

Figure 1. ^1H NMR spectrum of compound **1** in $\text{DMSO}-d_6$

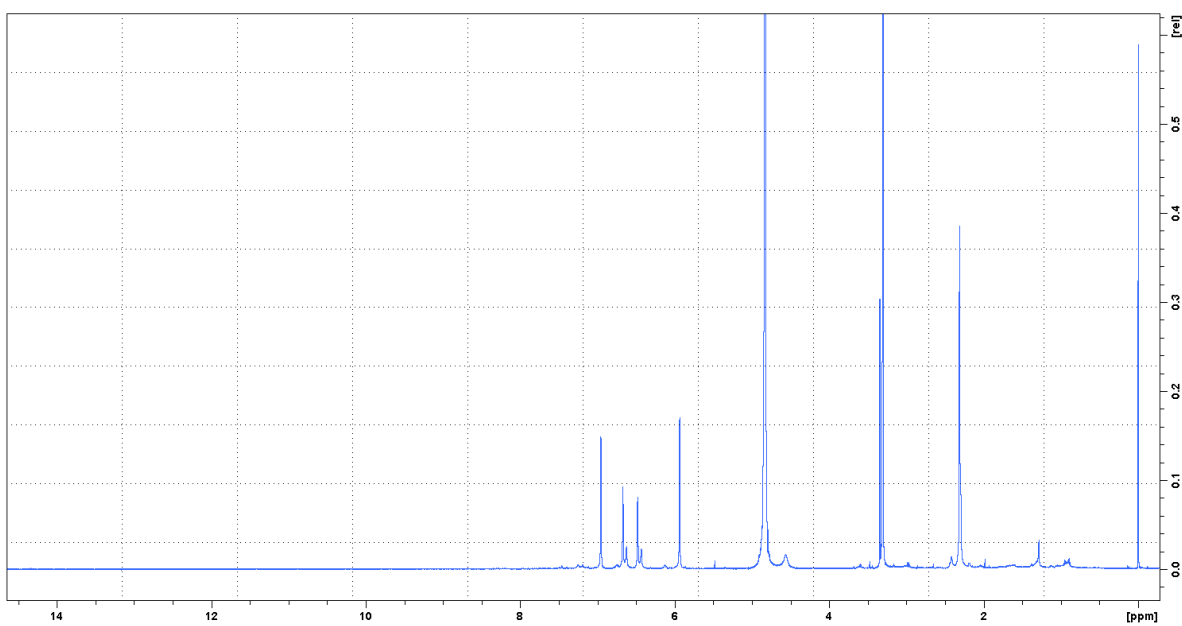


Figure 2. ^1H NMR spectrum of compound **1** in $\text{MeOH-}d_4$

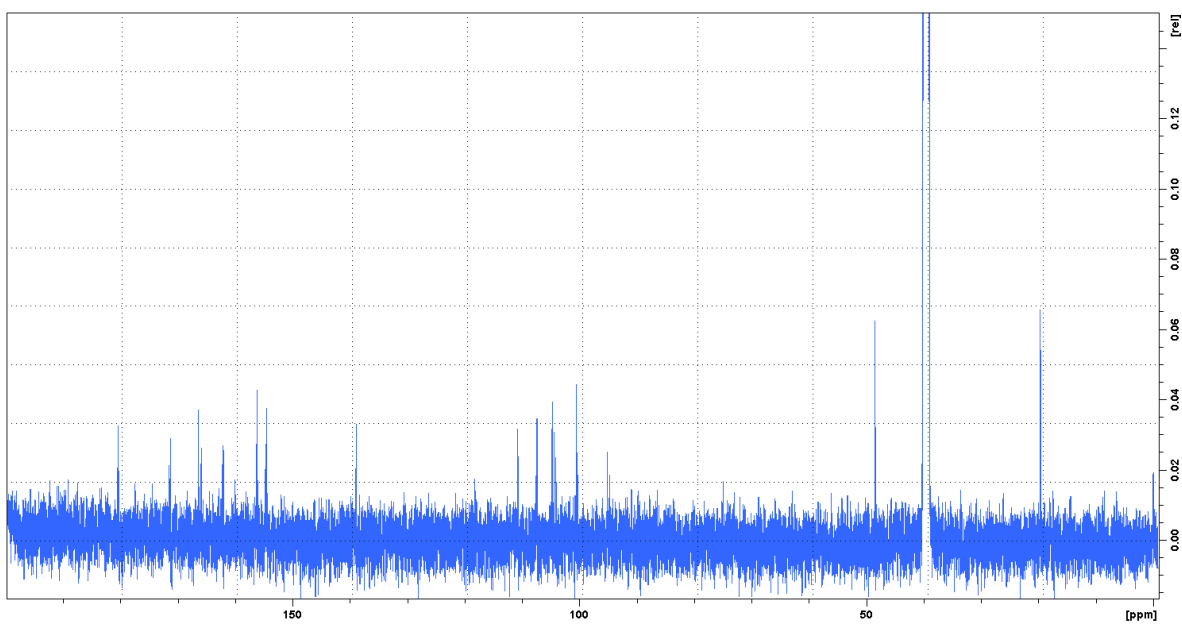


Figure 3. ^{13}C NMR spectrum of compound **1** in $\text{DMSO}-d_6$

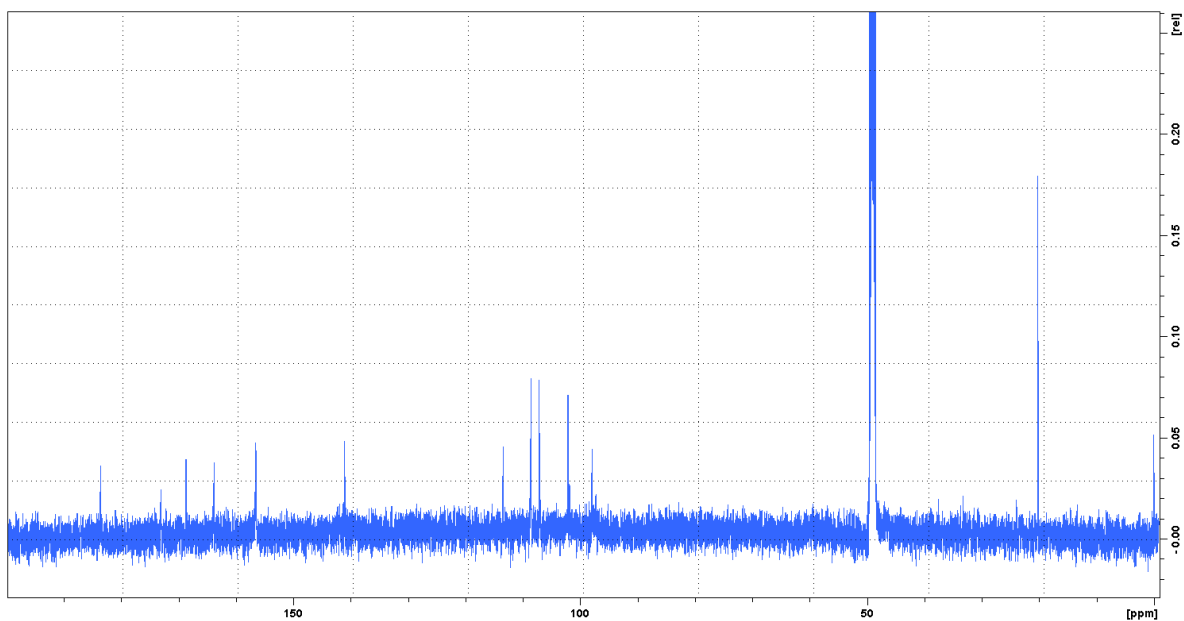


Figure 4. ^{13}C NMR spectrum of compound **1** in $\text{MeOH-}d_4$

測定データ名: IH D8-17-7 neg
作成条件: Average(MS[1] Time:0.66..0.75)
試料名(内部): IH D8-17-7 neg

