

Supporting Information

Glucosamine Modified Near-infrared Cyanine as a Sensitive Colorimetric Fluorescent Chemosensor for Aspartic and Glutamic Acid and its Application

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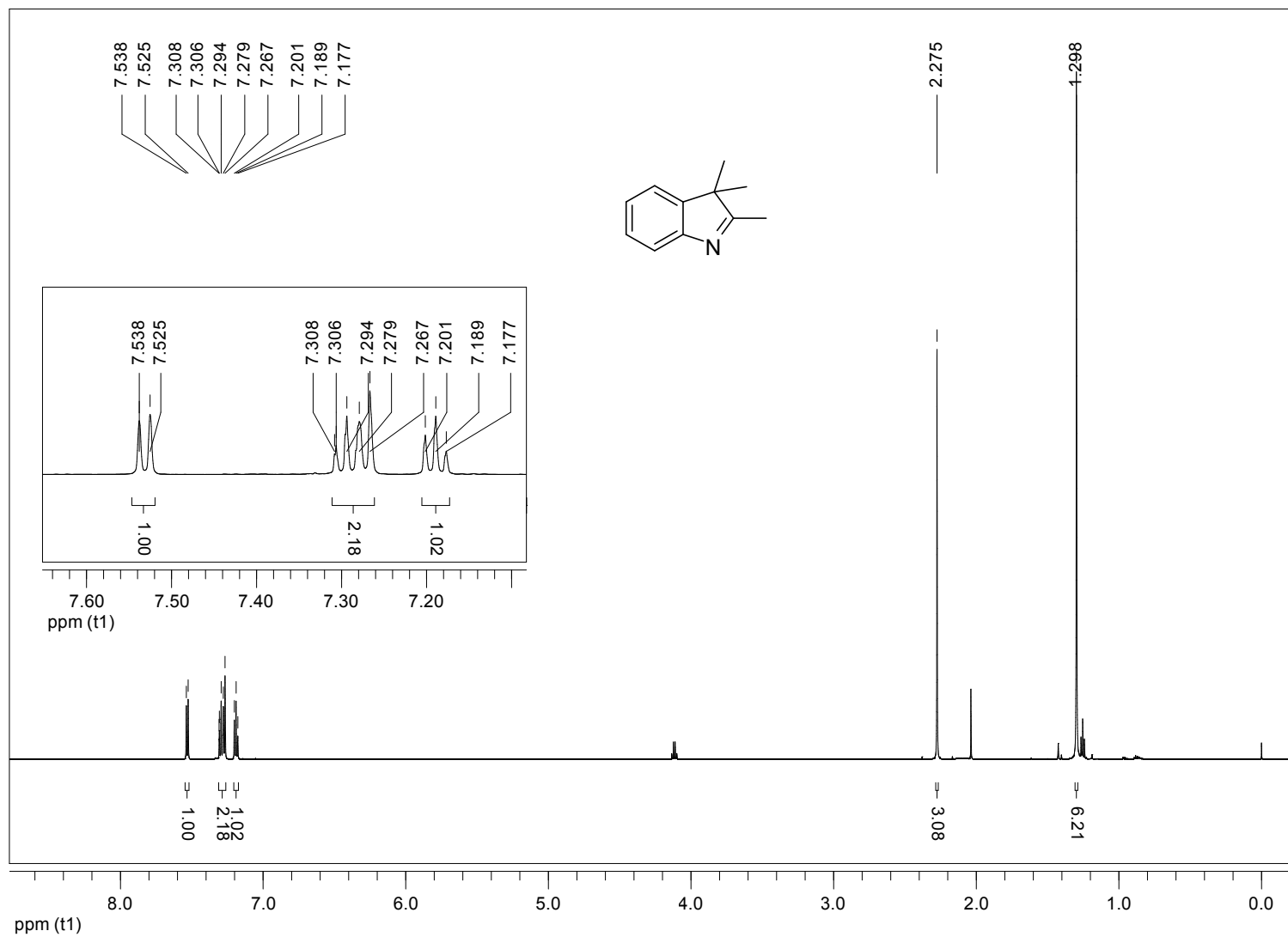


Fig.S1 ¹H NMR (600 MHz, CDCl₃) spectrum of compound 1.

