

Fig UV spectrum of 4-hydroxy-4'-methoxychalcone (1)

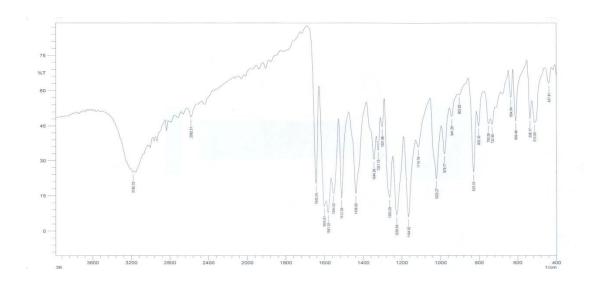


Fig IR spectrum of 4-hydroxy-4'-methoxychalcone (1)

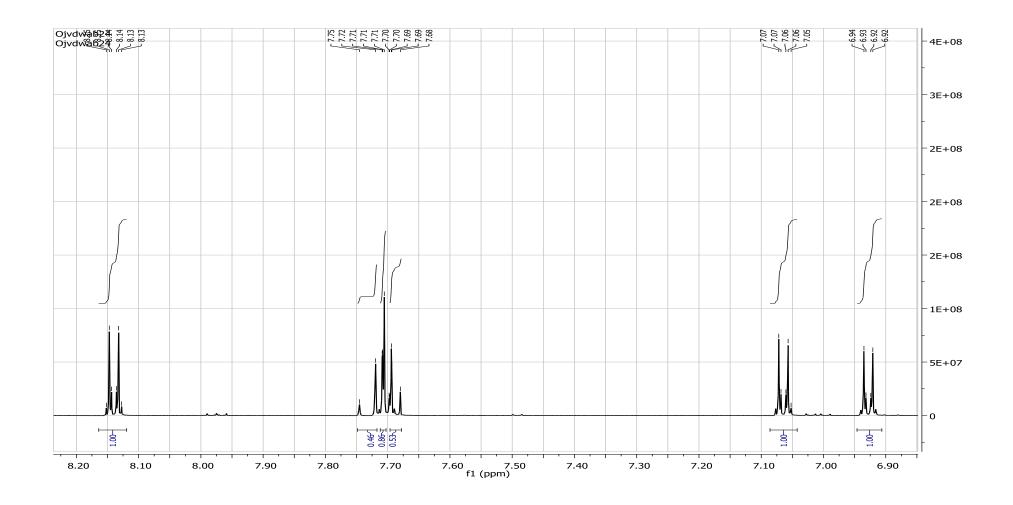


Fig ¹HNMR spectrum of 4-hydroxy-4'-methoxychalcone (1)

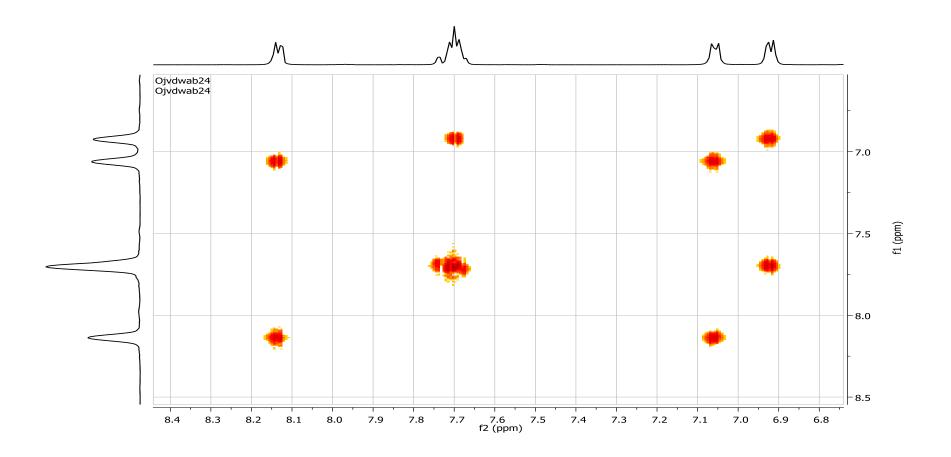


Fig cosy spectrum of 4-hydroxy-4'-methoxychalcone (1)