実験日時: 2016/10/18 15:19:28
イオン化モード: Dual ESI-

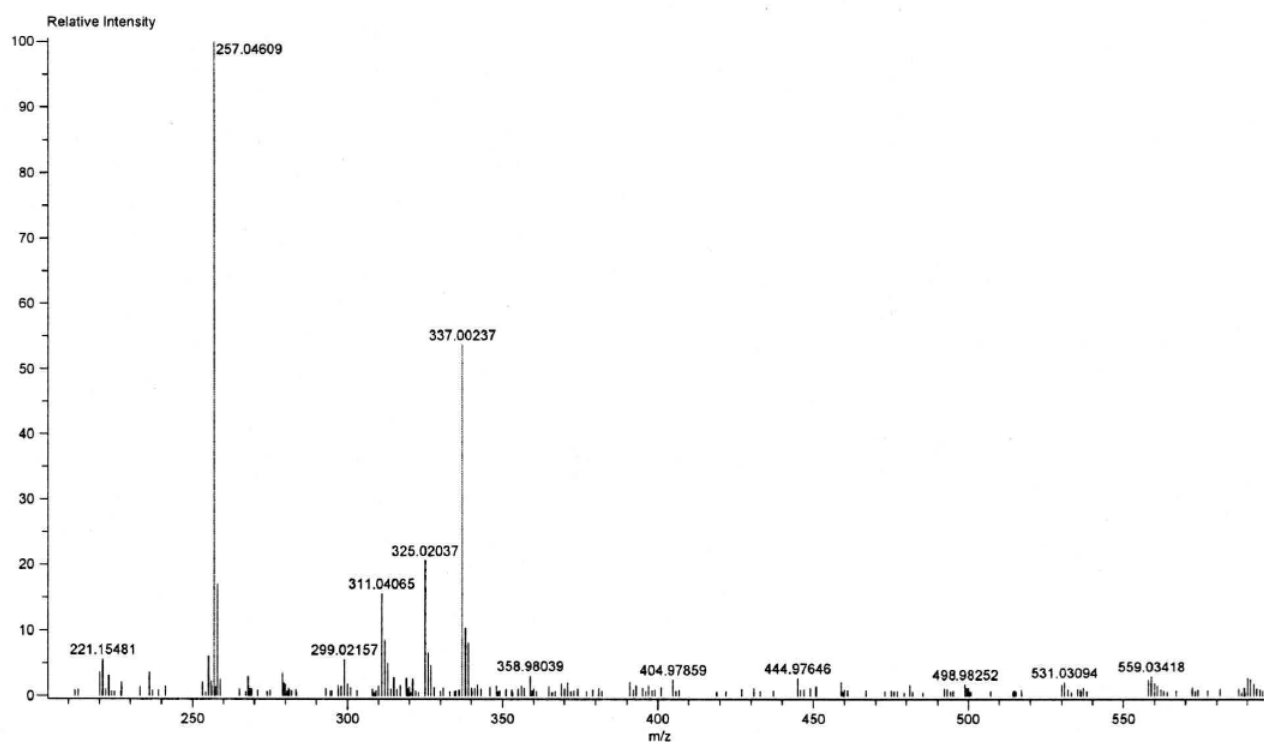


Figure 5. ESIMS of compound 1

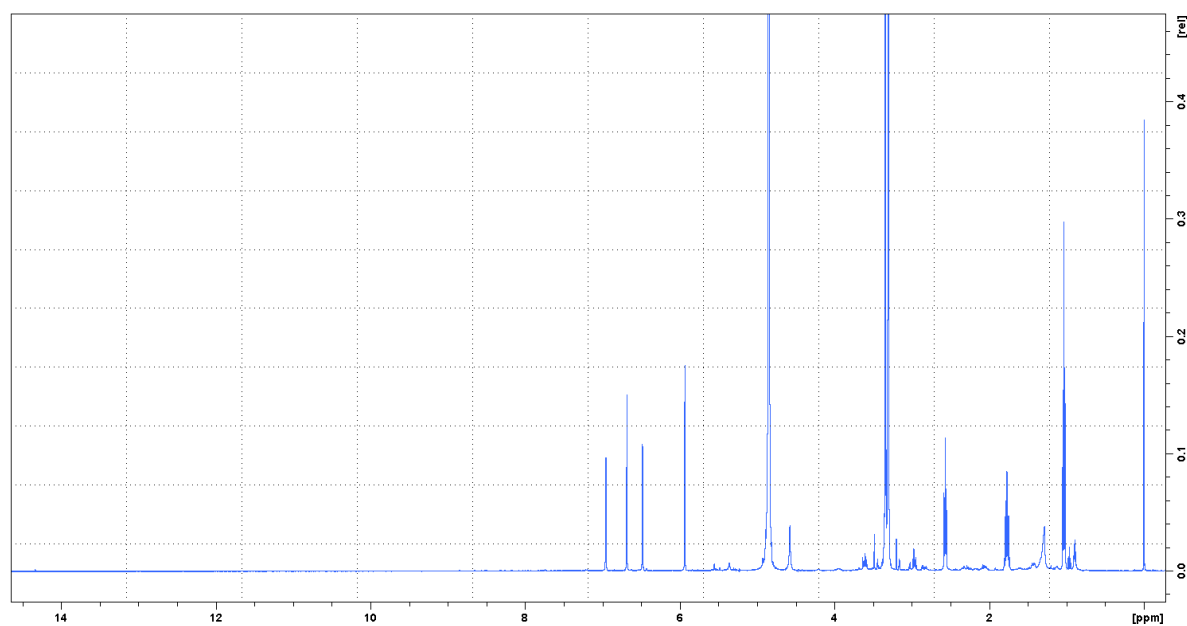


Figure 6. ^1H NMR spectrum of compound **2** in $\text{MeOH-}d_4$

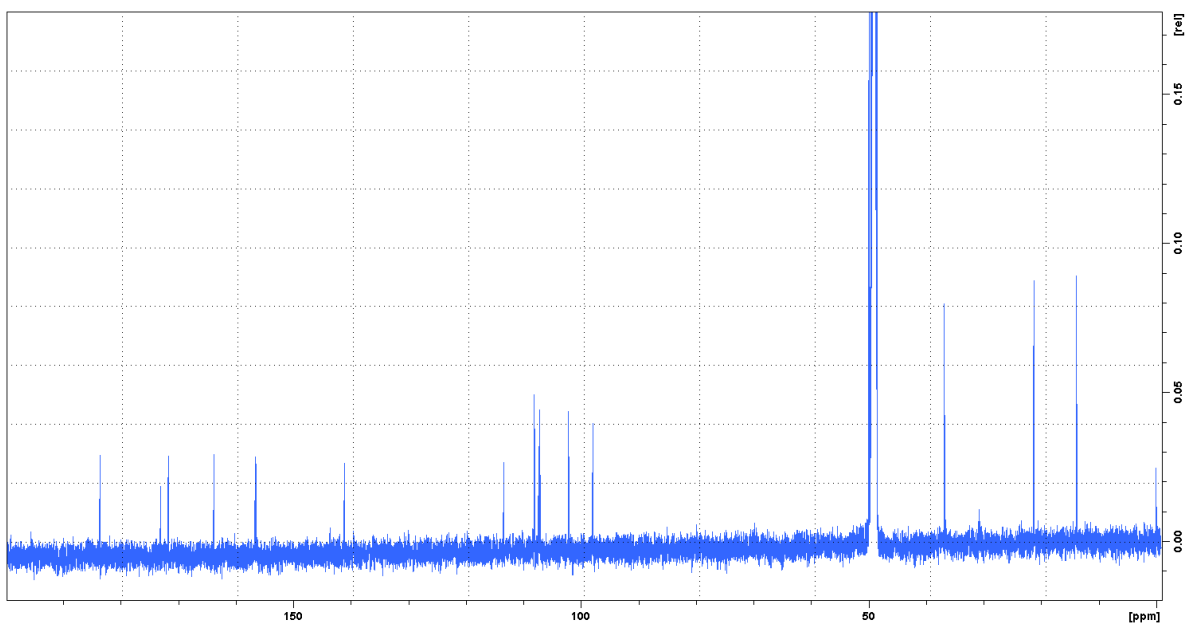


Figure 7. ^{13}C NMR spectrum of compound **2** in $\text{MeOH-}d_4$

測定データ名: NN-9-61-4 neg
作成条件: 平均(MS[1] 経過時間: 0.60..0.62)