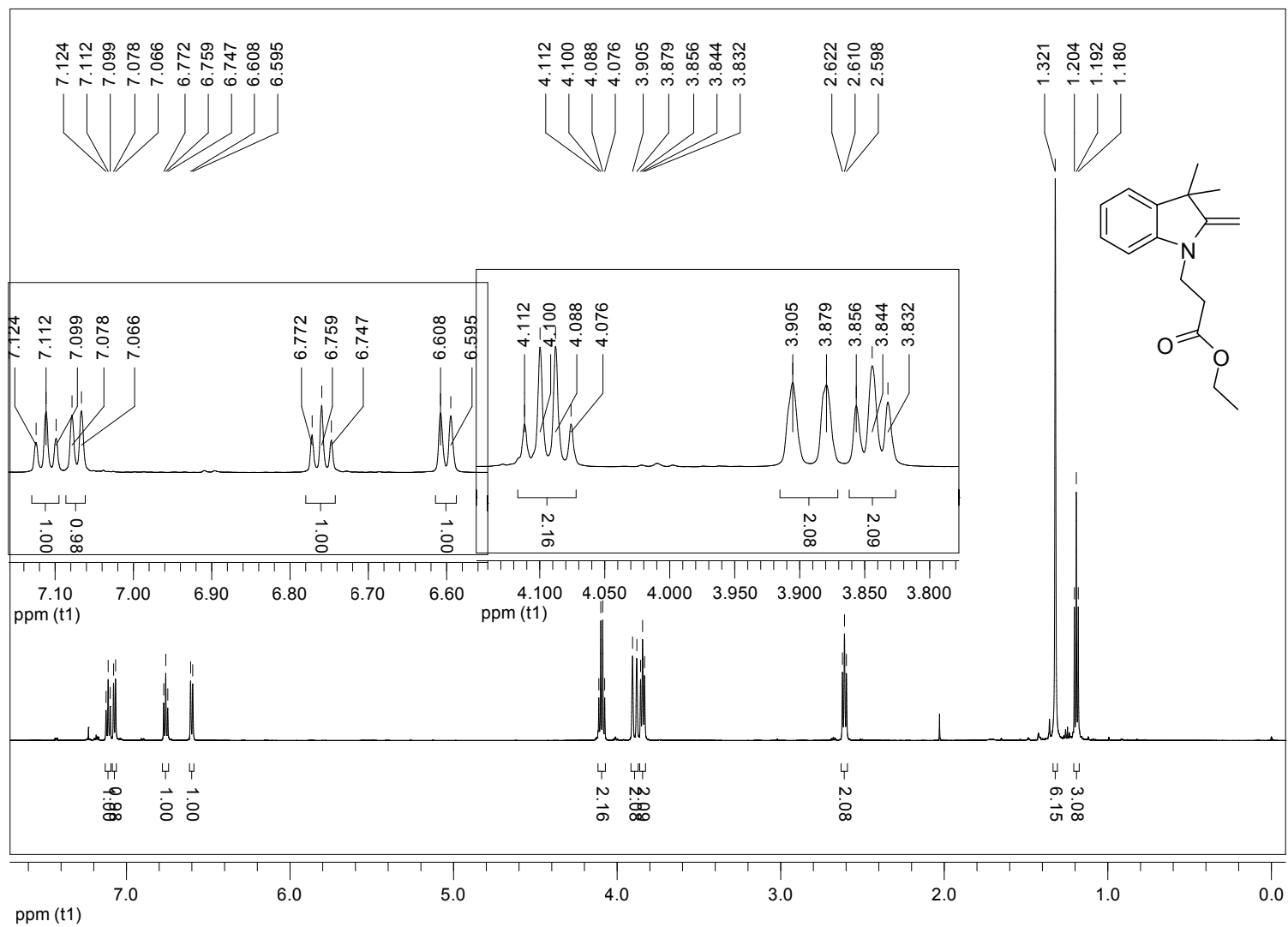


Fig.S2 ¹H NMR (600 MHz, CDCl₃) spectrum of compound 2.