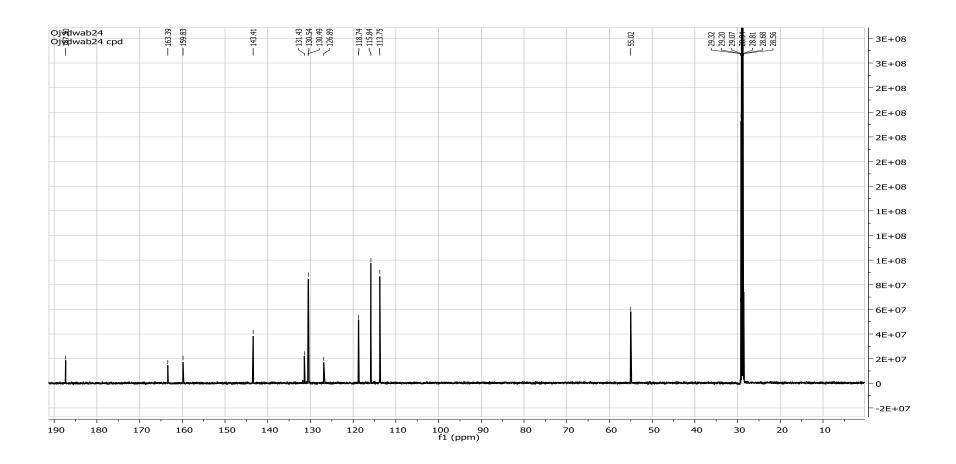


Fig ¹³CNMR spectrum of 4-hydroxy-4'-methoxychalcone (1)

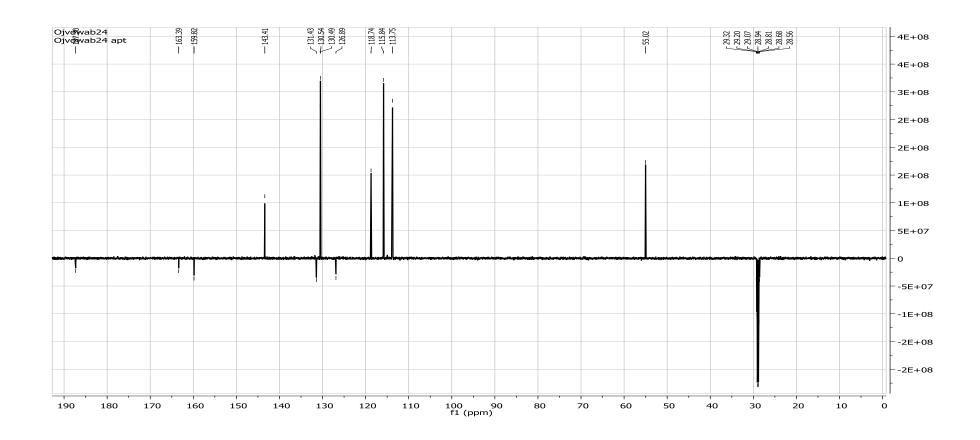


Fig Apt experiments of 4-hydroxy-4'-methoxychalcone (1)

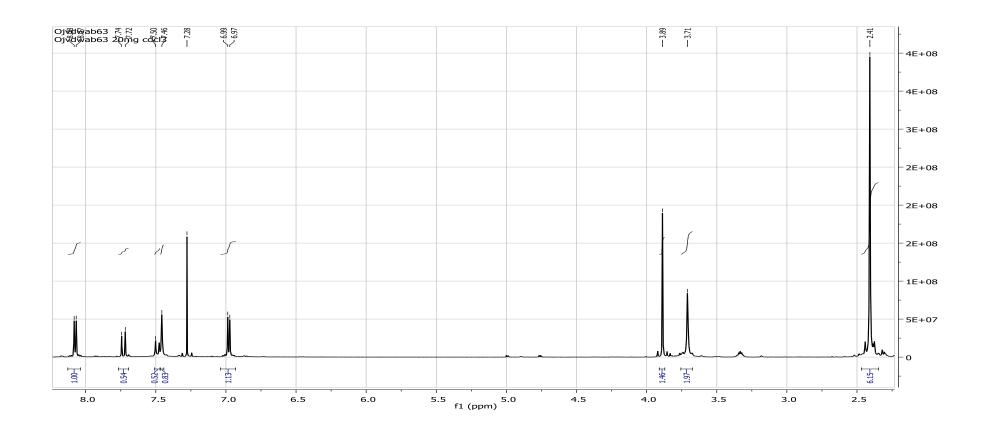


Fig ¹H-NMR spectrum of 4-hydroxy-4'-methoxy-3,5-bis-dimethylaminomethylchalcone (2)

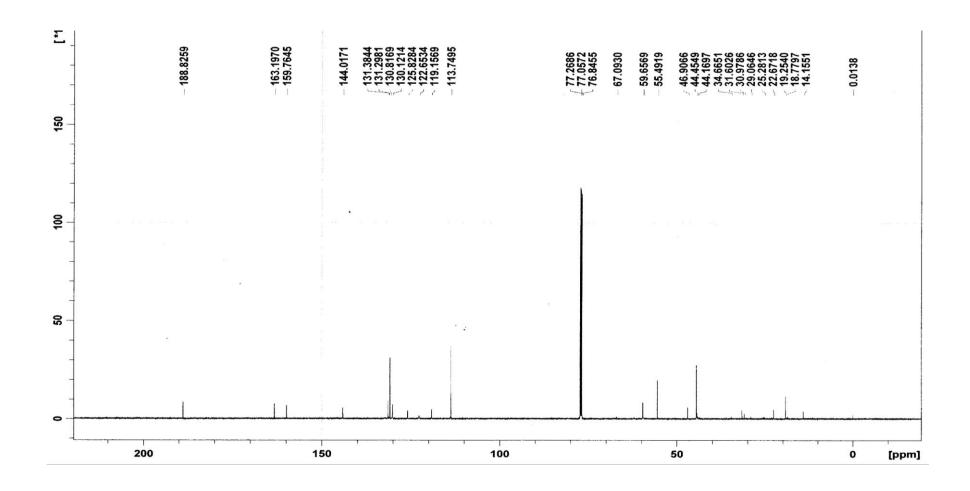


Fig ¹³CNMR spectrum of 4-hydroxy-4'-methoxy-3,5-bis-dimethylaminomethylchalcone (2)