実験日時: 2010/11/18 14:40:26
イオン化モード: デュアルESI-

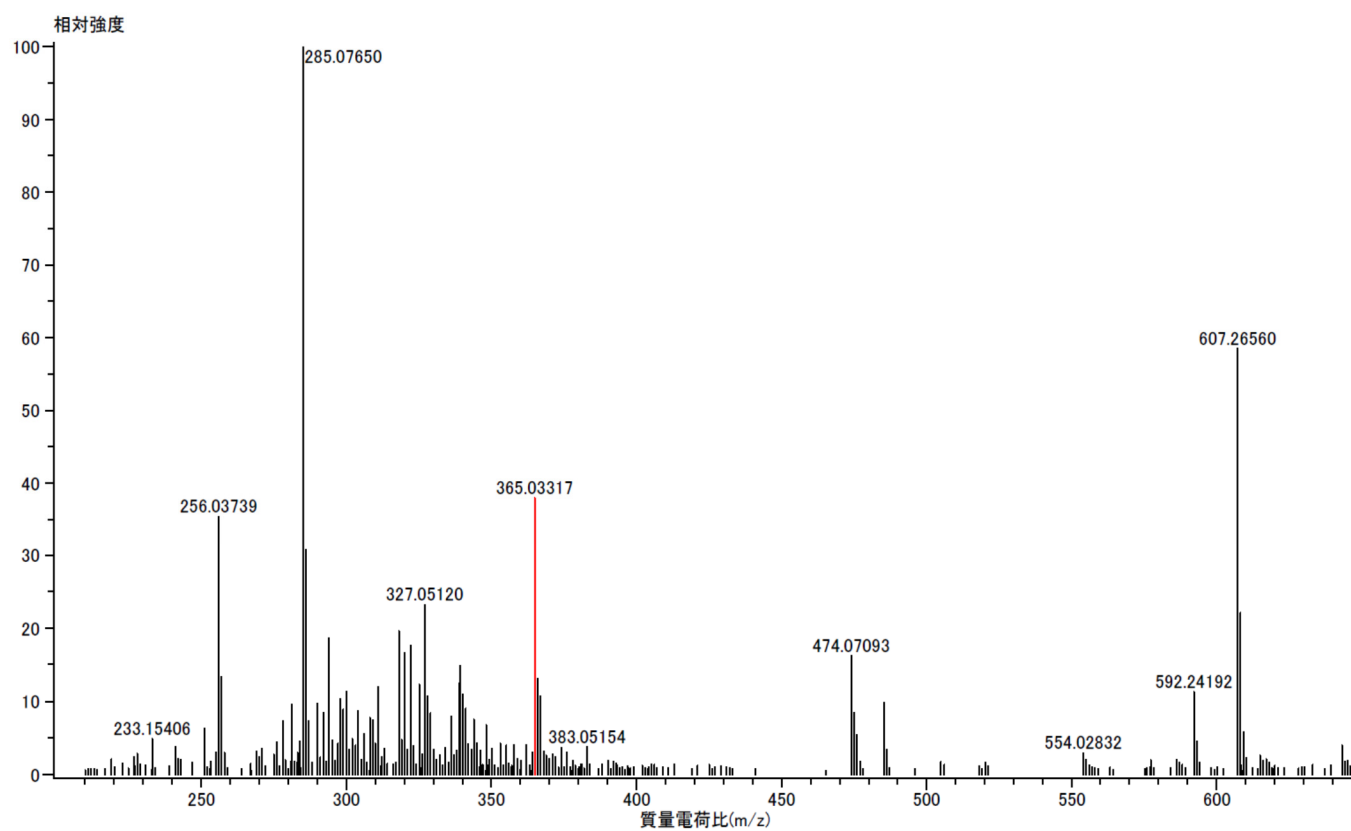


Figure 8. ESIMS of compound 2

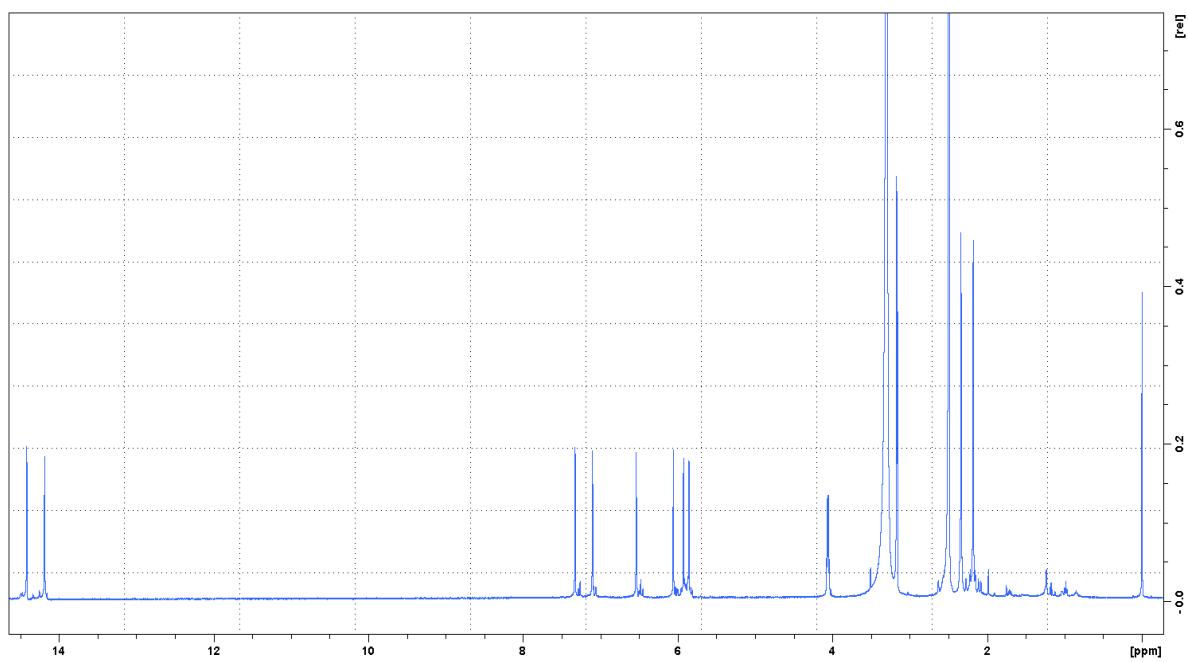


Figure 9. ^1H NMR spectrum of compound **3** in $\text{DMSO-}d_6$