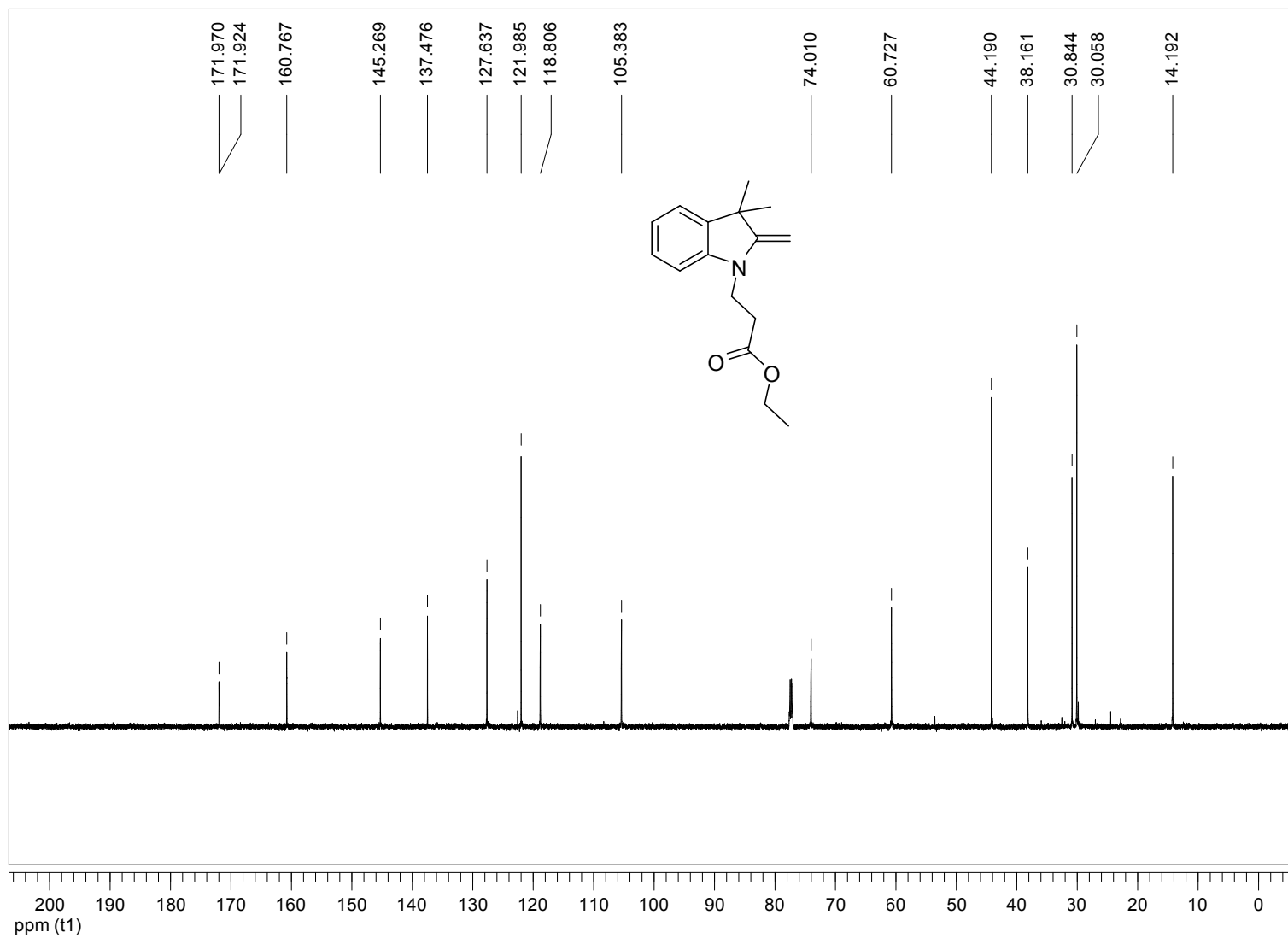


Fig.S3 ¹³C NMR (150 MHz, CDCl₃) spectrum of compound 2.

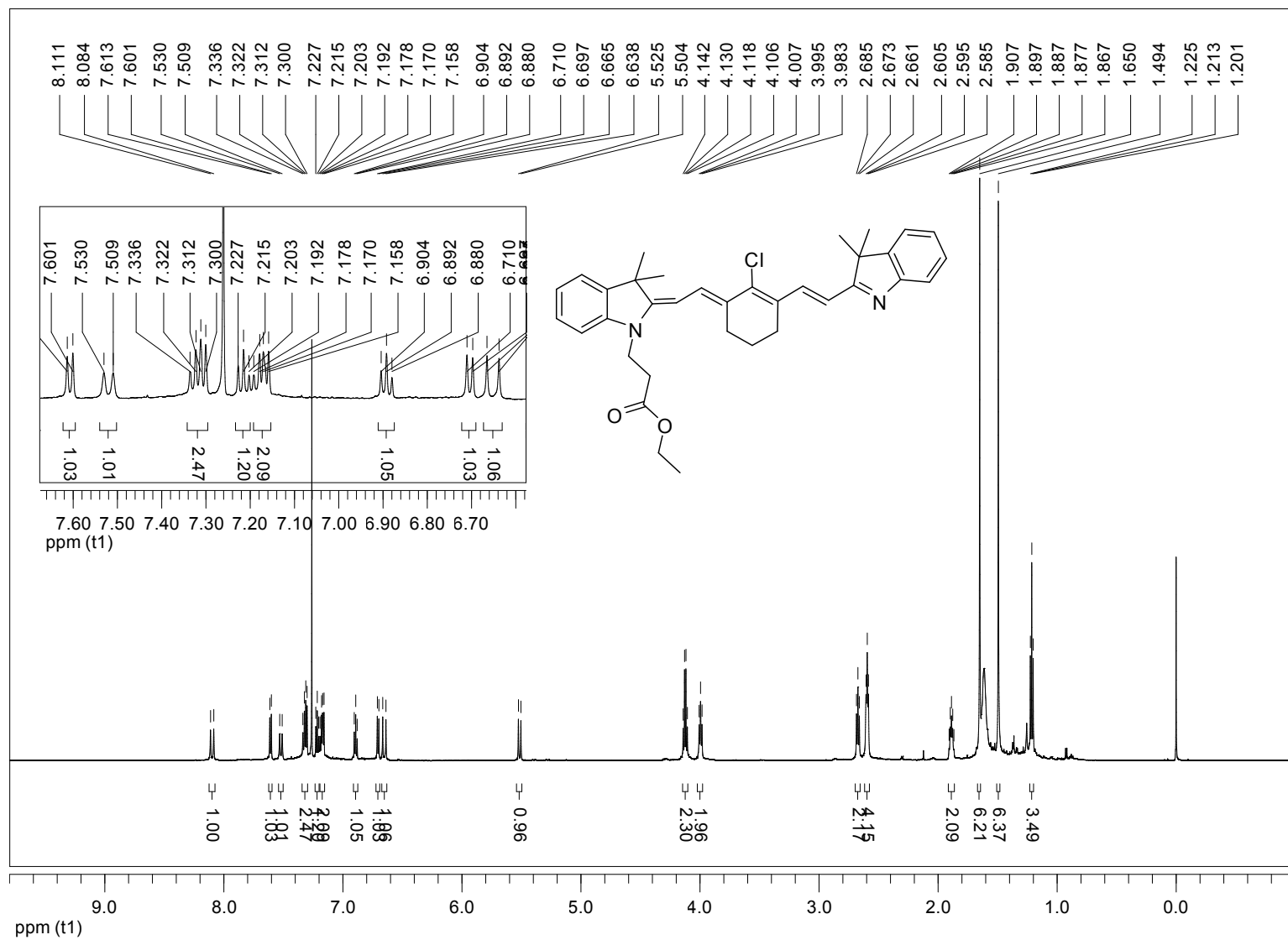


Fig.S4 ¹H NMR (600 MHz, CDCl₃) spectrum of compound 4.