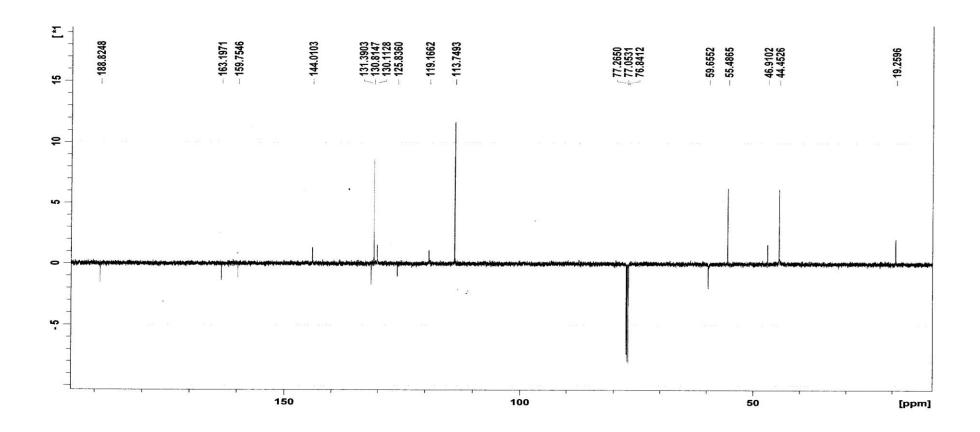


Fig Apt experiments of 4-hydroxy-4'-methoxy-3,5-bis-dimethylmethylchalcone (2)

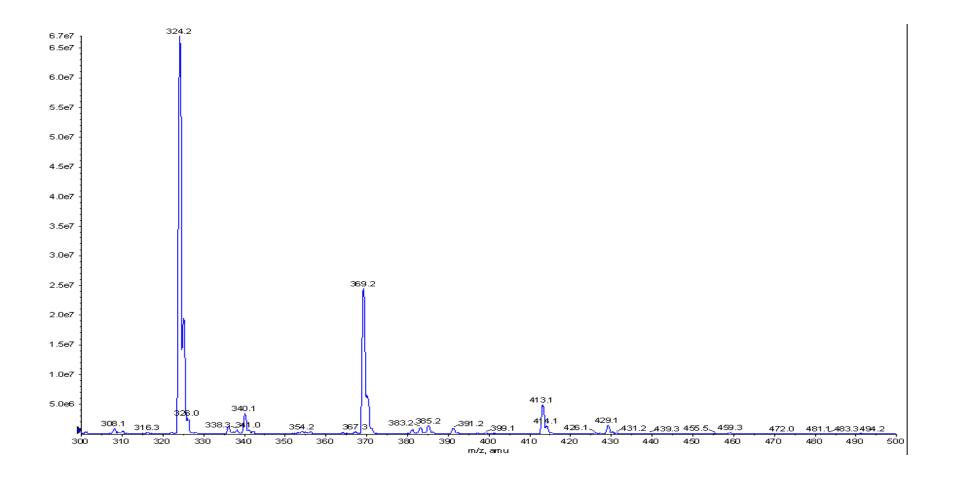


Fig Mass spectrum of 4-hydroxy-4'-methoxy-3,5-bis-dimethylmethylchalcone (2)