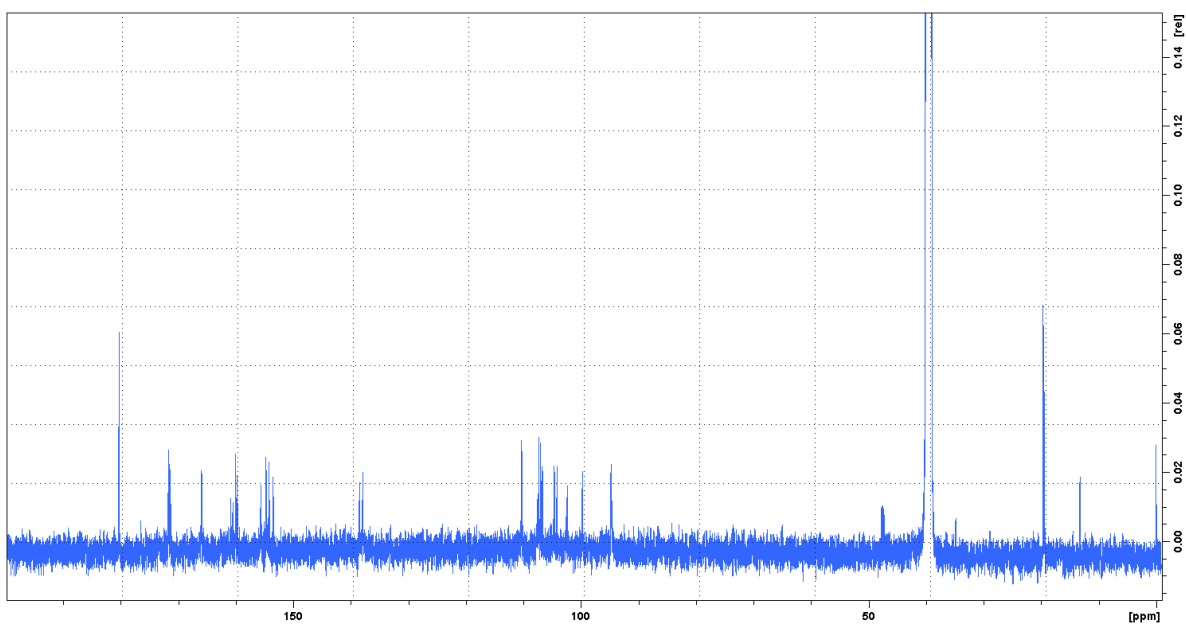


Figure 10. ^{13}C NMR spectrum of compound **3** in $\text{DMSO-}d_6$

測定データ名: IH D8-15-6 fix neg
作成条件: Average(MS[1] Time:0.84..0.87)
試料名(内部): IH D8-15-6 fix neg