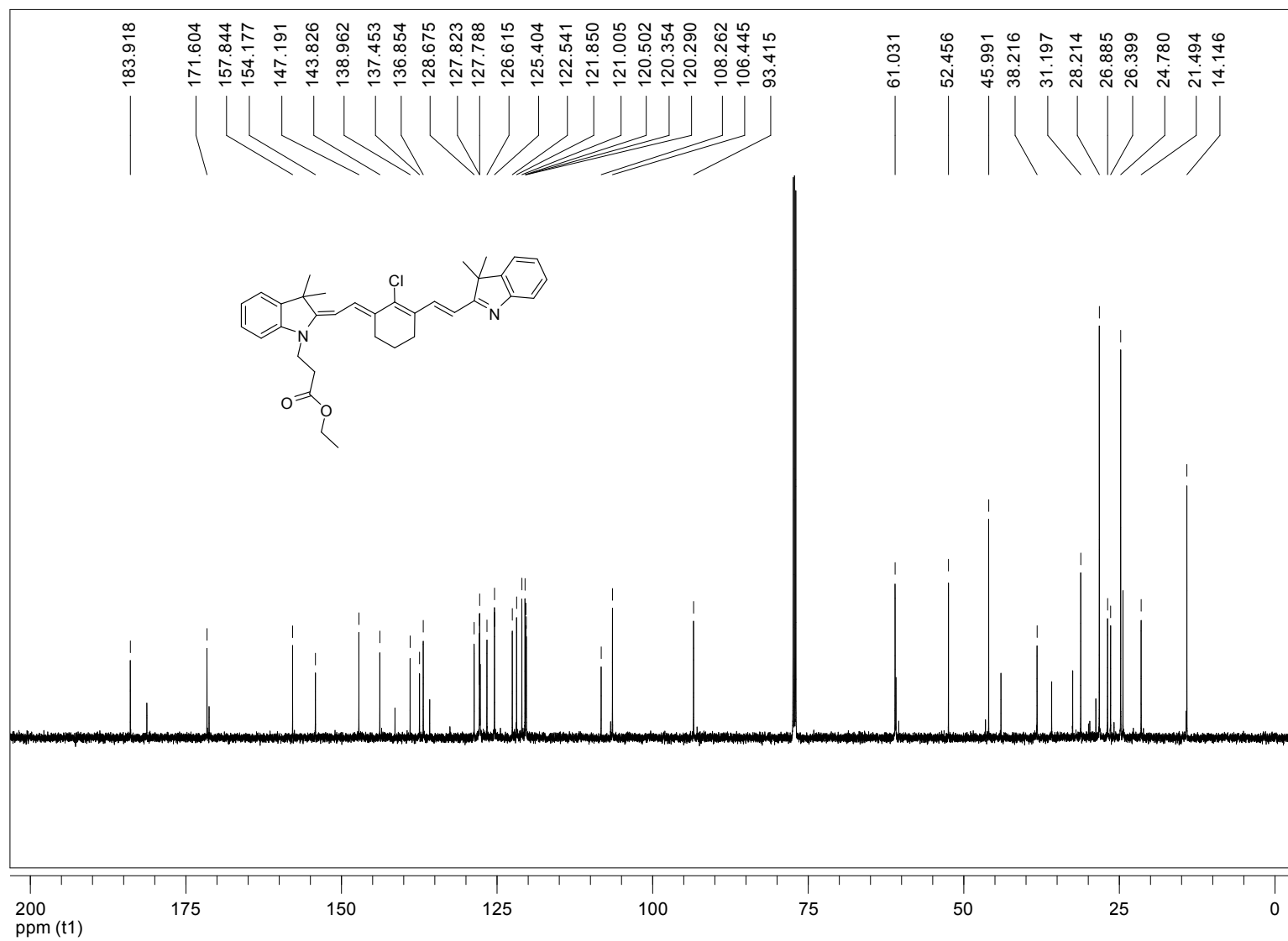


Fig.S5 ¹³C NMR (150 MHz, CDCl₃) spectrum of compound 4.