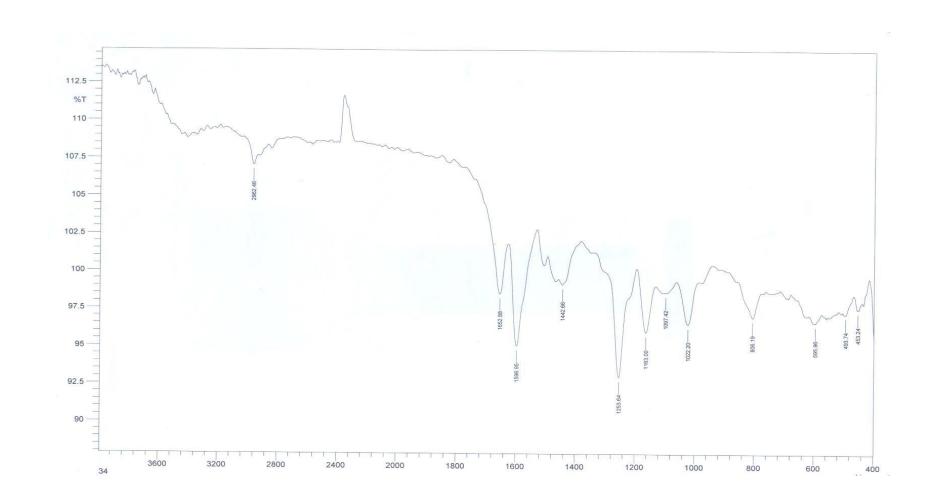


Fig IR spectrum of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

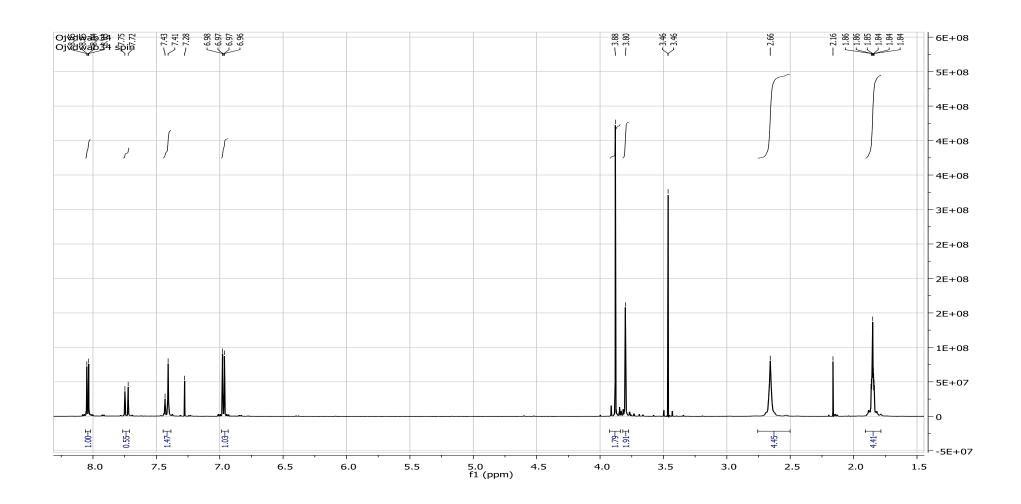


Fig ¹H-NMR spectrum of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

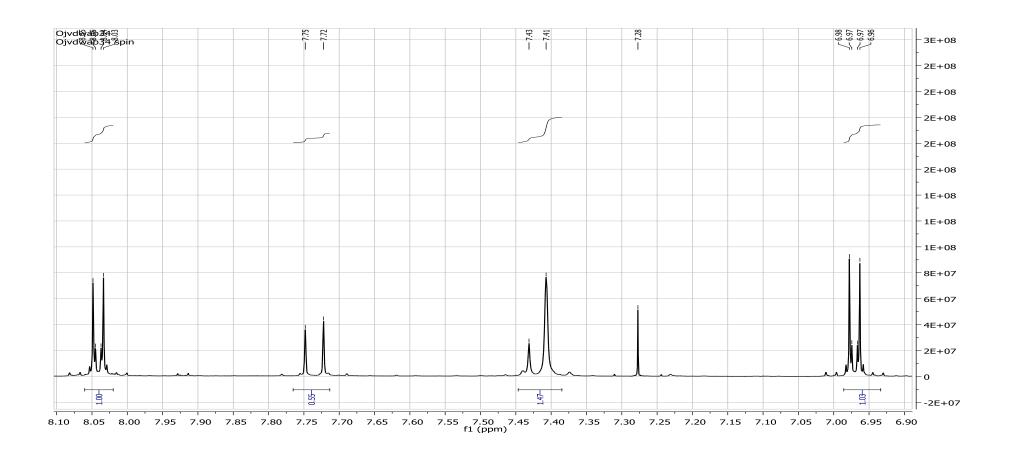


Fig ¹H-NMR spectrum of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

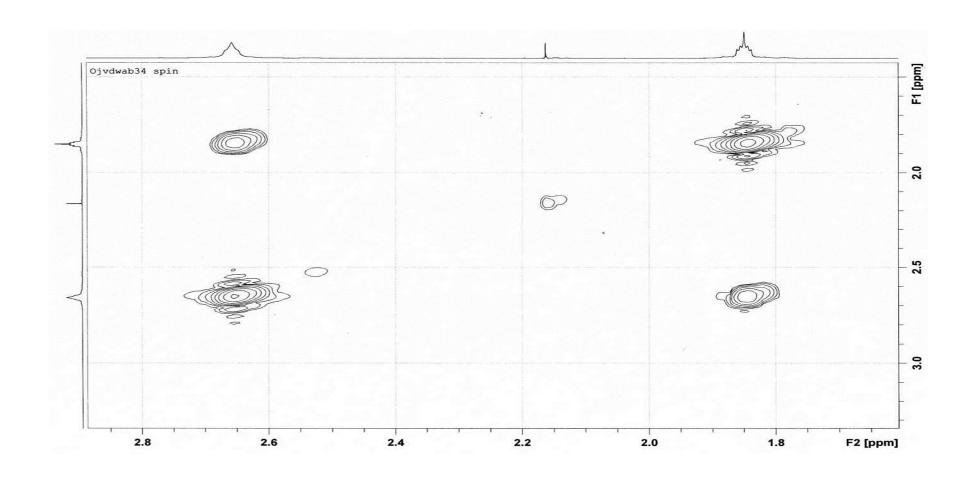


