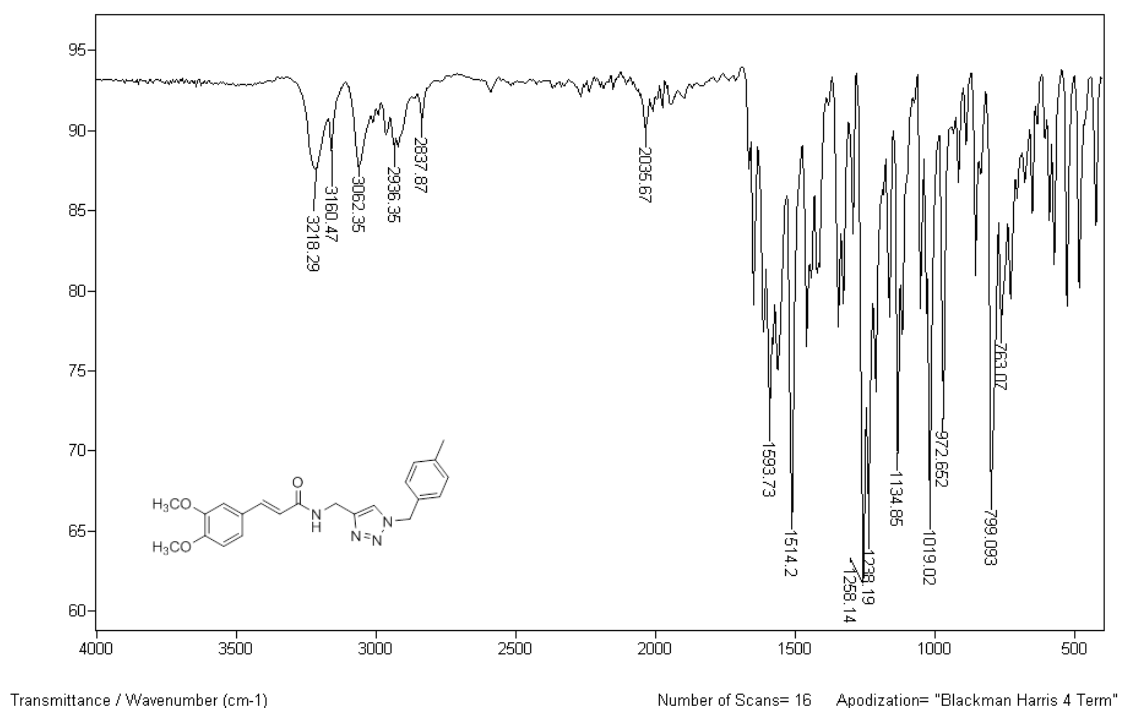


Figure S45 - IR spectrum (ATR) of 16.

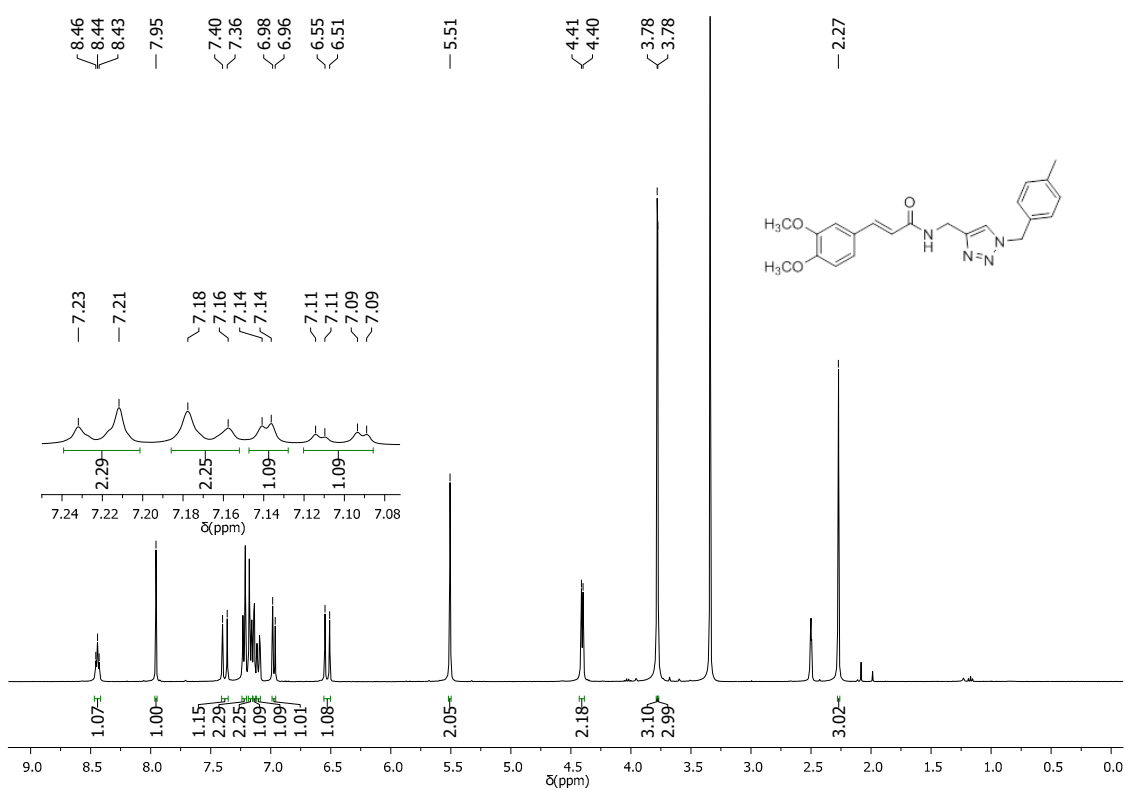


Figure S46 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of 16.

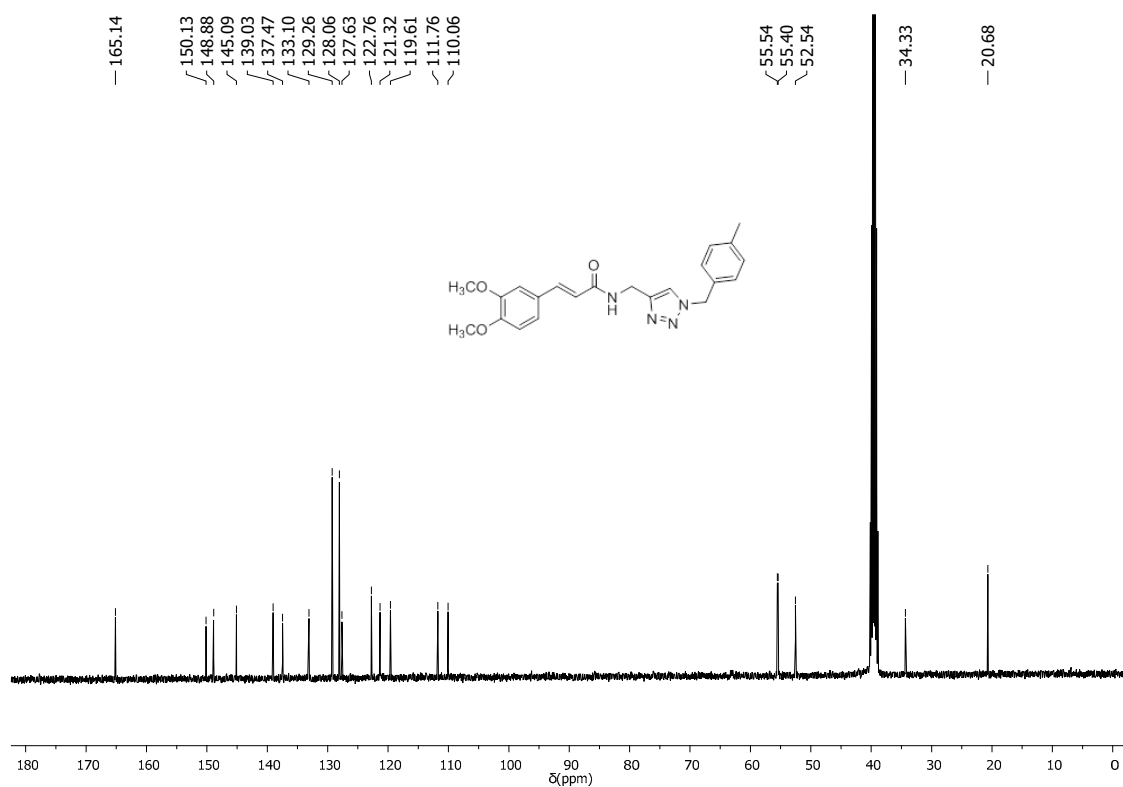


Figure S47 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **16**.

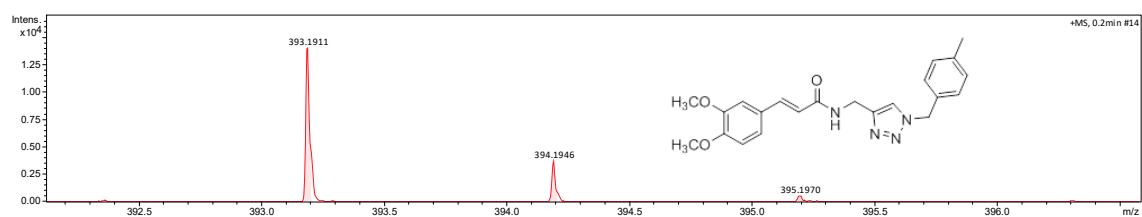


Figure S48 - HRMS spectrum of **16**.

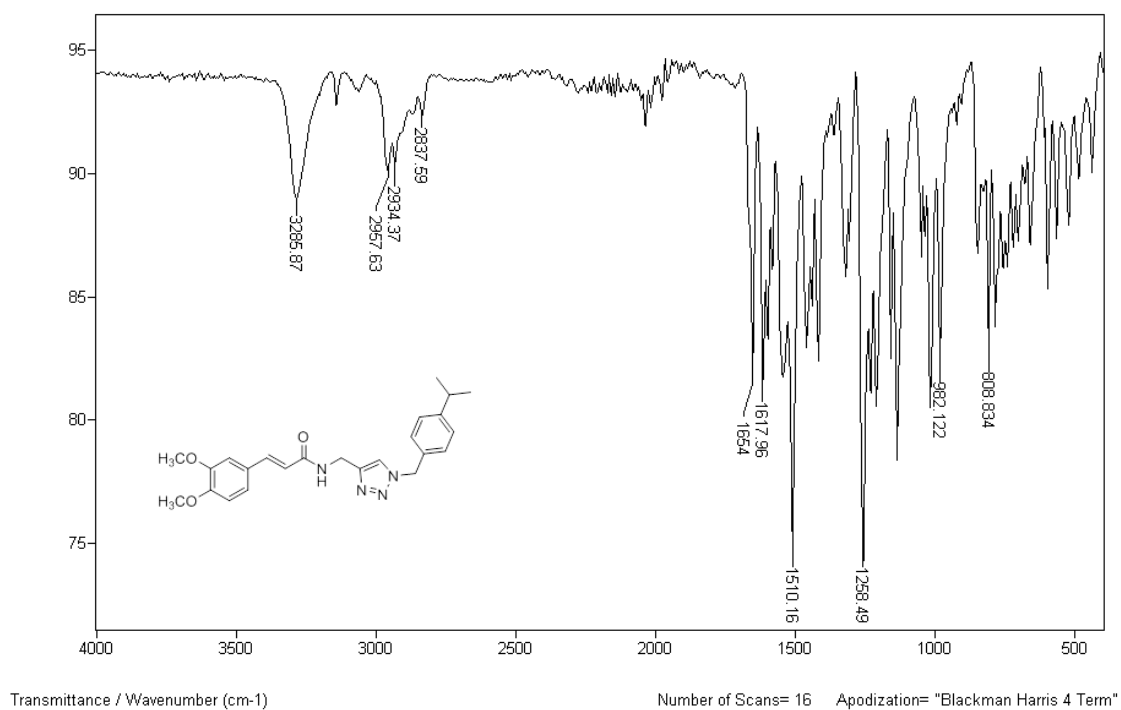


Figure S49 - IR spectrum (ATR) of **17**.