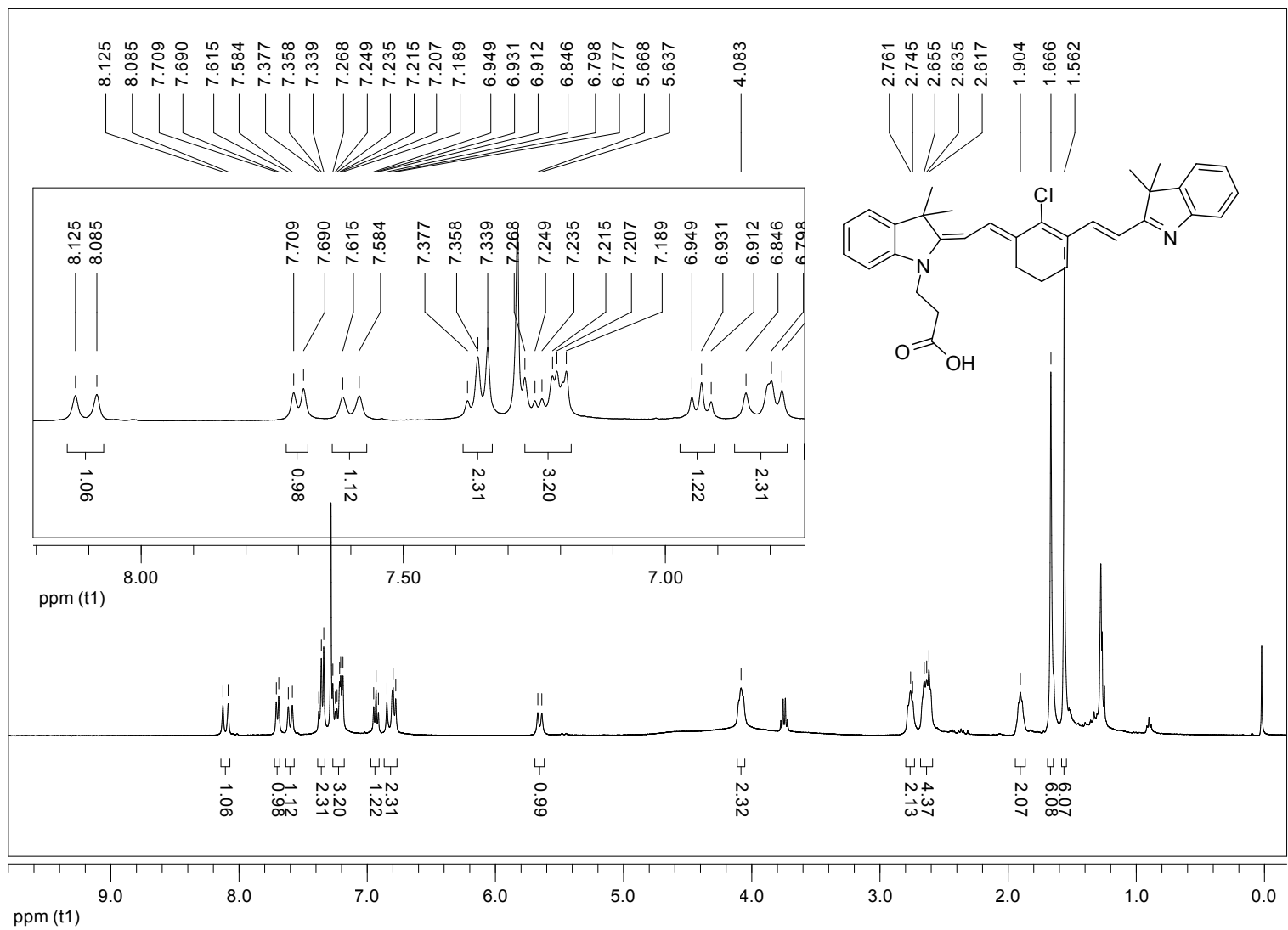


Fig.S6 ¹H NMR (600MHz, MeOD) spectrum of compound 5.

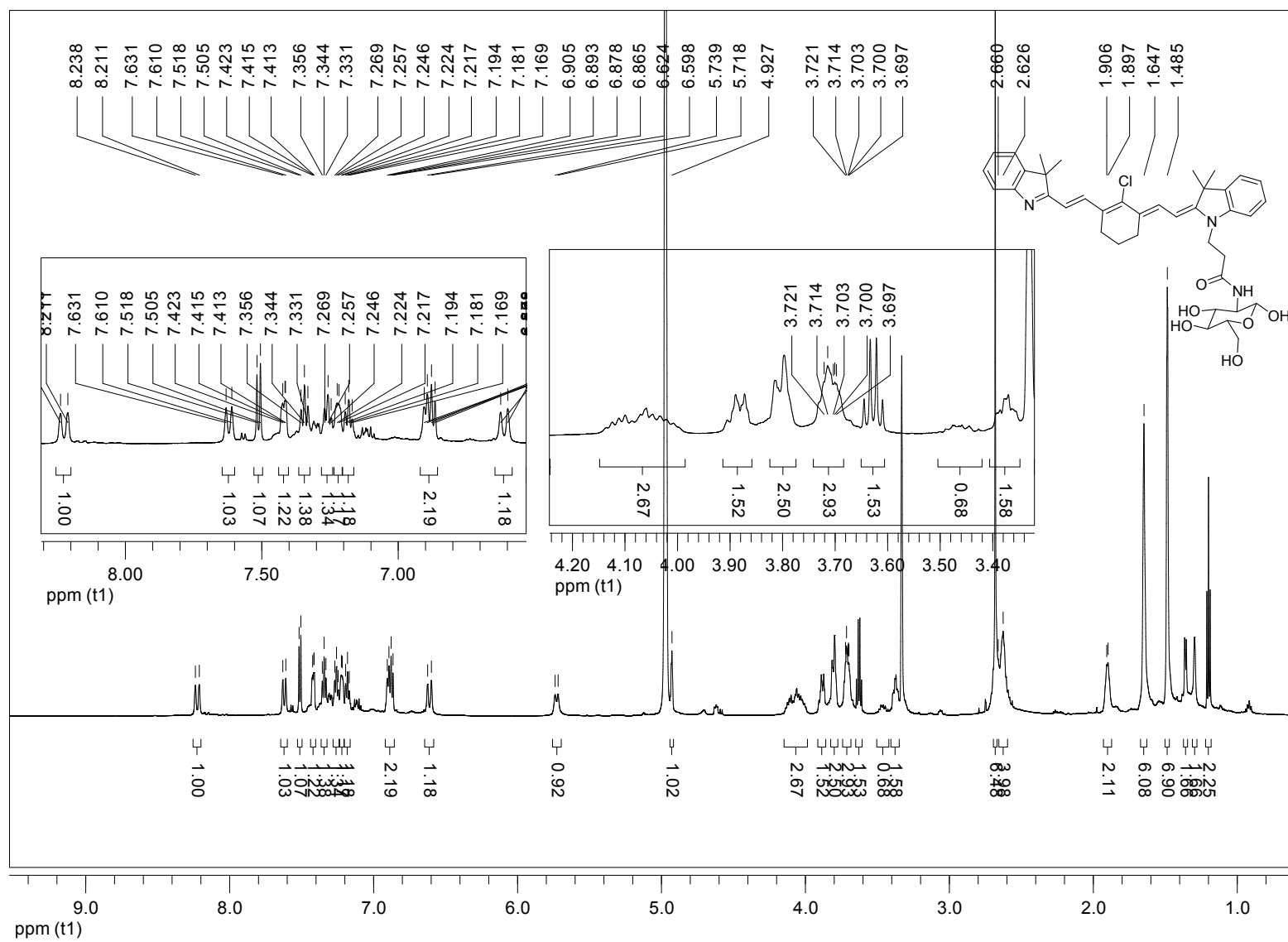


Fig.S7 ¹H NMR (600MHz, DMSO-*d*₆) spectrum of compound TM.