Fig ¹H-¹H cosy NMR of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

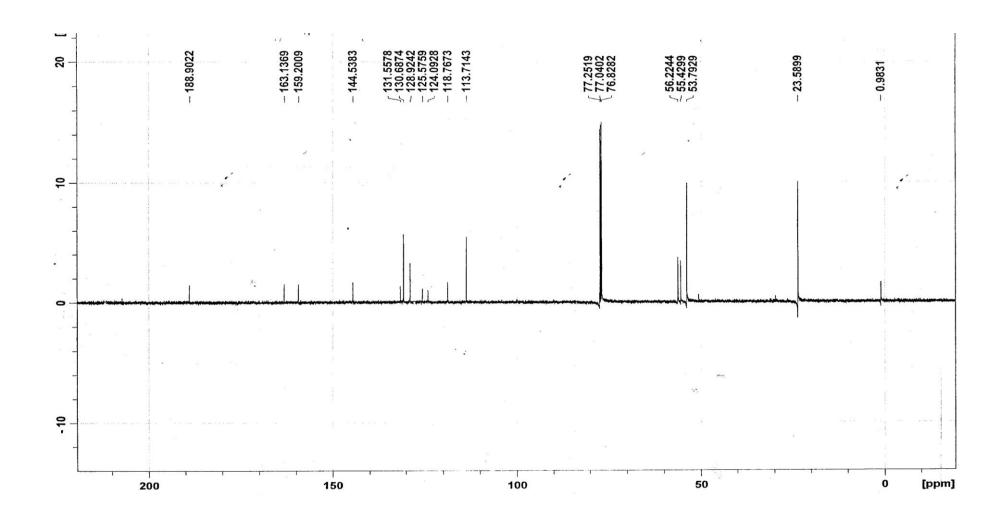


Fig ¹³C-NMR spectrum of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

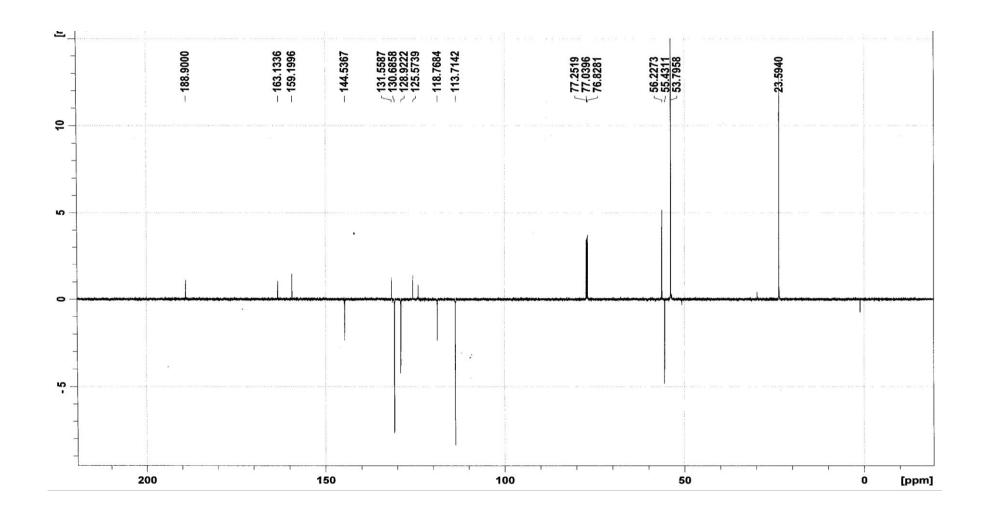


Fig Apt experiments of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

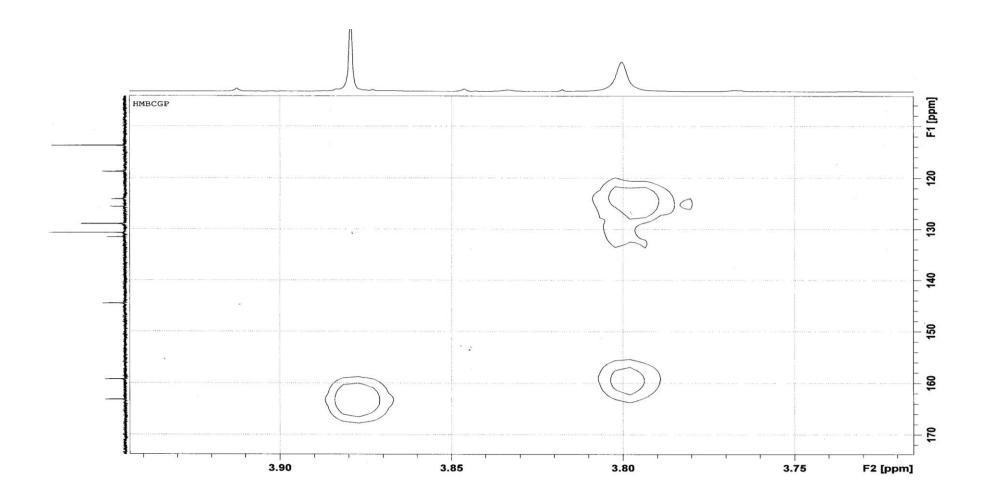


Fig nosey experiment of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