実験日時: 2016/12/28 13:01:55
イオン化モード: Dual ESI-

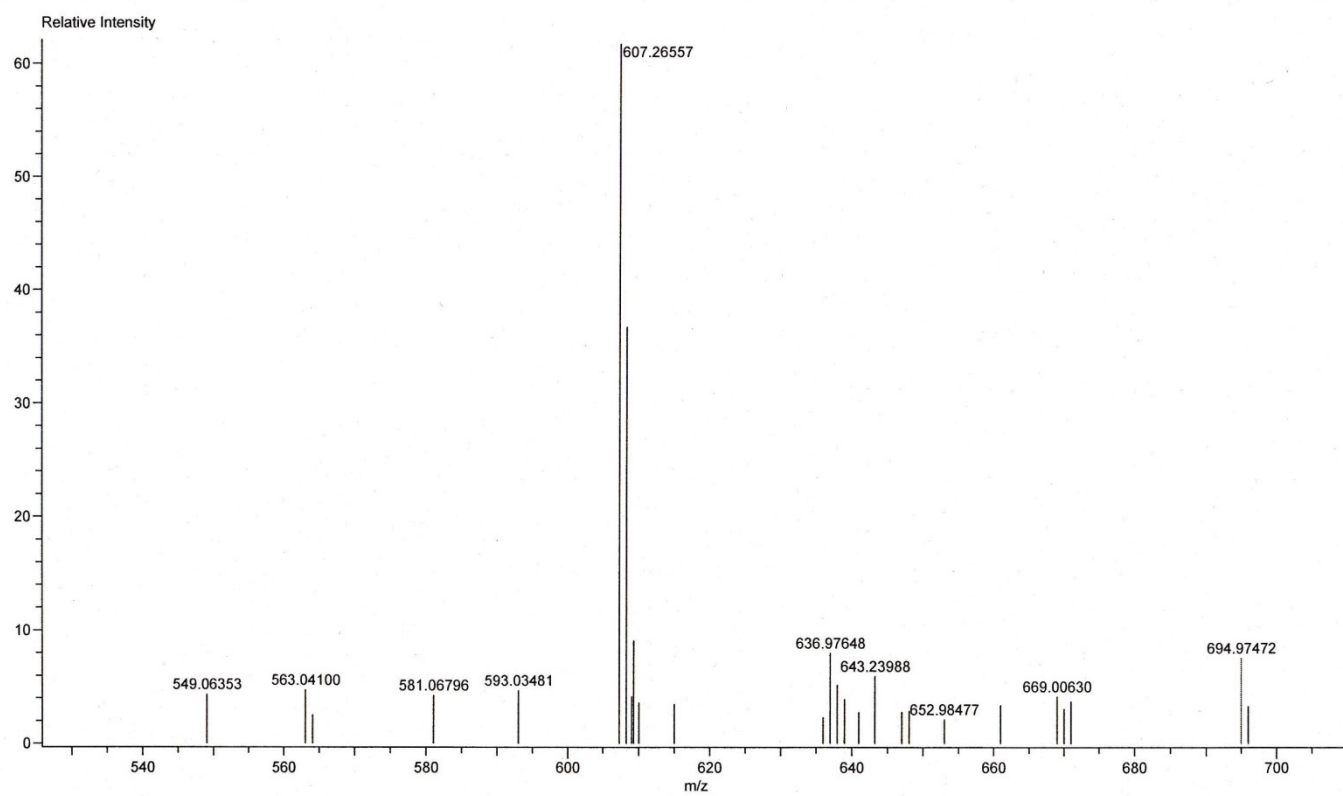


Figure 11. ESIMS of compound **3**

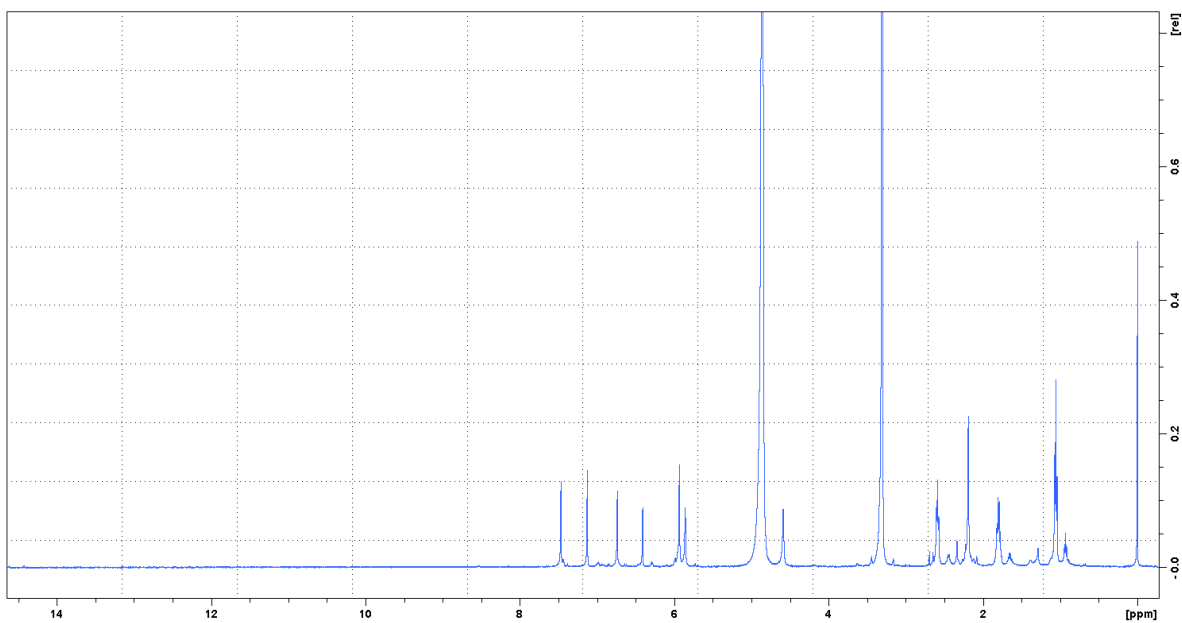


Figure 12. ^1H NMR spectrum of compound **4** in $\text{MeOH-}d_4$