ZX-3-S-6 #1 RT: 0.01 AV: 1 NL: 6.64E8
T: + c ESI Full ms [100.00-350.00]

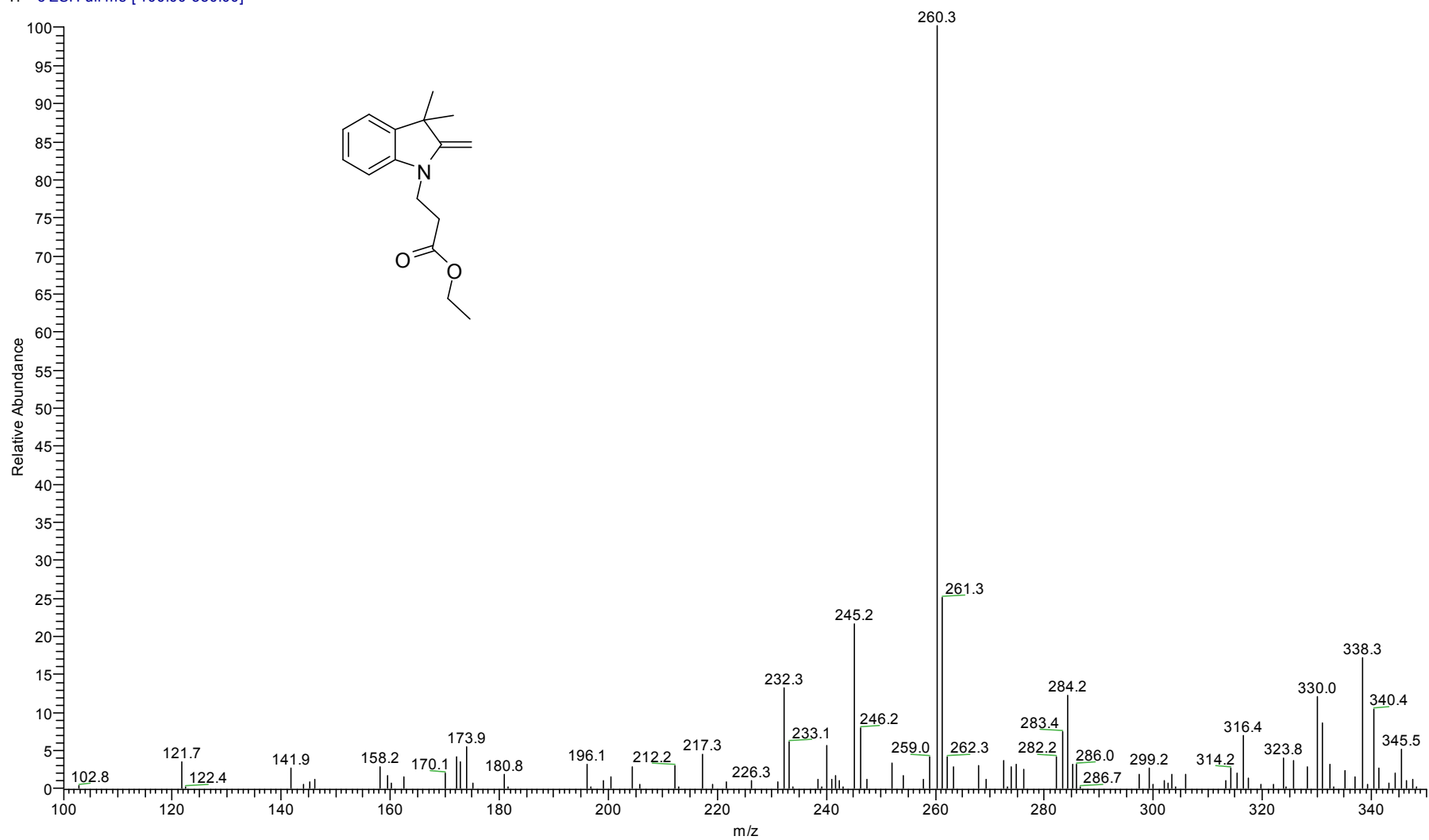


Fig.S8 ESI Mass spectrum of compound 2.