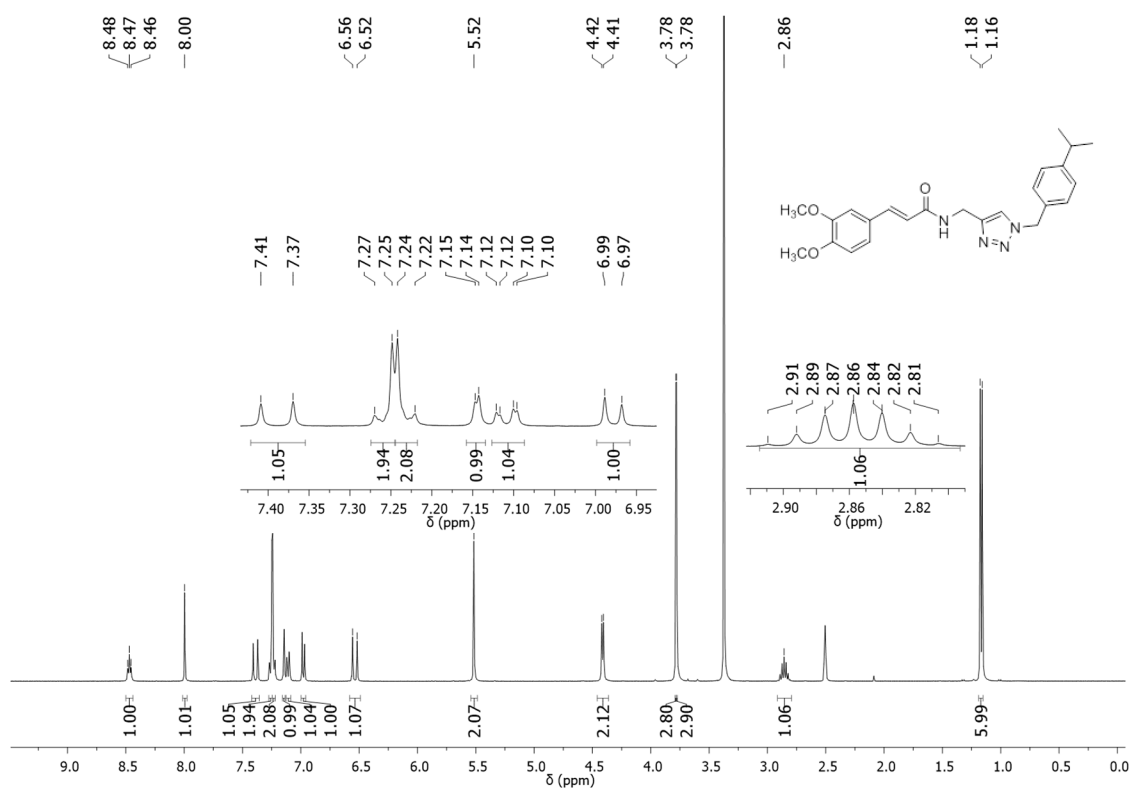


Figure S50 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **17**.

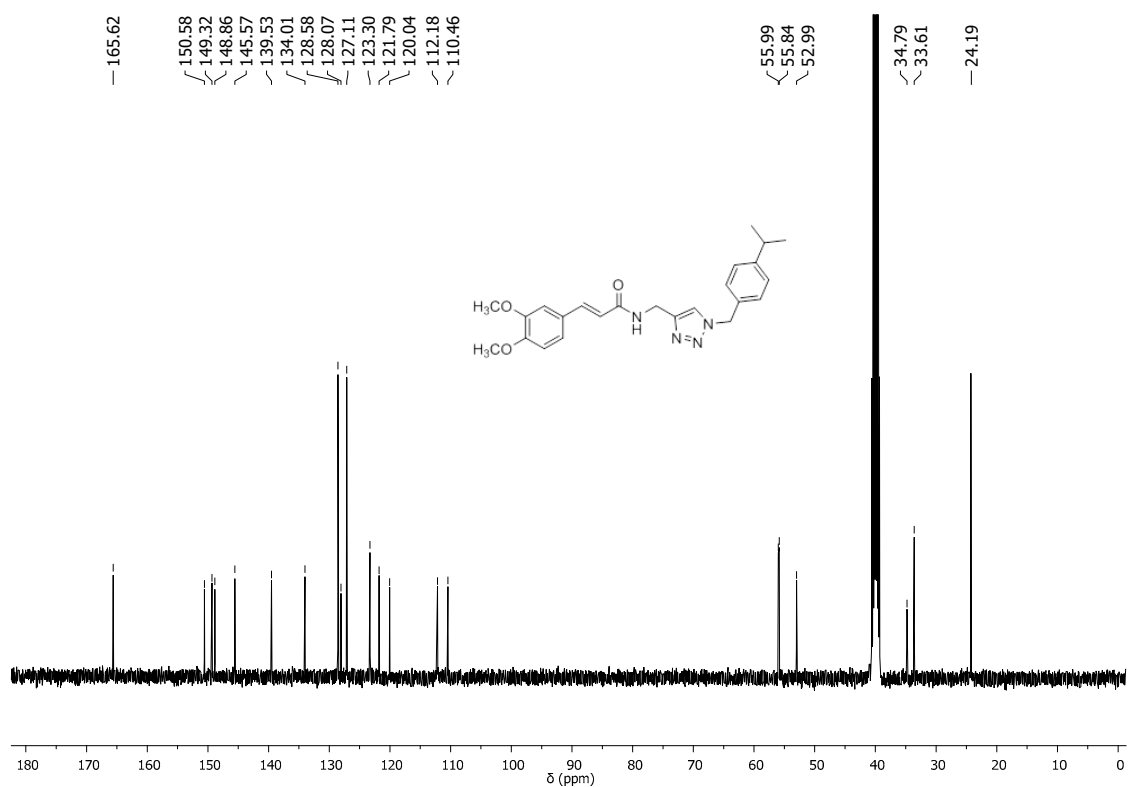


Figure S51 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **17**.

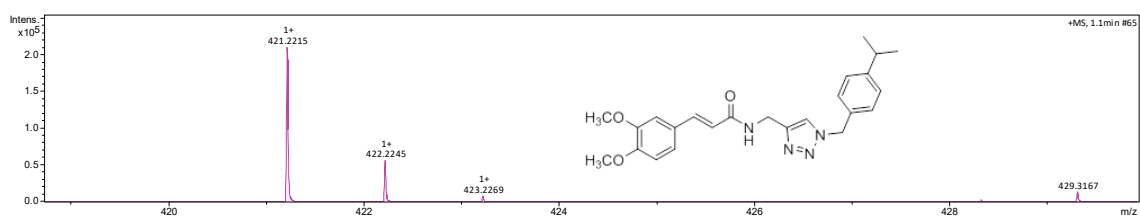


Figure S52 - HRMS spectrum of **17**.

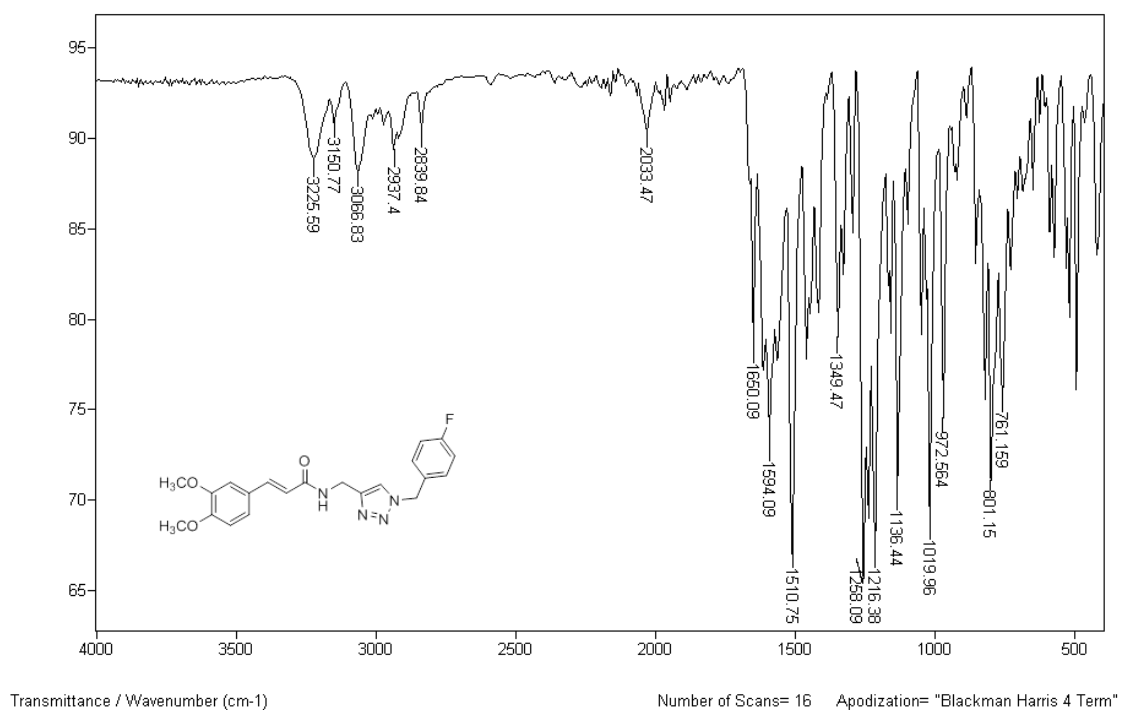


Figure S53 - IR spectrum (ATR) of 18.

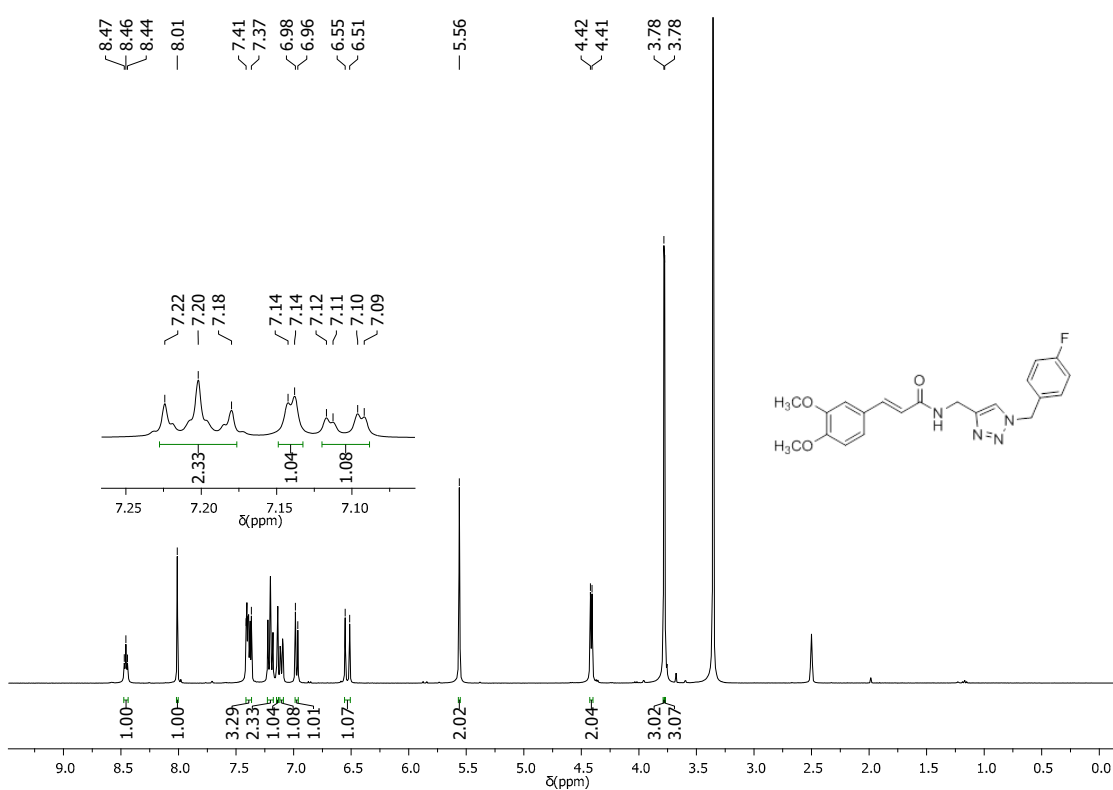


Figure S54 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of 18.