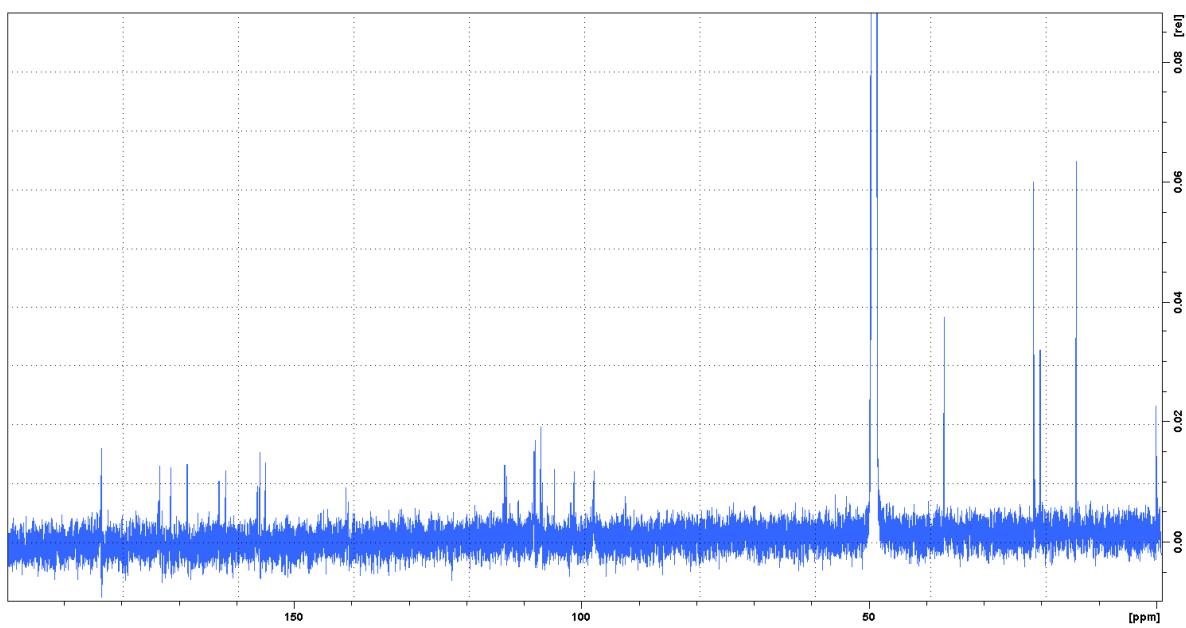


Figure 13. ^{13}C NMR spectrum of compound **4** in $\text{MeOH-}d_4$

測定データ名: IH D8-15-8 fix neg
作成条件: Average(MS[1] Time:0.70..0.78)
試料名(内部): IH D8-15-8 fix neg