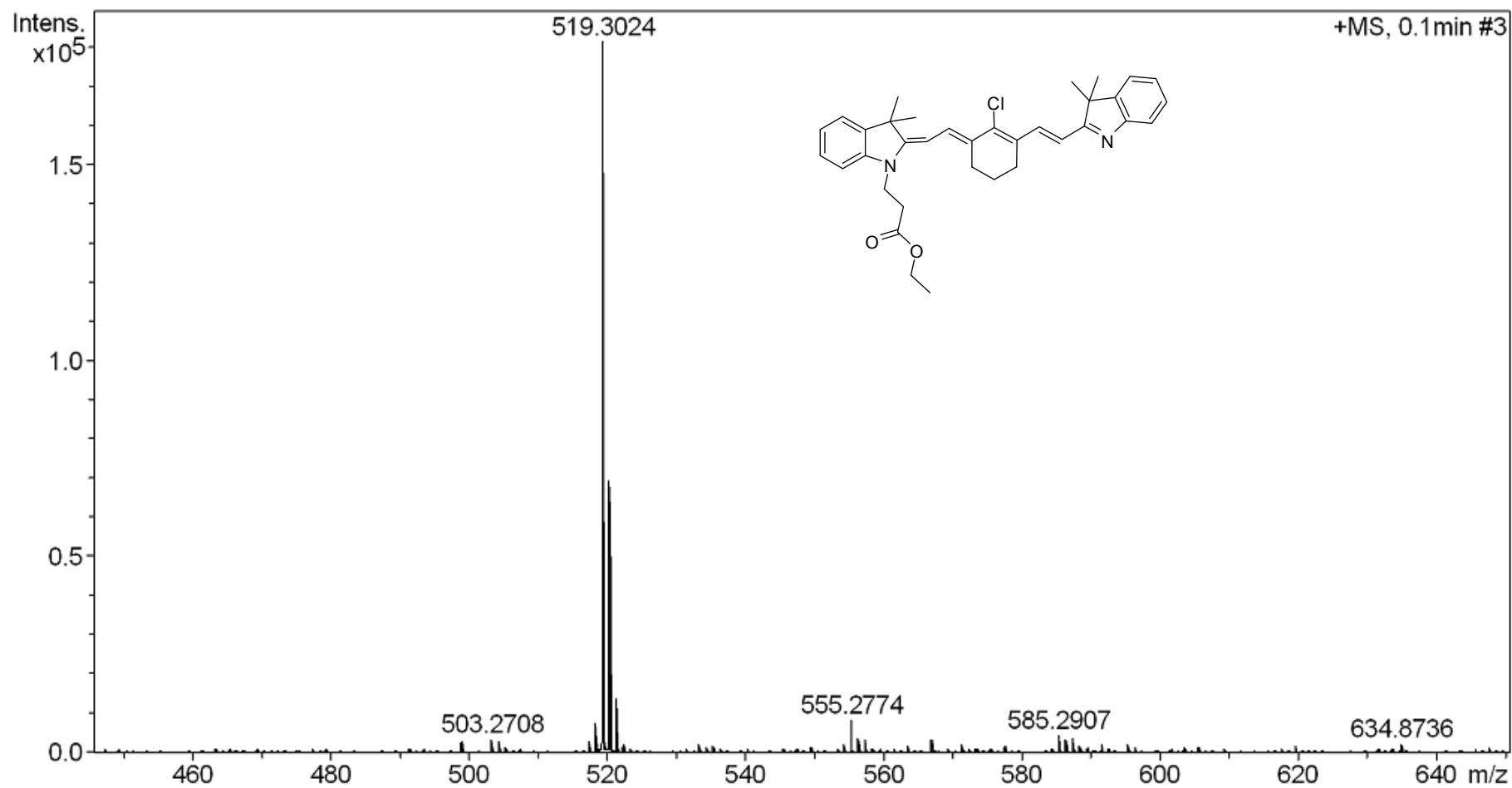


Fig.S9 Tof MS ES⁺ spectrum of compound 4.