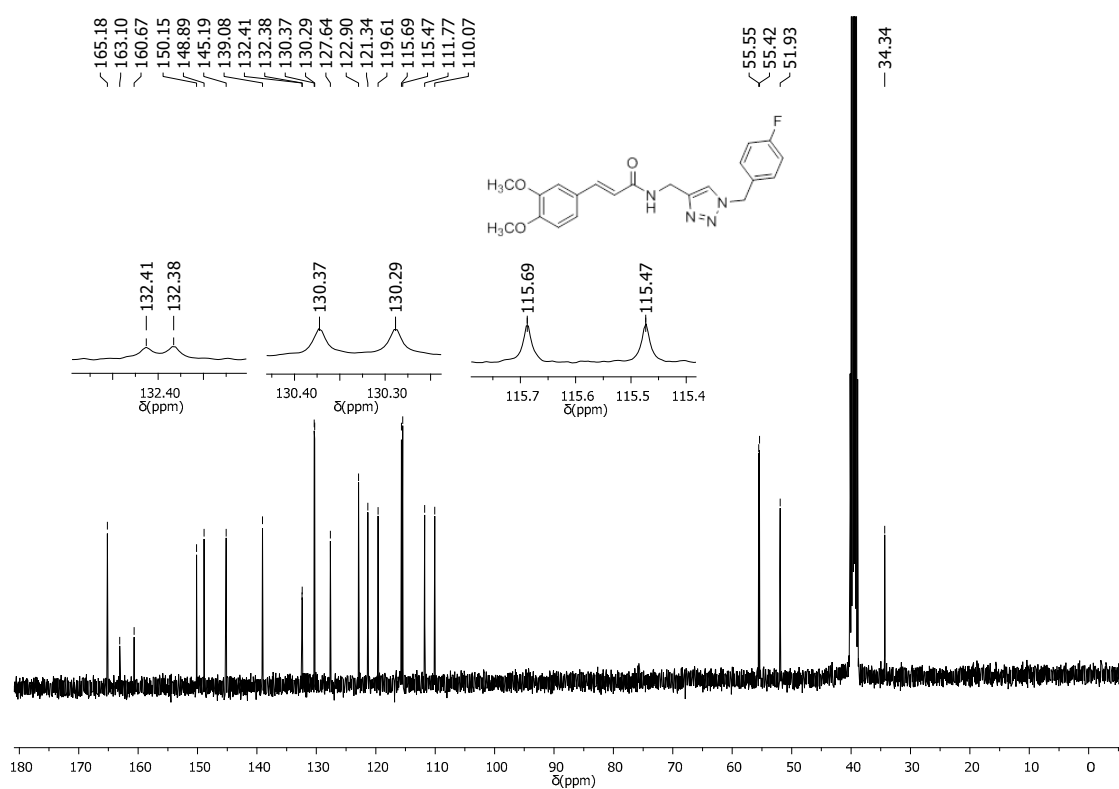


Figure S55 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **18**.

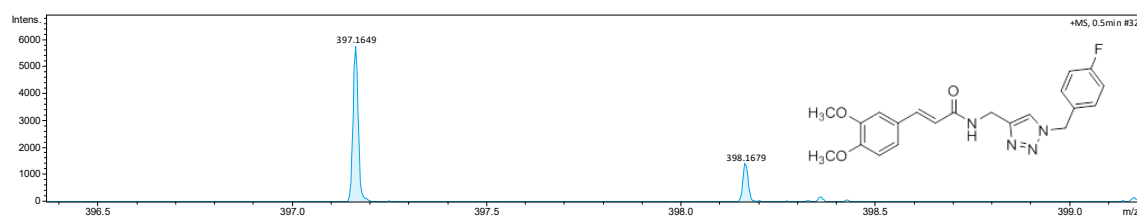


Figure S56 - HRMS spectrum of **18**.

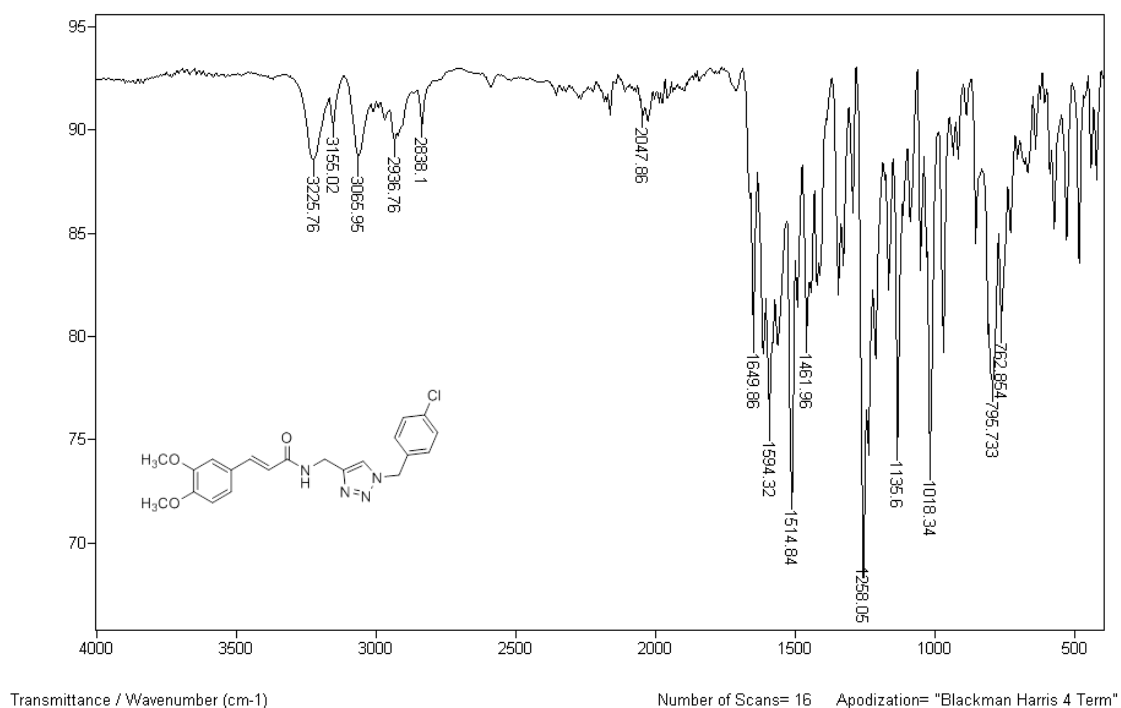


Figure S57 - IR spectrum (ATR) of **19**.

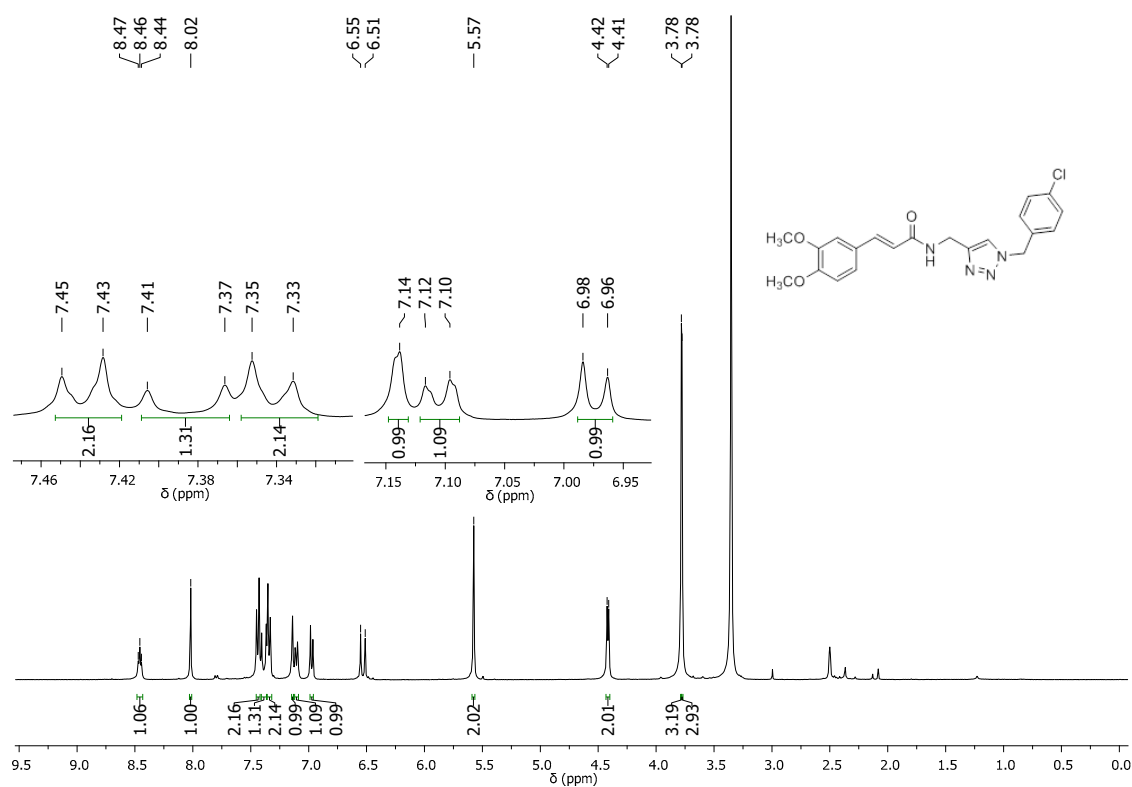


Figure S58 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **19**.

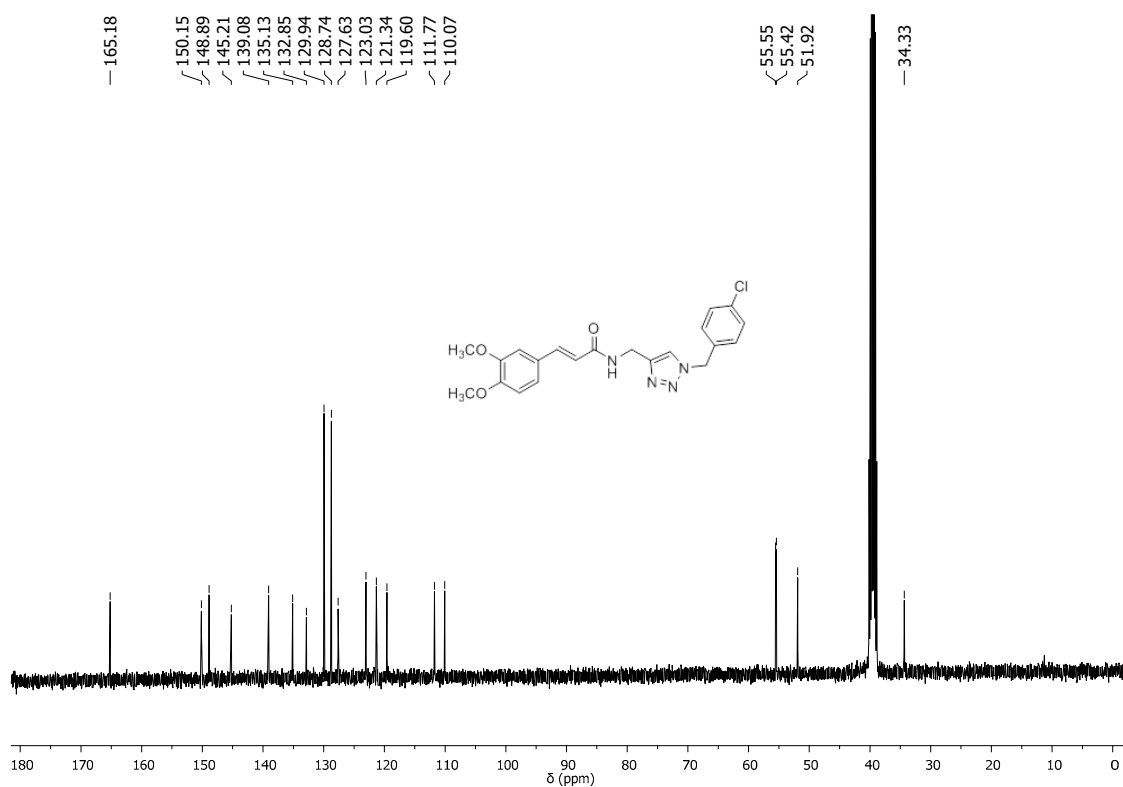


Figure S59 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **19**.