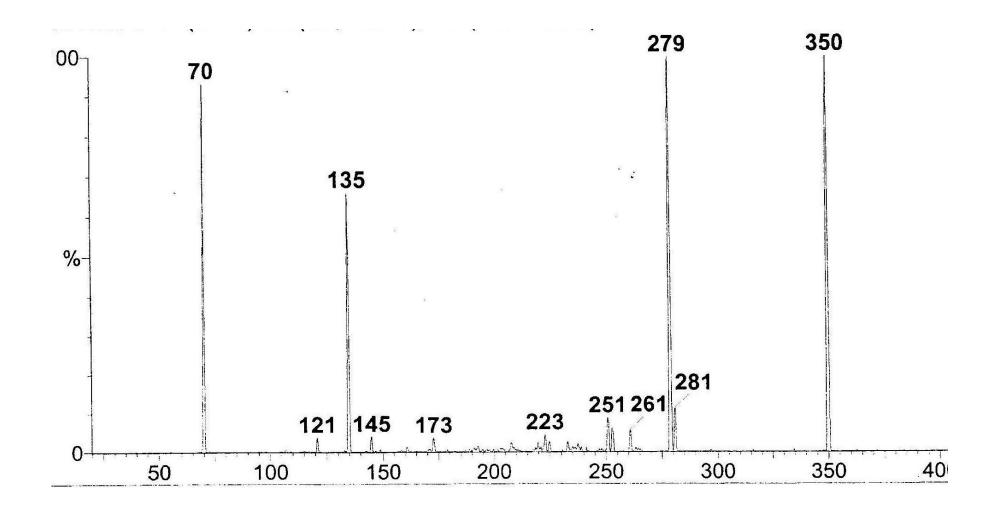


Fig Mass spectrum of 4-hydroxy-4'-methoxy-3,5-bis-pyrrolidinomethylchalcone (3)

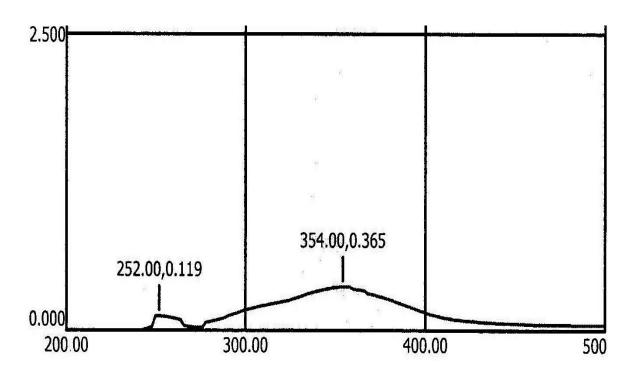


Fig UV spectrum of 4-hydroxy-4'-methoxy-3,5-bispiperlidinomethylchalcone (4)

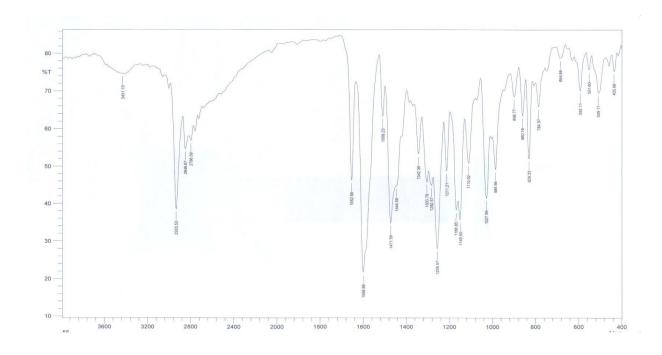


Fig IR spectrum of 4-hydroxy-4'-methoxy-3,5-bispiperlidinomethylchalcone (4)