実験日時: 2016/12/28 13:06:45
イオン化モード: Dual ESI-

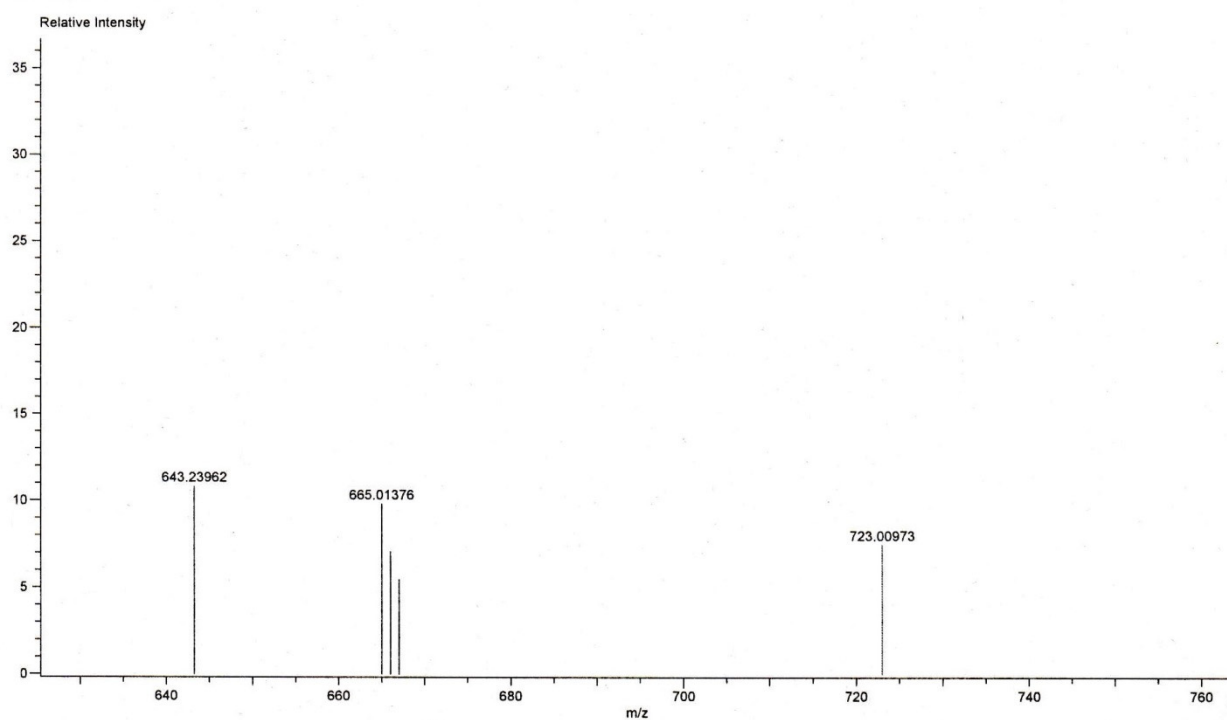


Figure 14. ESIMS of compound 4

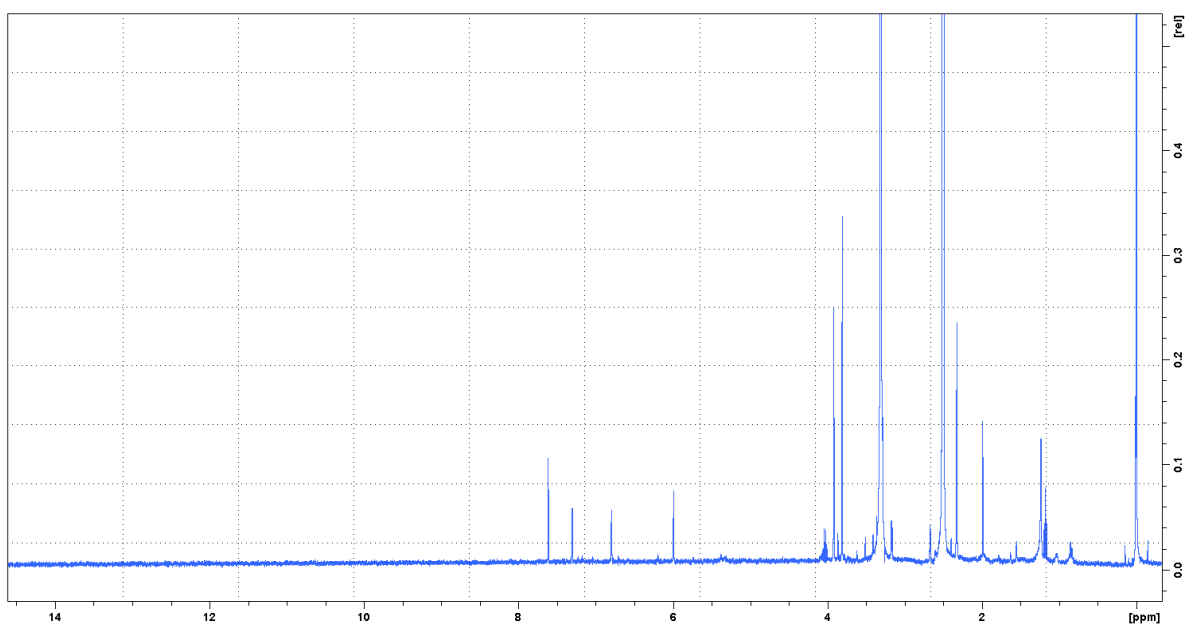


Figure 15. ^1H NMR spectrum of compound **7** in $\text{DMSO-}d_6$

測定データ名: IH D8-17-M7-2
作成条件: Average(MS[1] Time:0.60_0.87)
試料名(内部): IH D8-17-M7-2

実験日時: 2016/12/01 16:31:06
イオン化モード: Dual ESI-

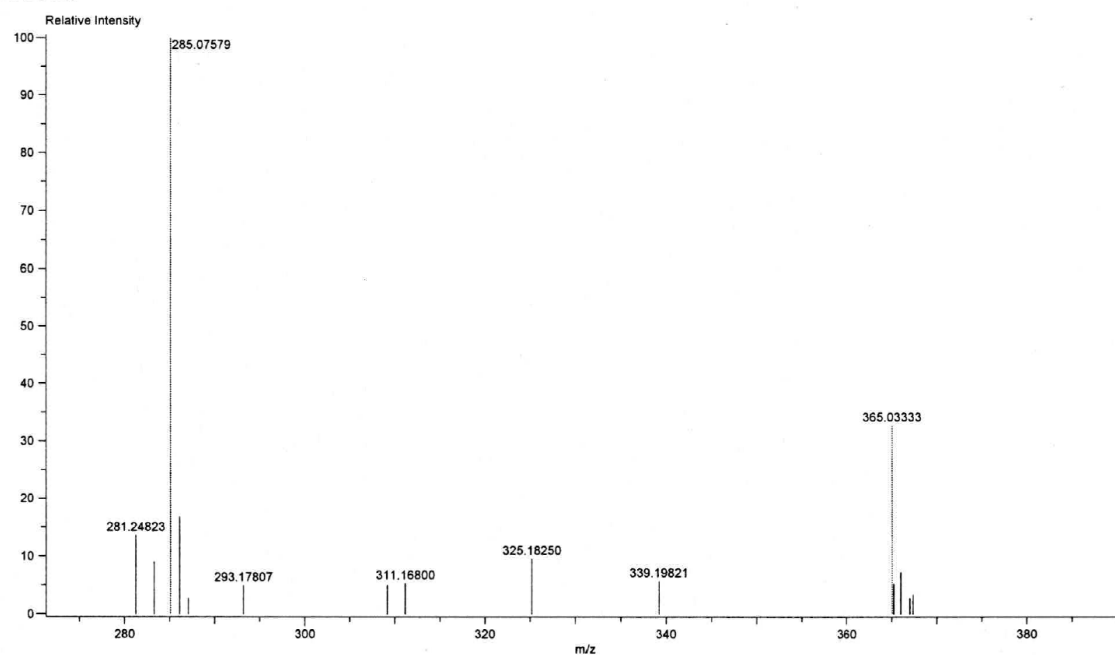


Figure 16. HRESIMS of compound 7