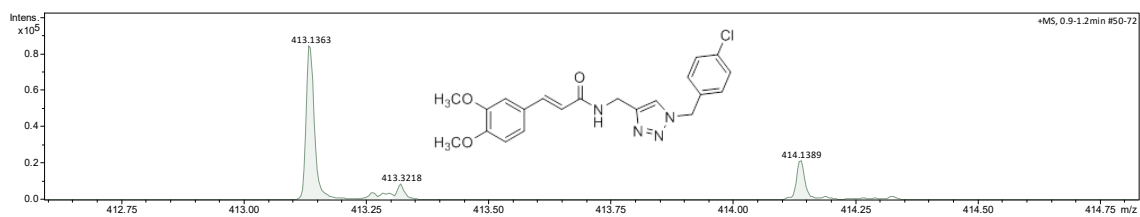


Figure S60 - HRMS spectrum of **19**.

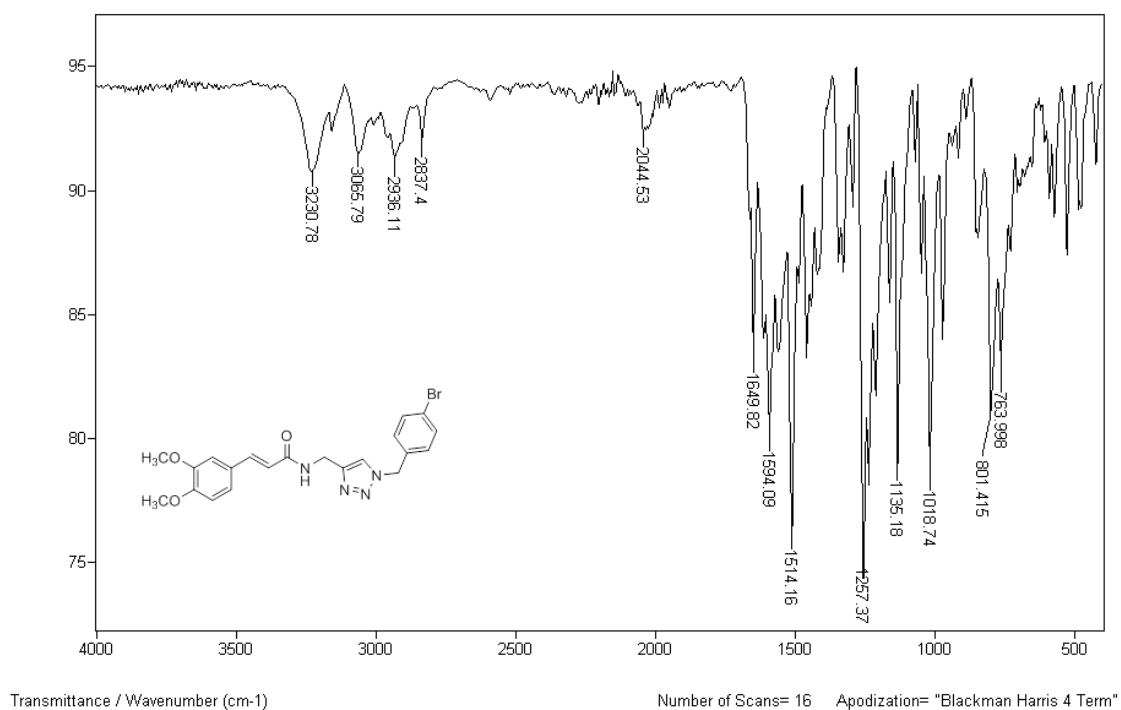


Figure S61 - IR spectrum (ATR) of **20**.

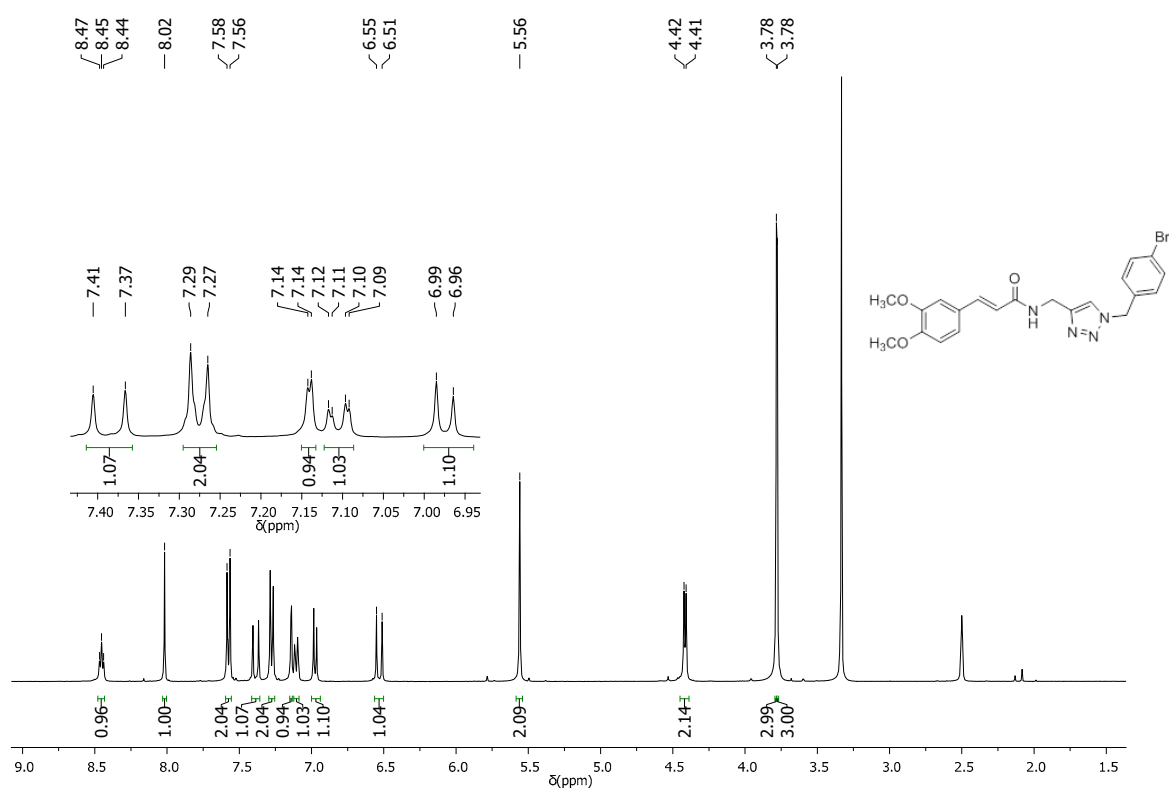


Figure S62 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **20**.

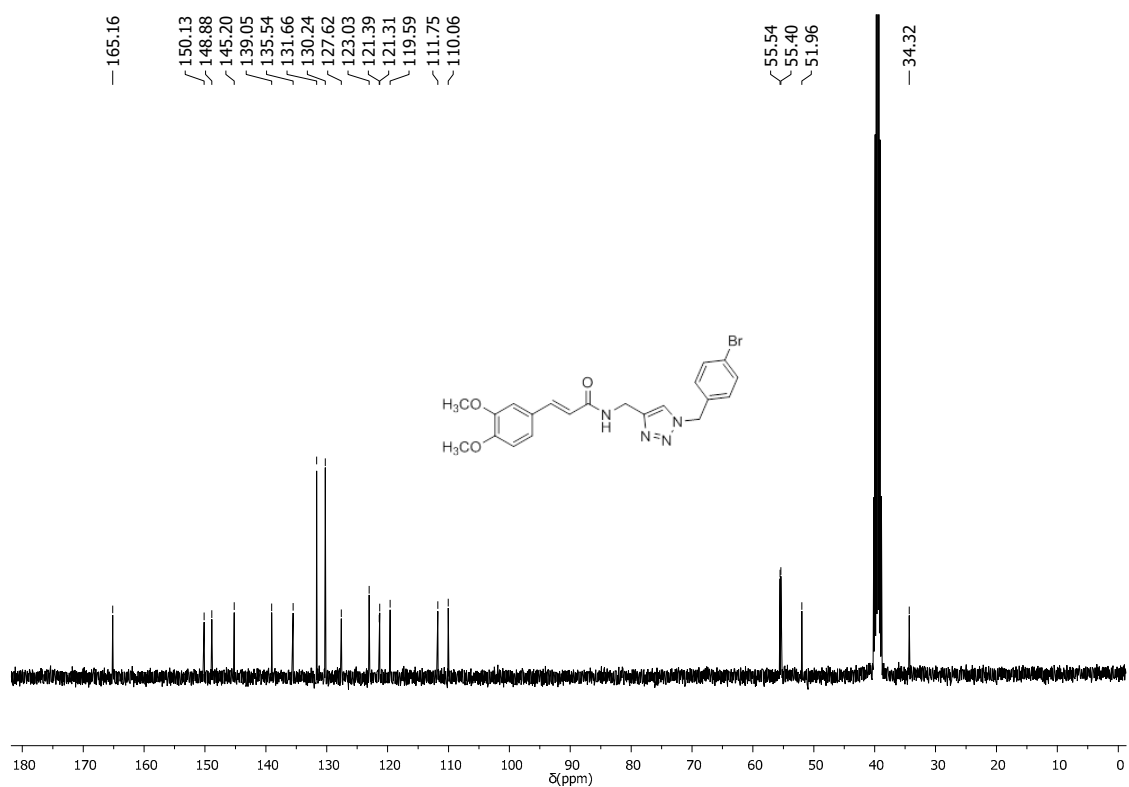


Figure S63 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **20**.

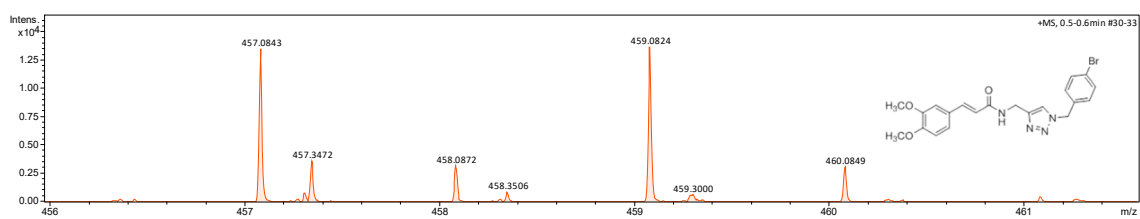


Figure S64 - HRMS spectrum of **20**.