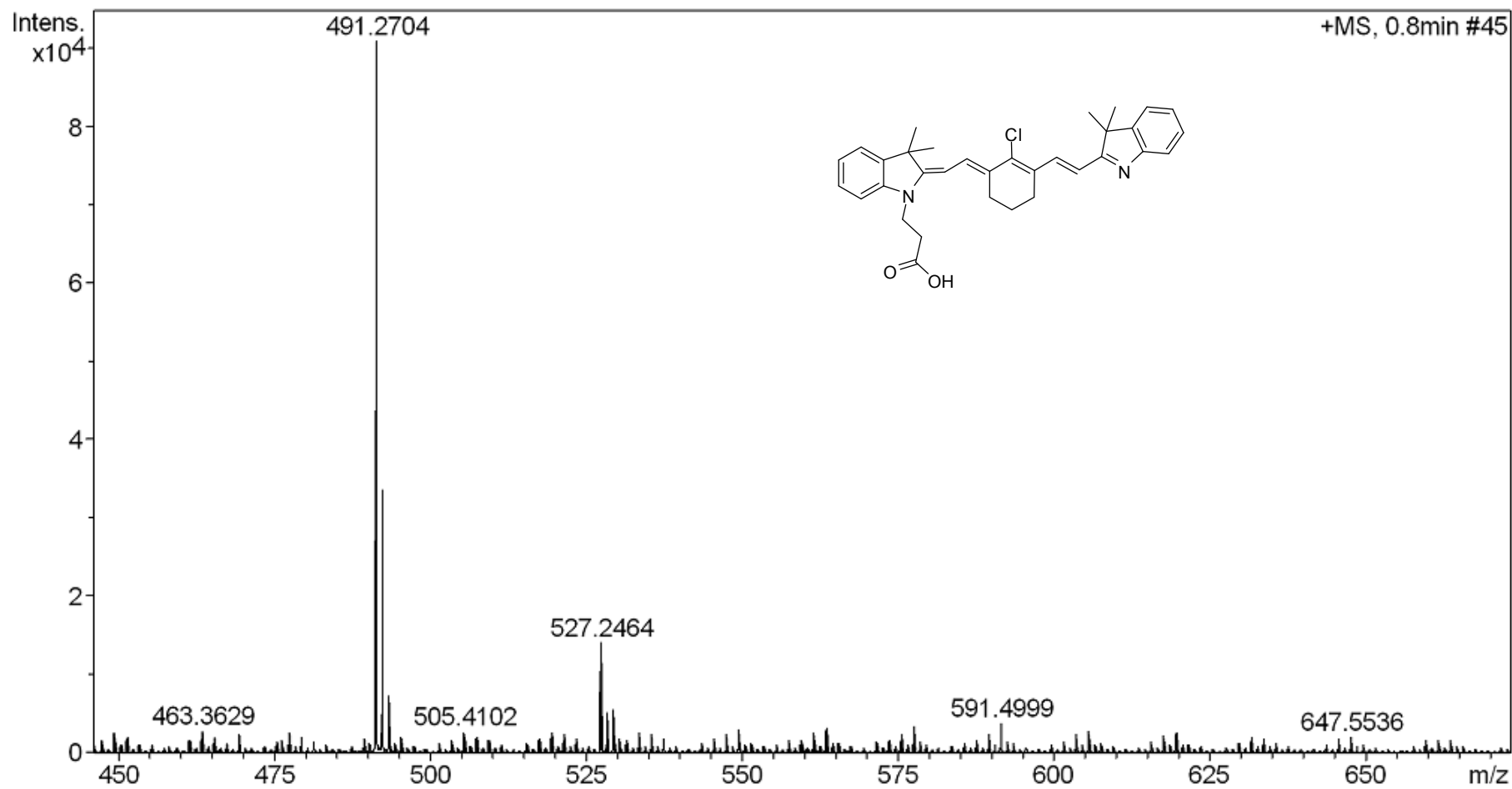


Fig.S10 Tof MS ES⁺ spectrum of compound 5.

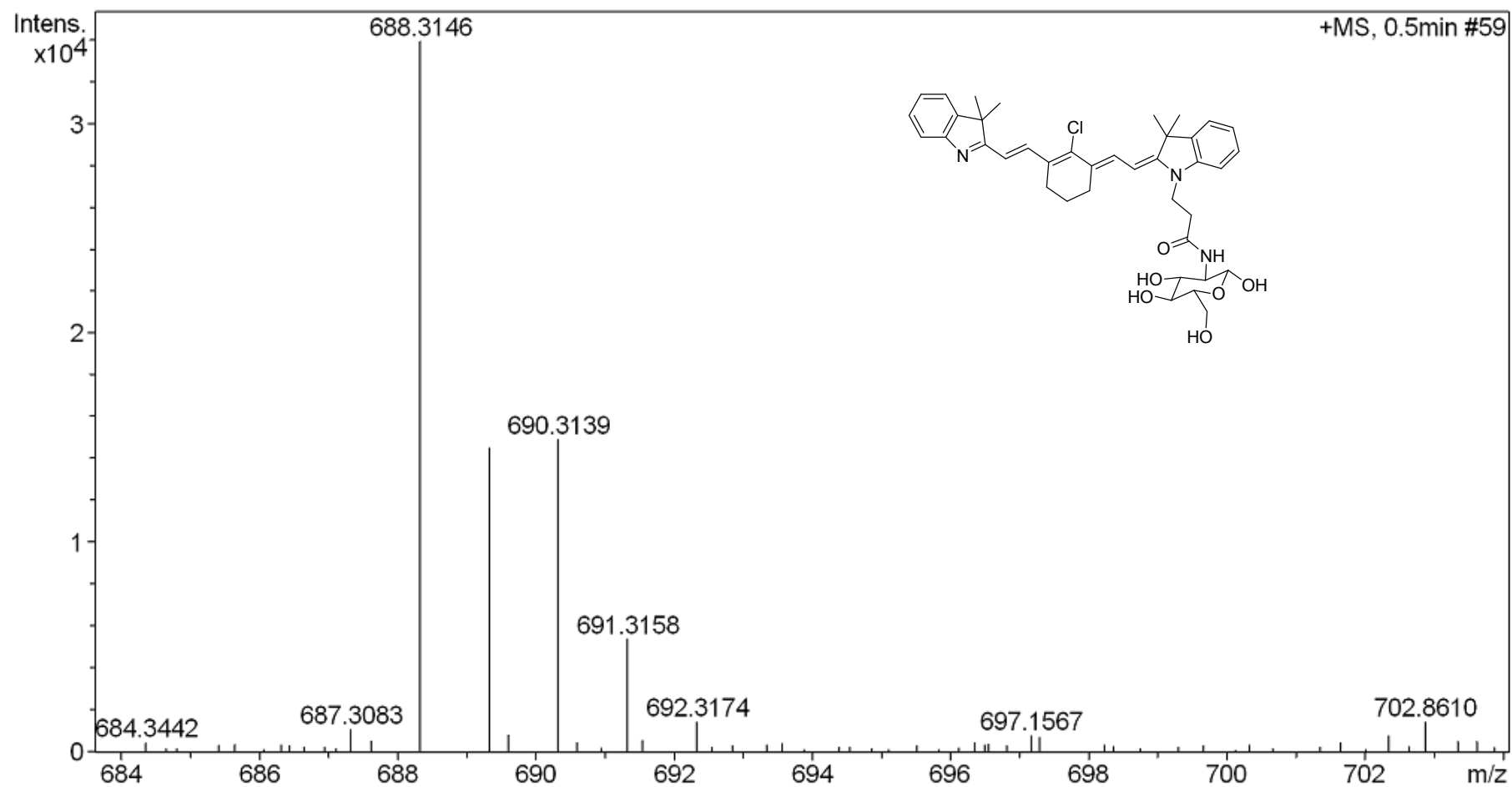


Fig.S11 Tof MS ES⁺ spectrum of TM.