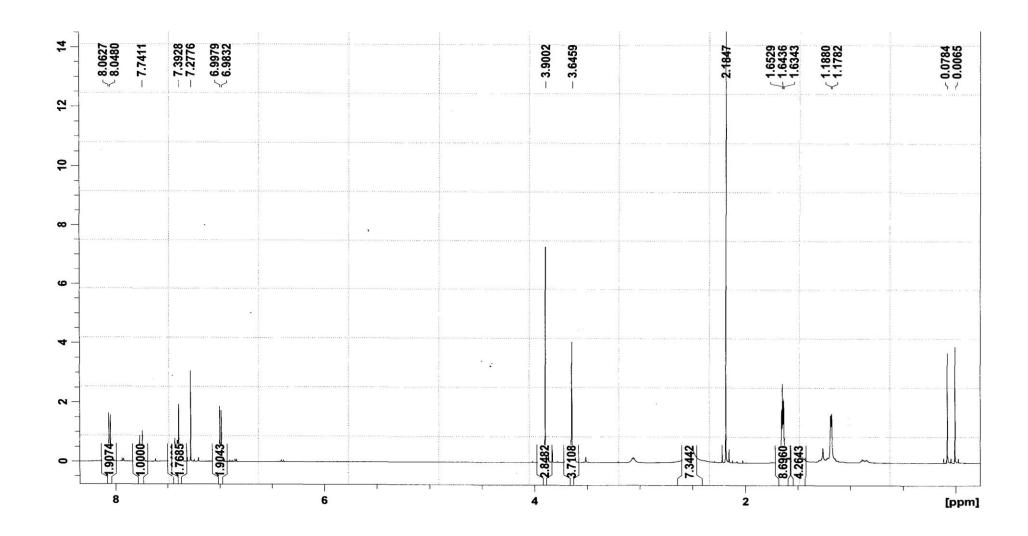


Fig ¹HNMR of 4-hydroxy-4'-methoxy-3,5-bis-piperlidinomethylchalcone (4)

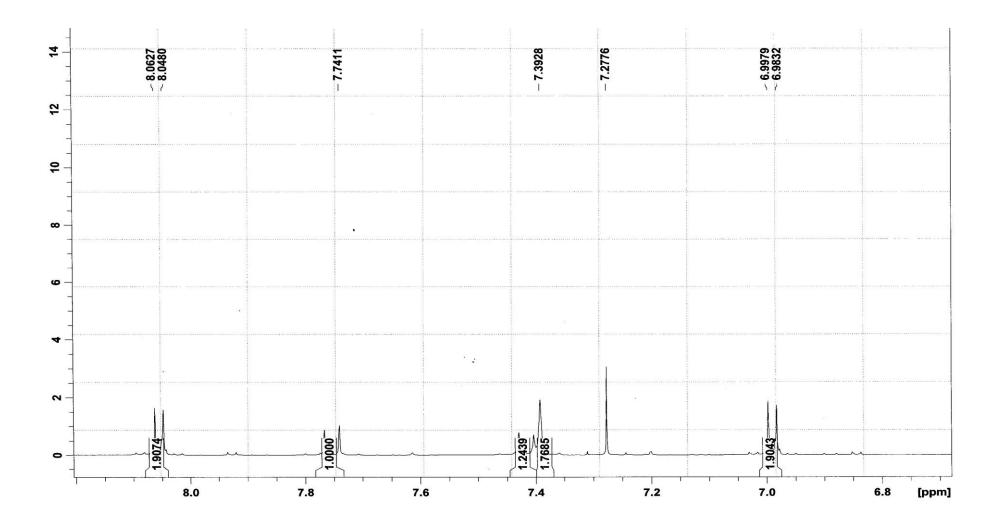


Fig ¹HNMR of 4-hydroxy-4'-methoxy-3,5-bis-piperlidinomethylchalcone (4)

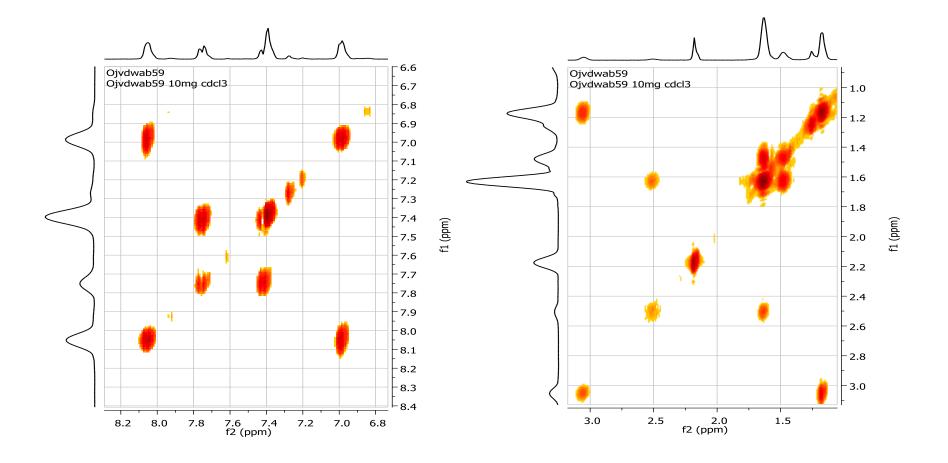


Fig of 4-hydroxy-4'-methoxy-3,5-bis-piperlidinomethylchalcone (4)