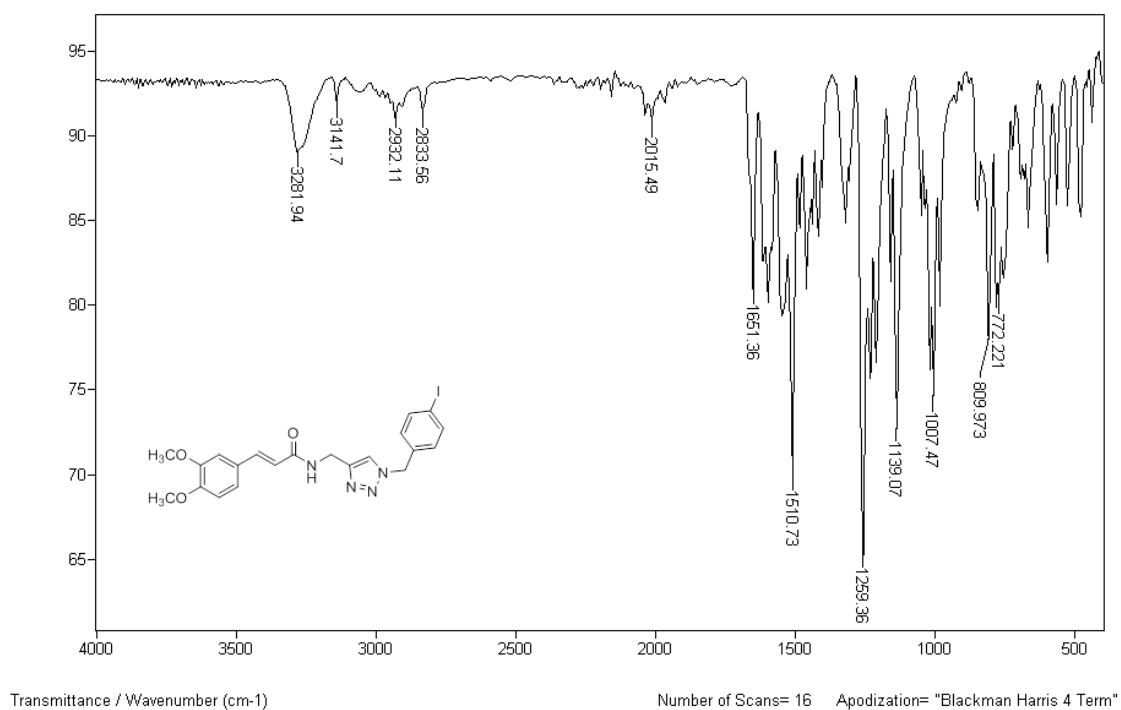


Figure S65 - IR spectrum (ATR) of **21**.

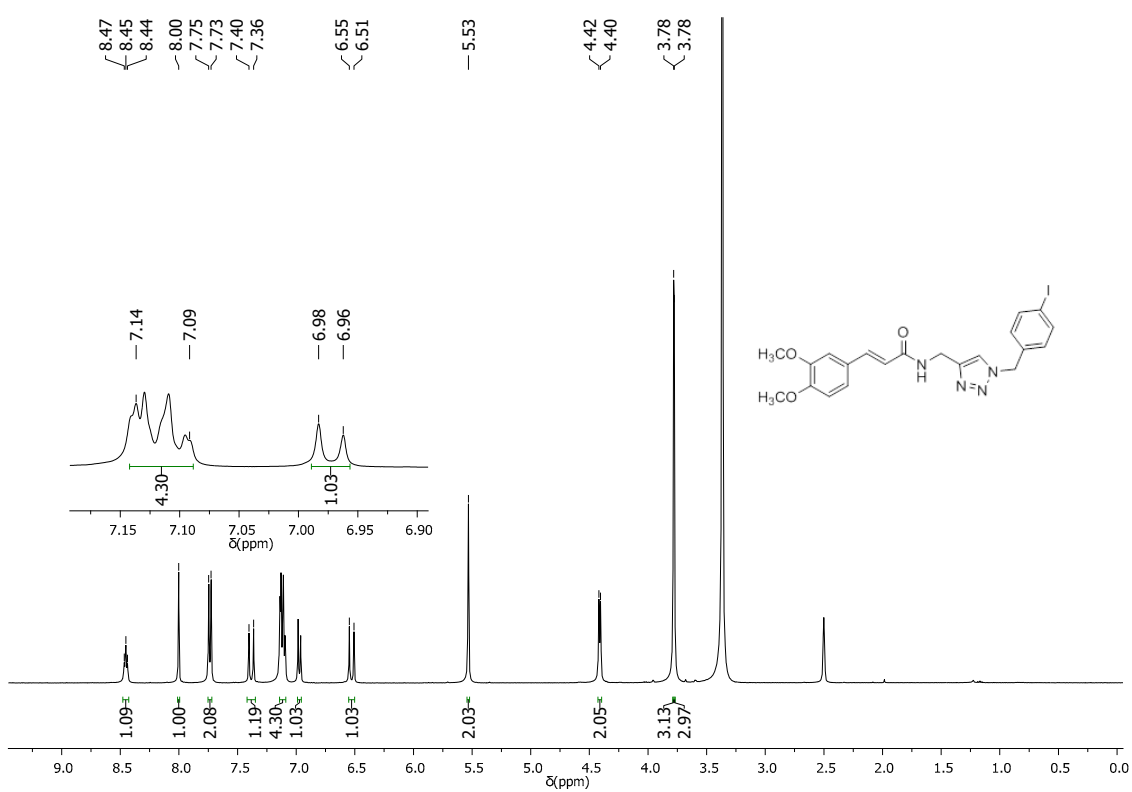


Figure S66 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **21**.

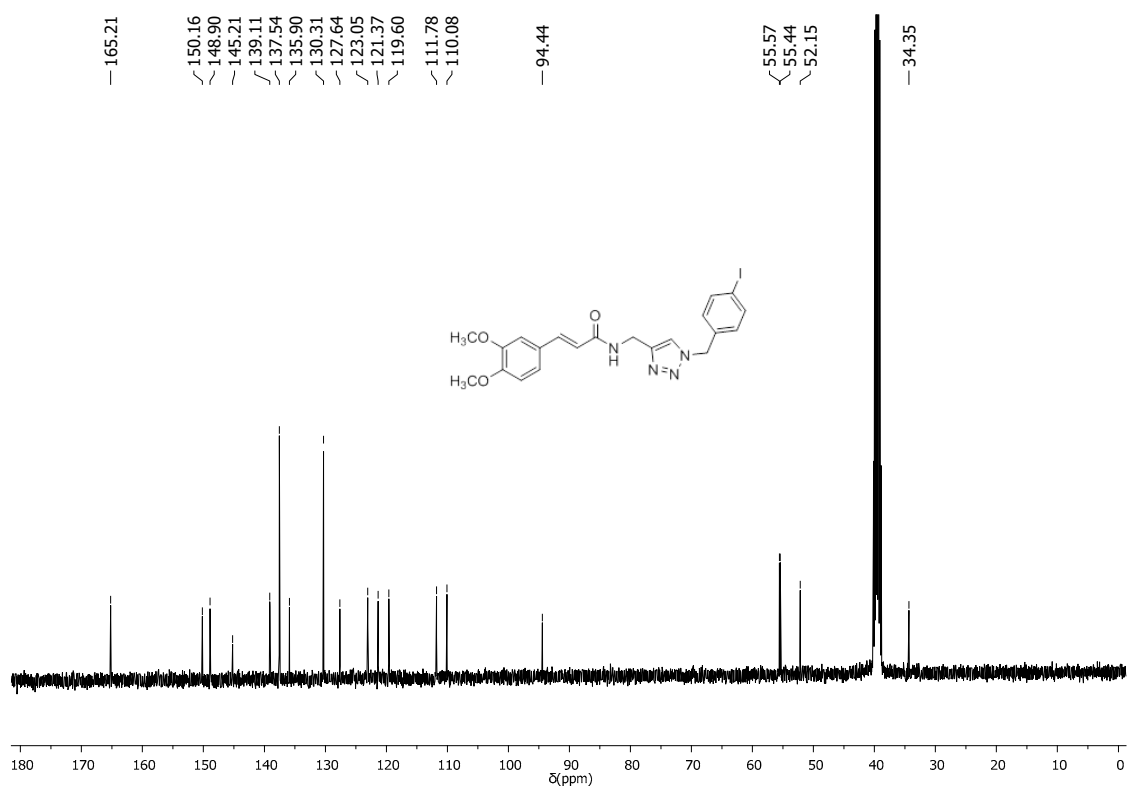


Figure S67 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **21**.

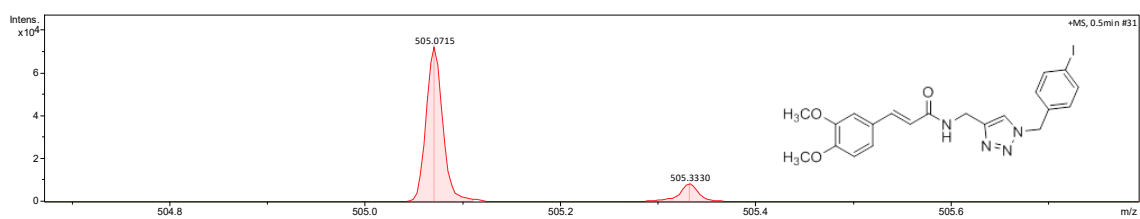


Figure S68 - HRMS spectrum of **21**.

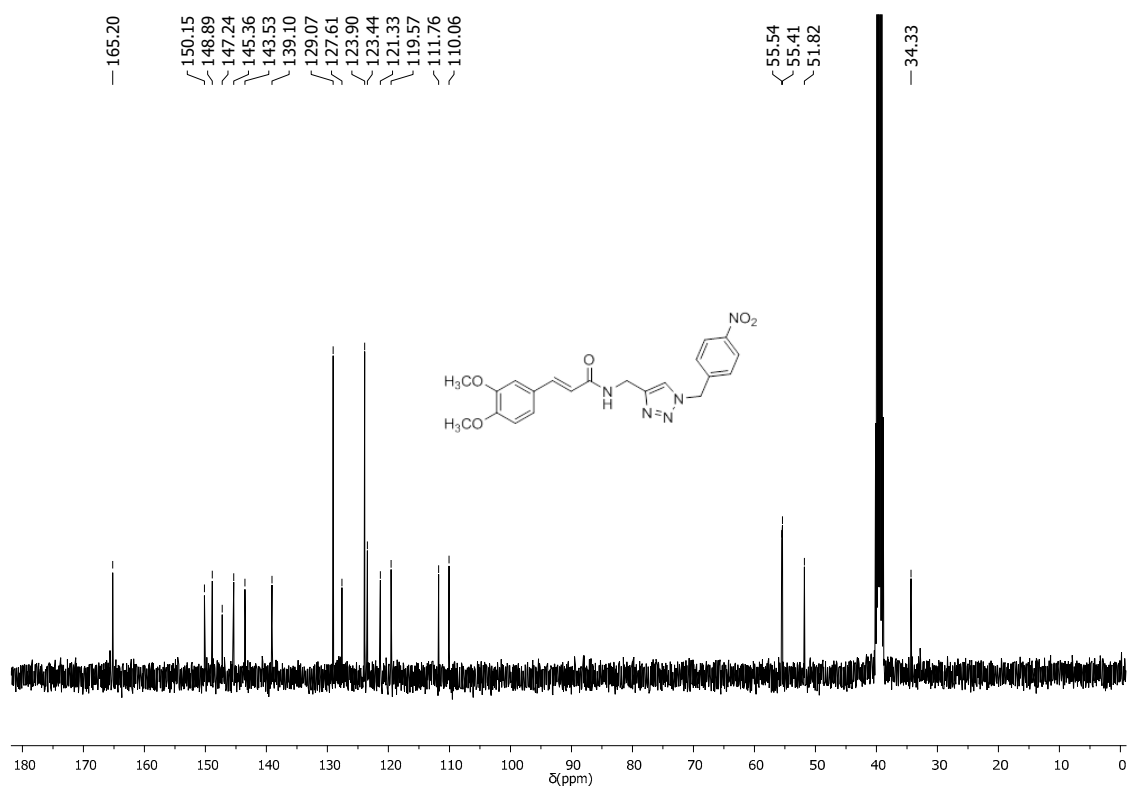


Figure S71 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **22**.

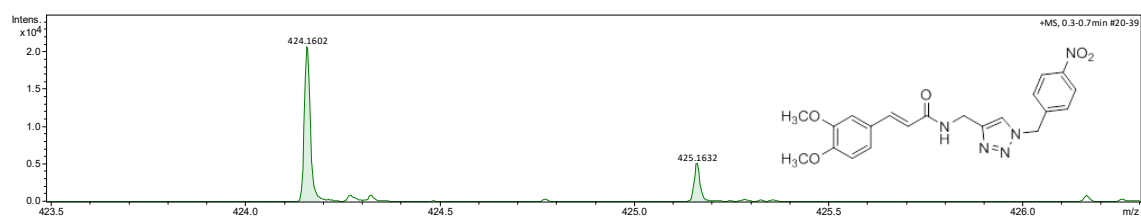


Figure S72 - HRMS spectrum of **22**.

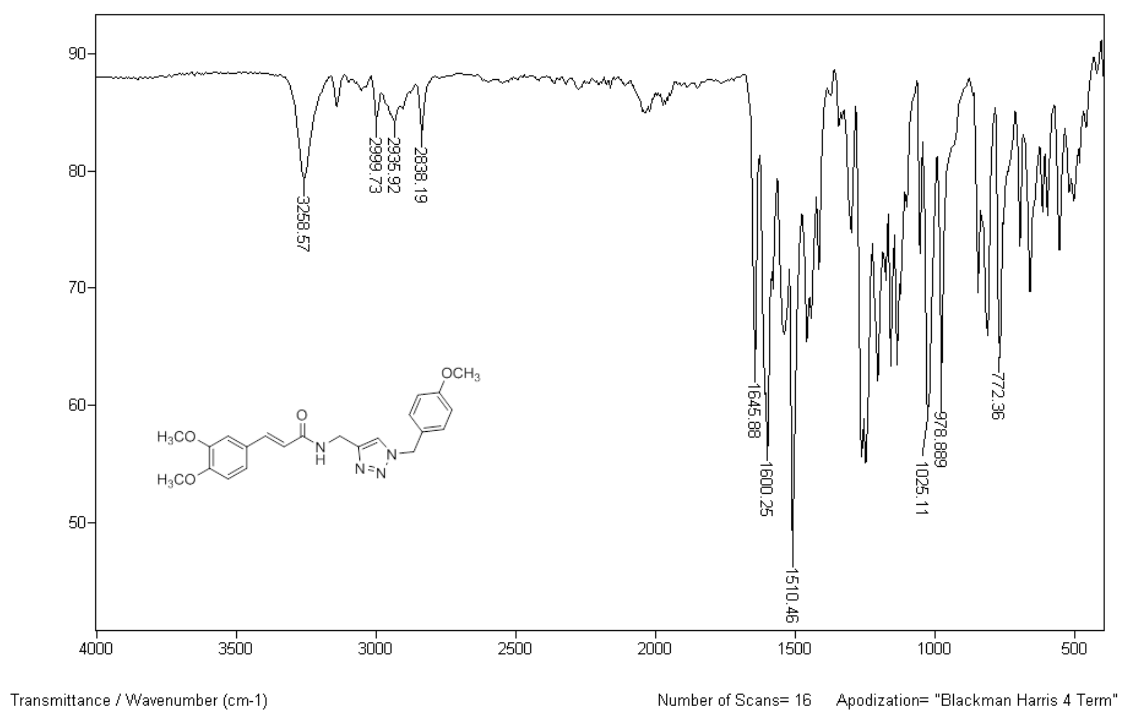


Figure S73 - IR spectrum (ATR) of **23**.

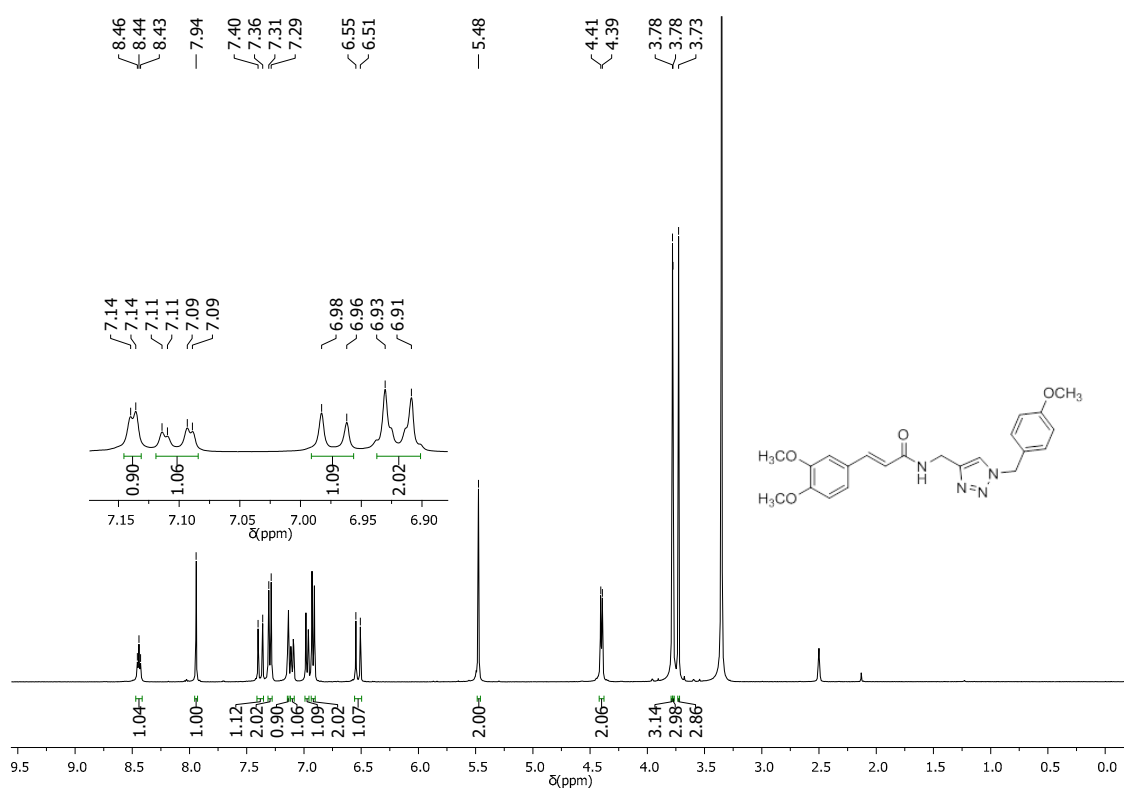


Figure S74 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **23**.

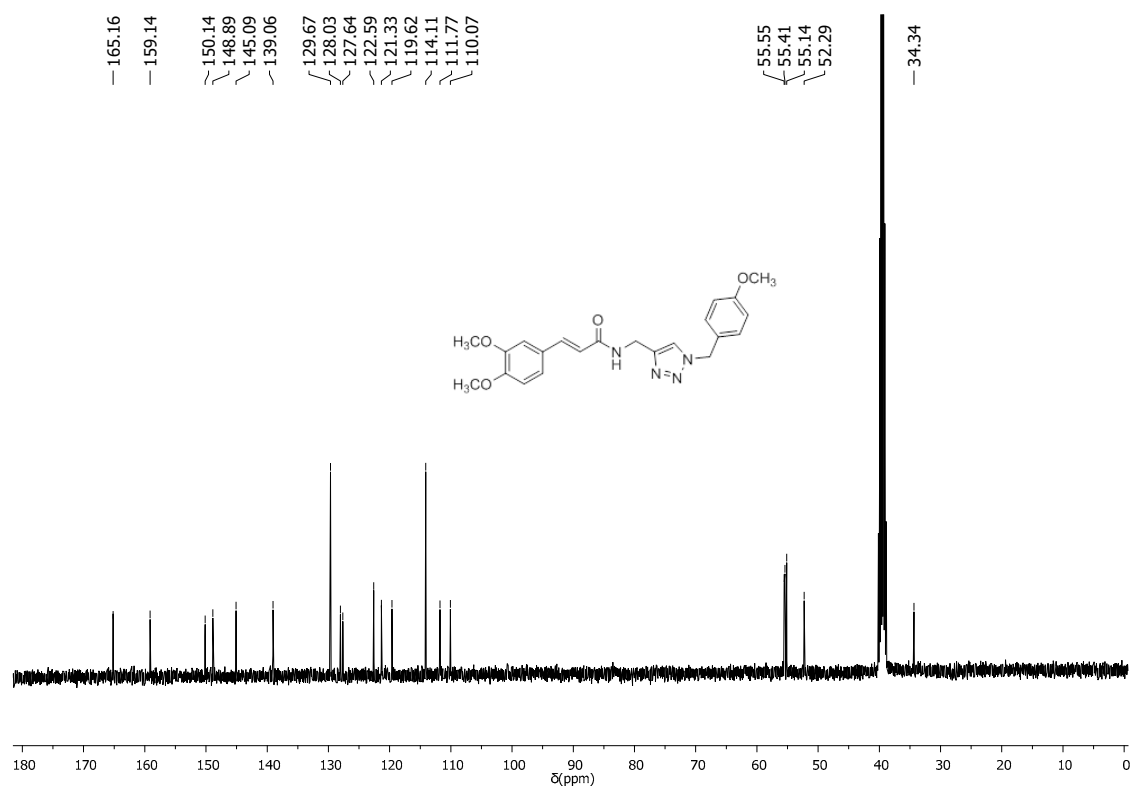


Figure S75 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **23**.

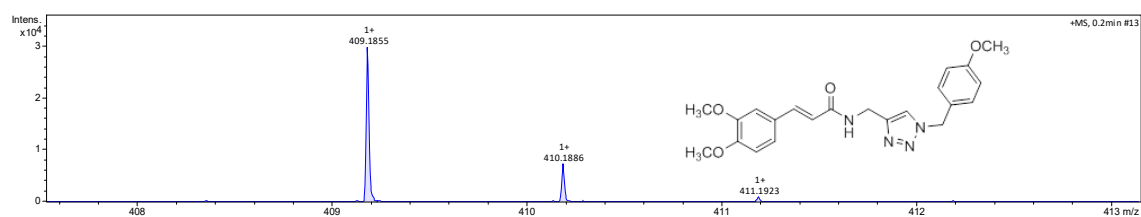


Figure S76 - HRMS spectrum of **23**.