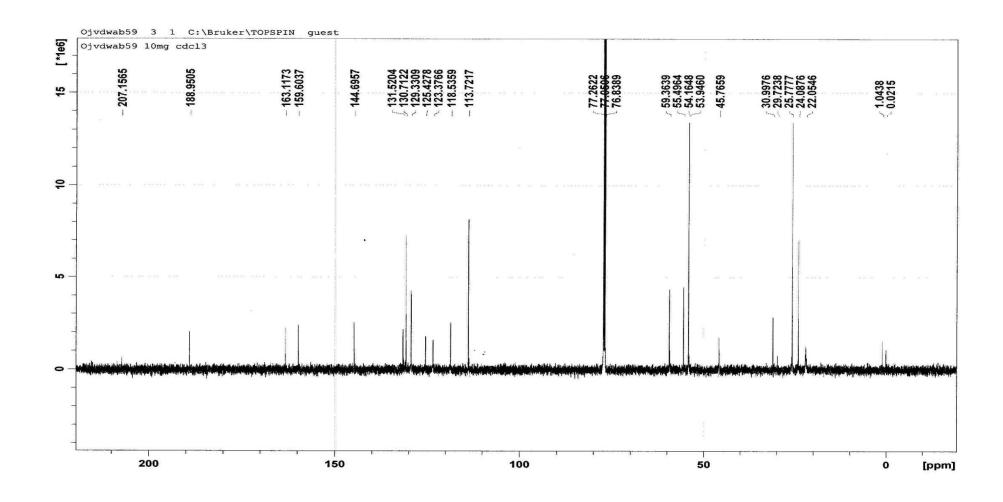


Fig ¹³HNMR of 4-hydroxy-4'-methoxy-3,5-bis-piperlidinomethylchalcone (4)

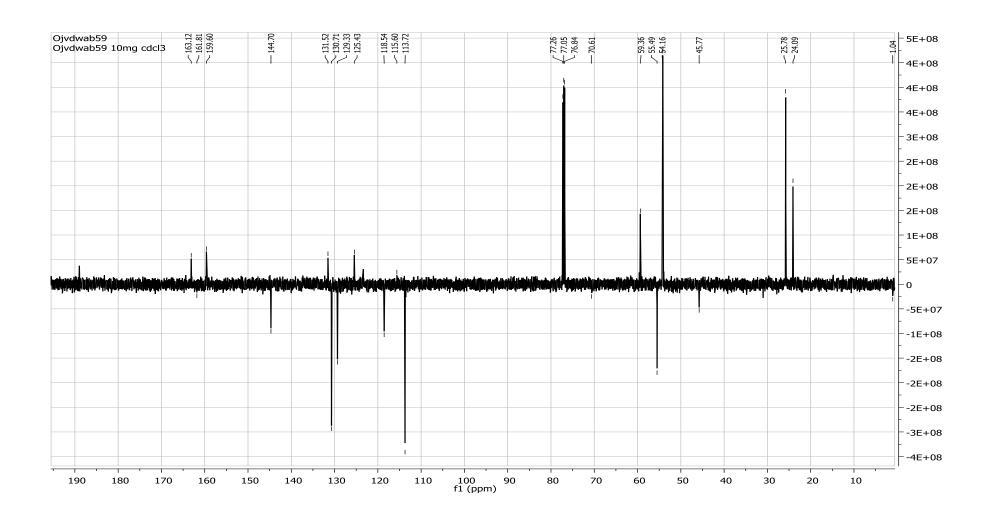


Fig Apt experiments of 4-hydroxy-4'-methoxy-3,5-bis-piperlidinomethylchalcone (4)

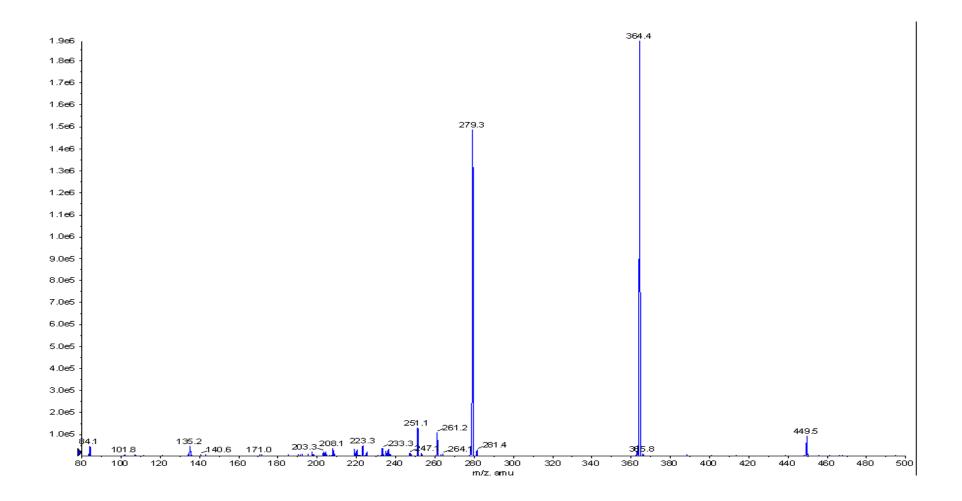


Fig Mass spectrum of 4-hydroxy-4'-methoxy-3,5-bis-piperlidinomethylchalcone (4)