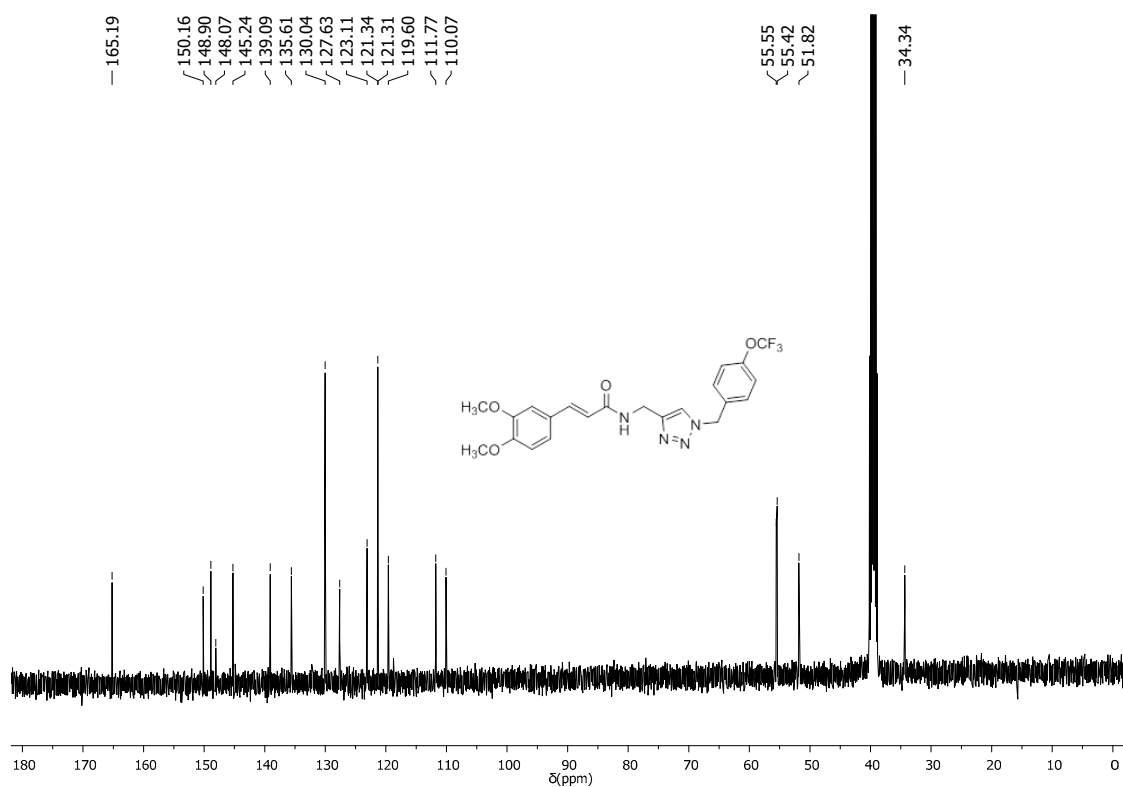


Figure S79 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **24**.

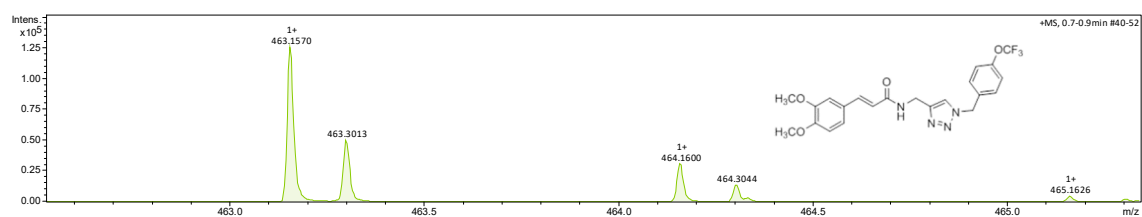


Figure S80 - HRMS spectrum of **24**.

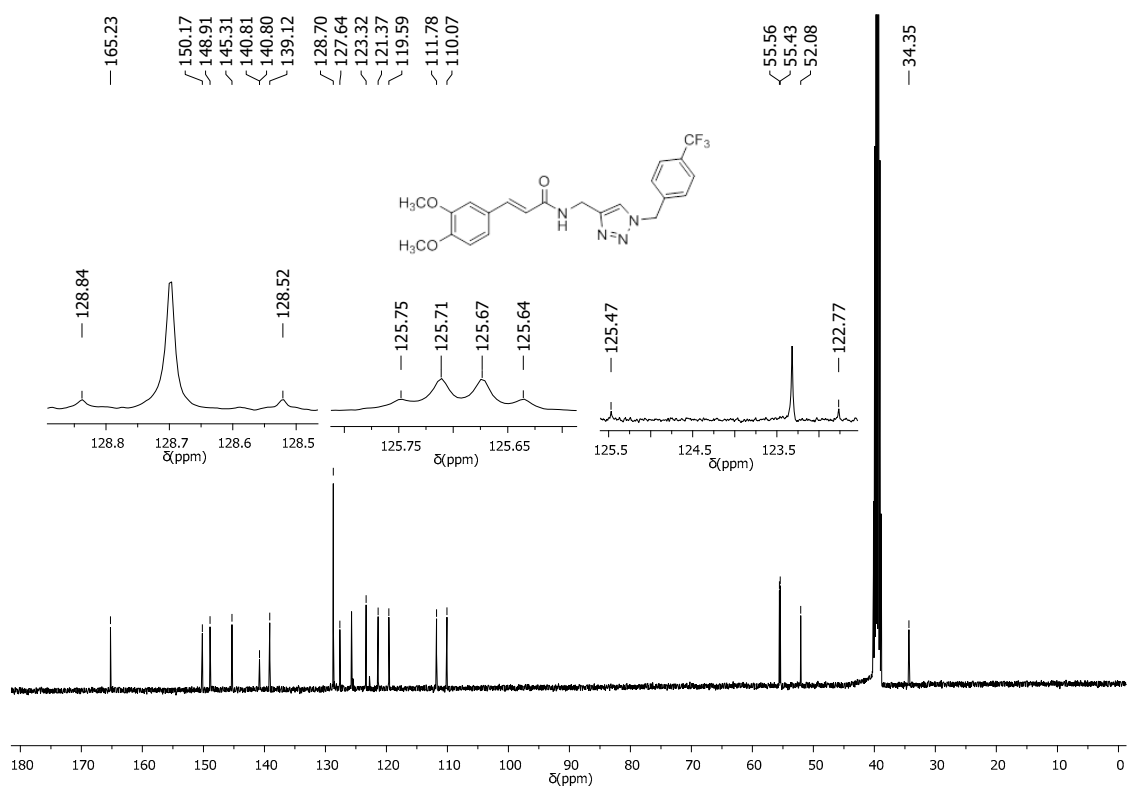


Figure S83 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **25**.

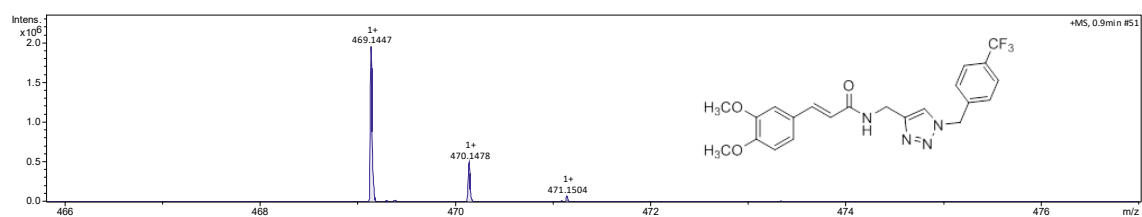


Figure S84 - HRMS spectrum of **25**.

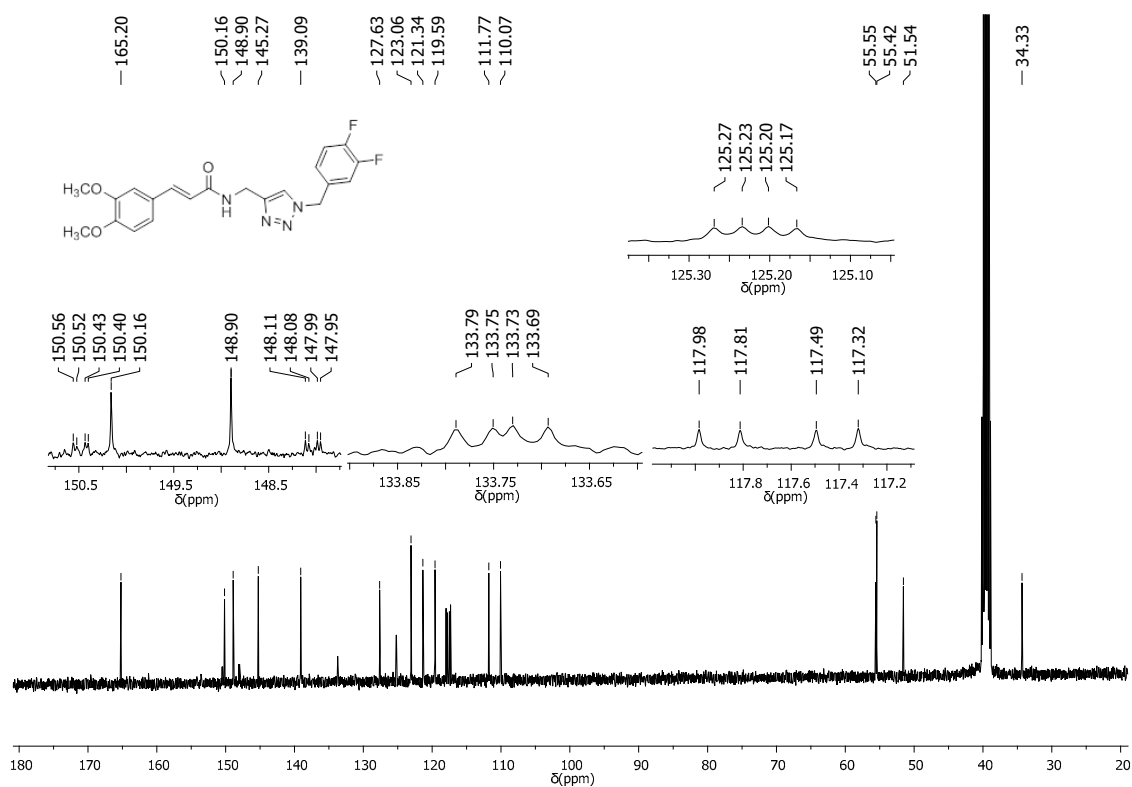


Figure S87 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of 26.

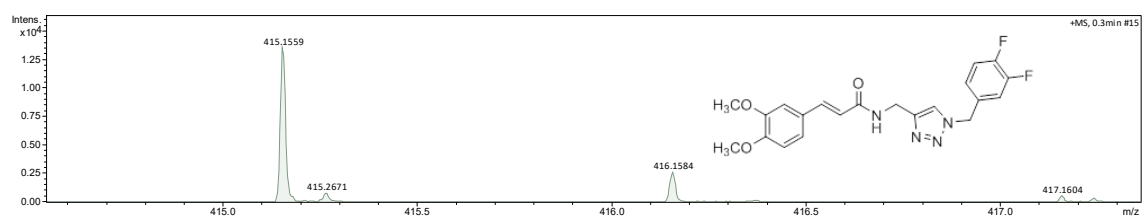


Figure S88 - HRMS spectrum of 26.

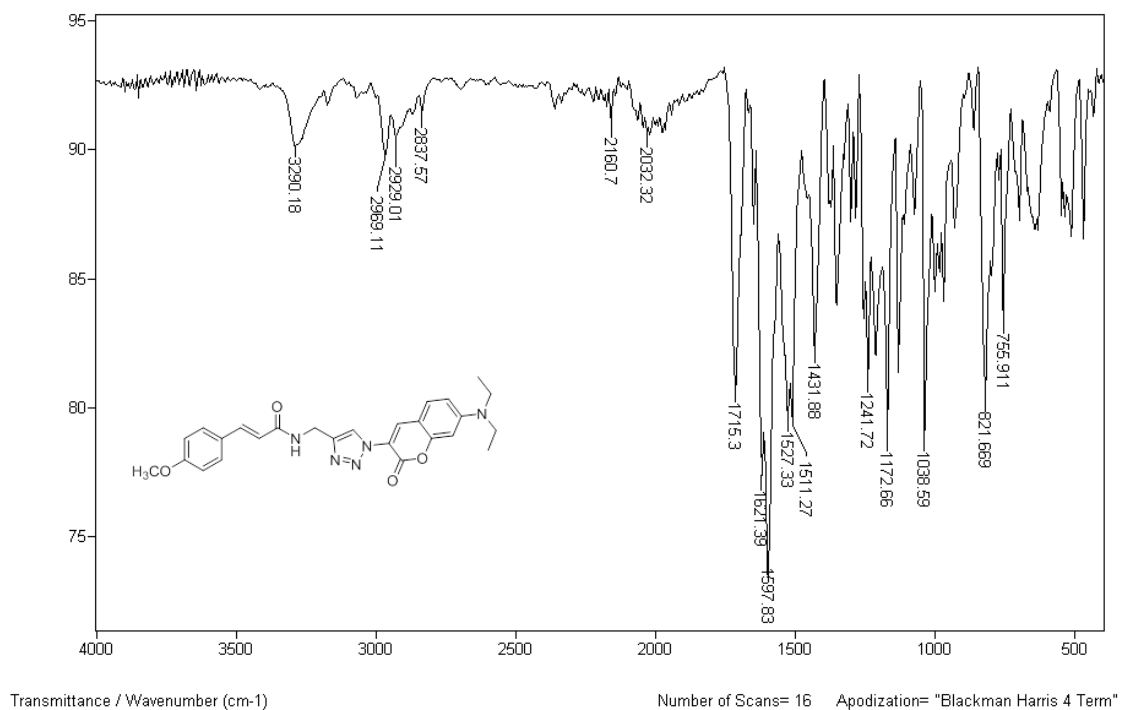


Figure S89 - IR spectrum (ATR) of **27**.

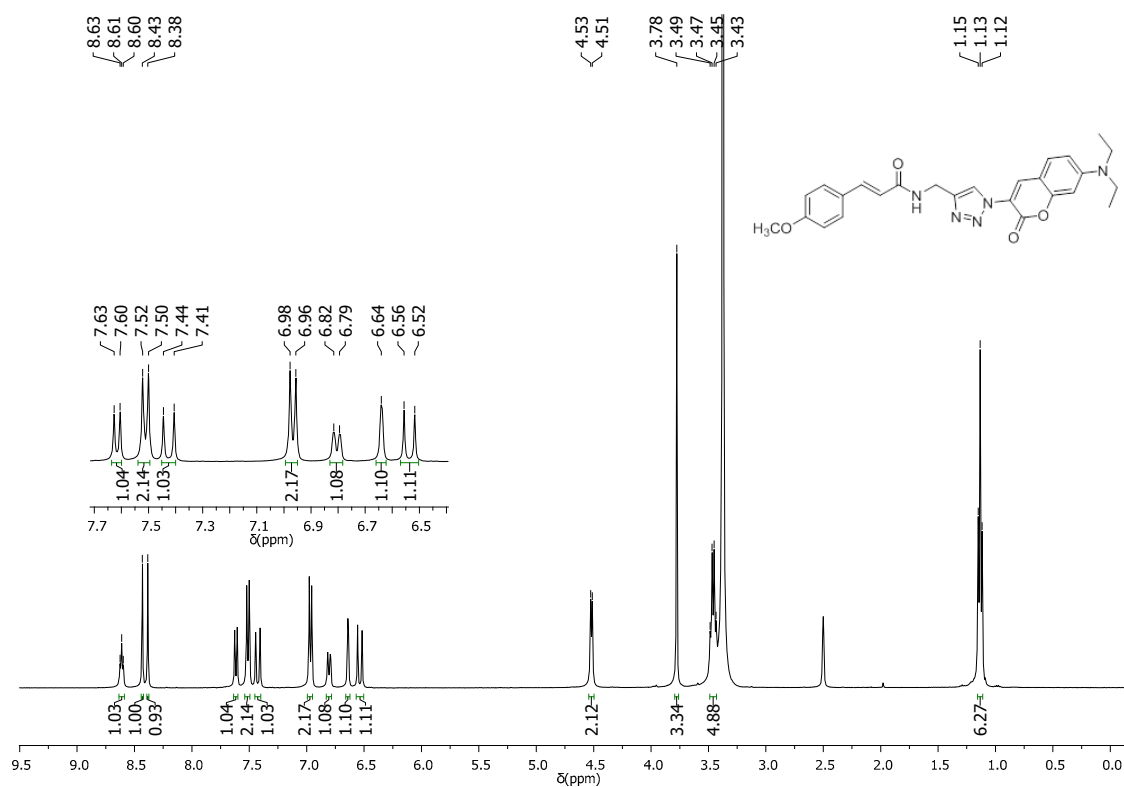


Figure S90 - ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of **27**.

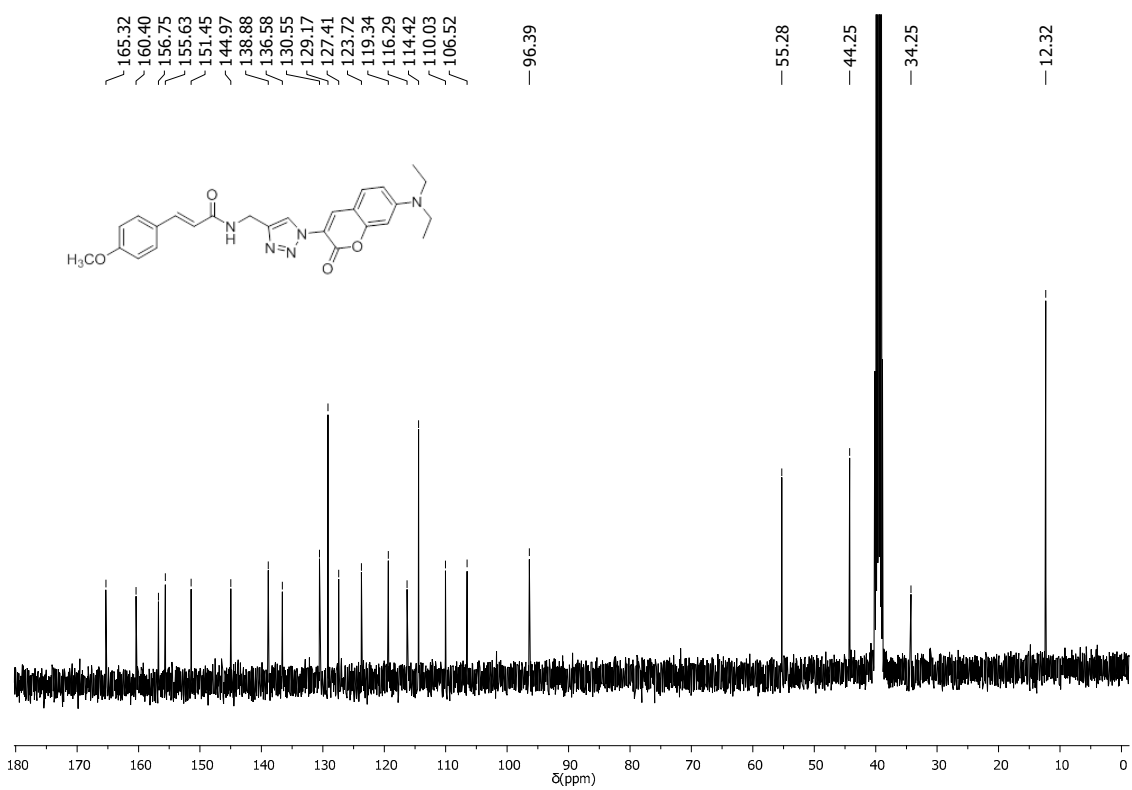


Figure S91 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of 27.

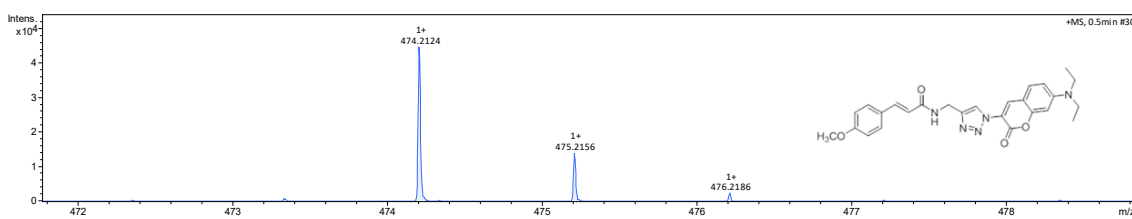


Figure S92 - HRMS spectrum of 27.

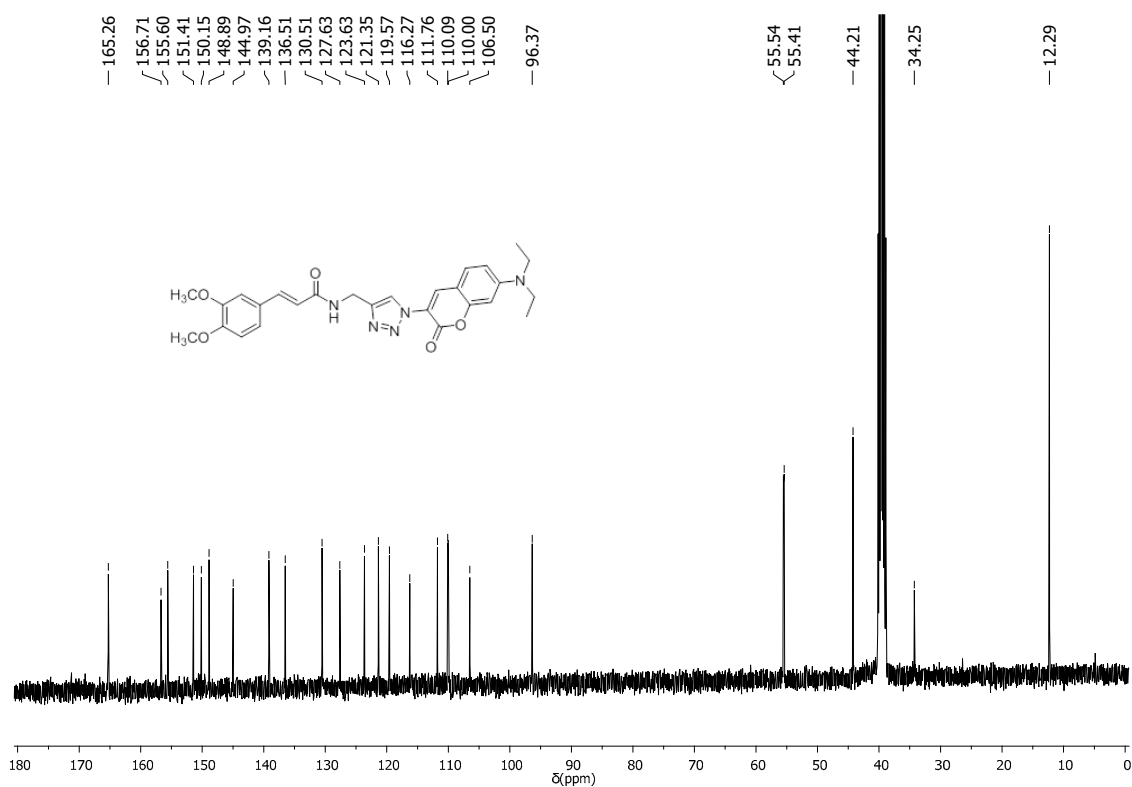


Figure S95 - ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of **28**.

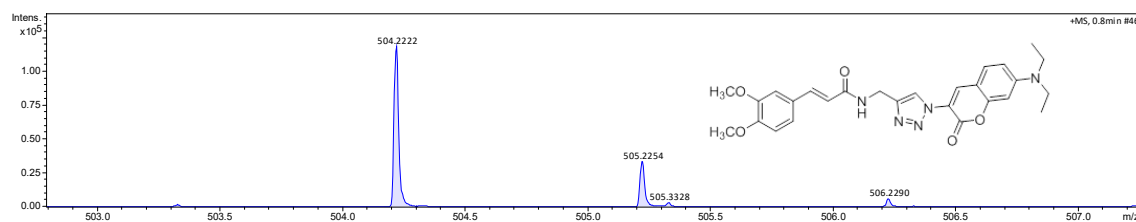


Figure S96 - HRMS spectrum of **28**.