Green synthesis of coumarin derivatives using Brønsted acidic pyridinium based ionic liquid [MBSPy][HSO_4] to control an opportunistic human and a devastating plant pathogenic fungus *Macrophemina phasolina*

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Supplementary Information (SI)

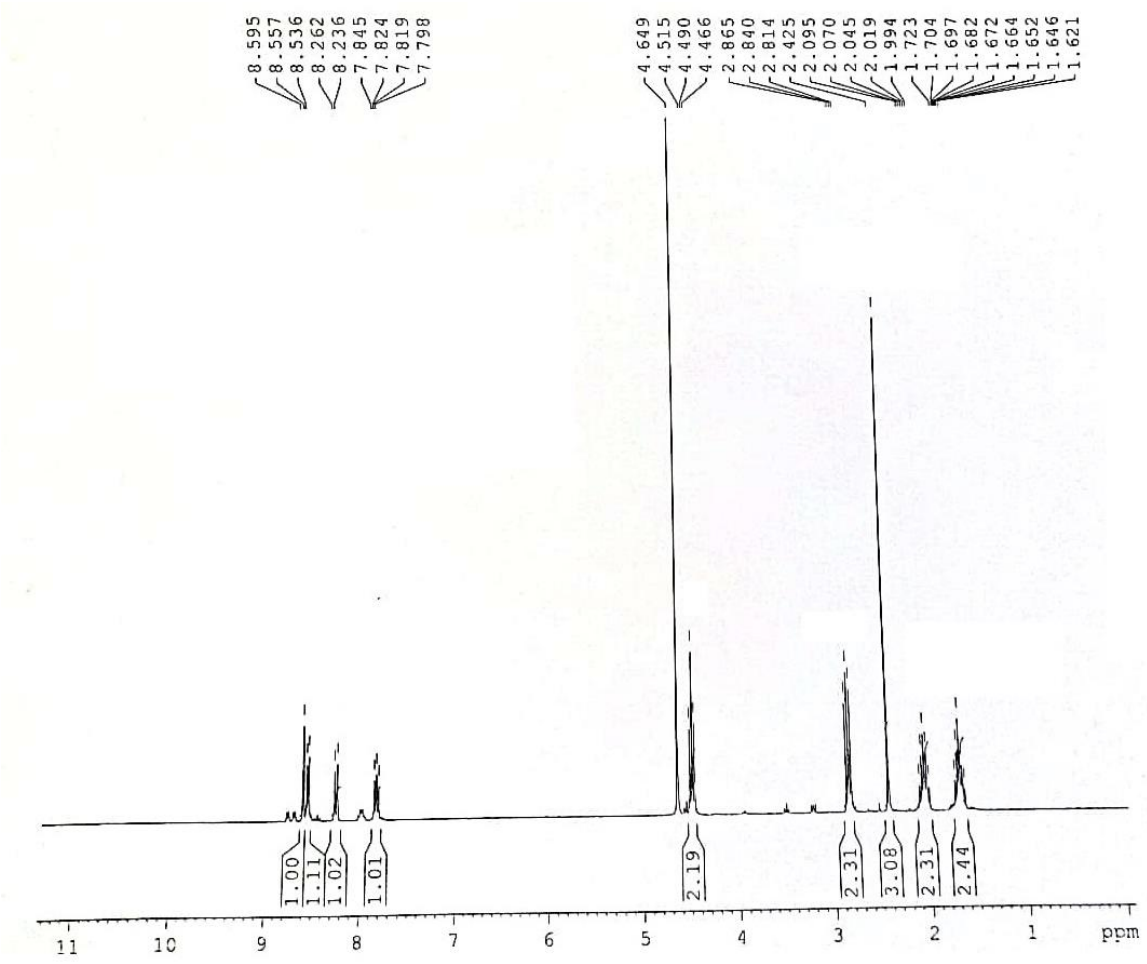

Fig. S1. ^{1}H NMR of Butylsulfonic-3-methylpyridinium hydrogen sulfate [MBSPy][HSO_4].

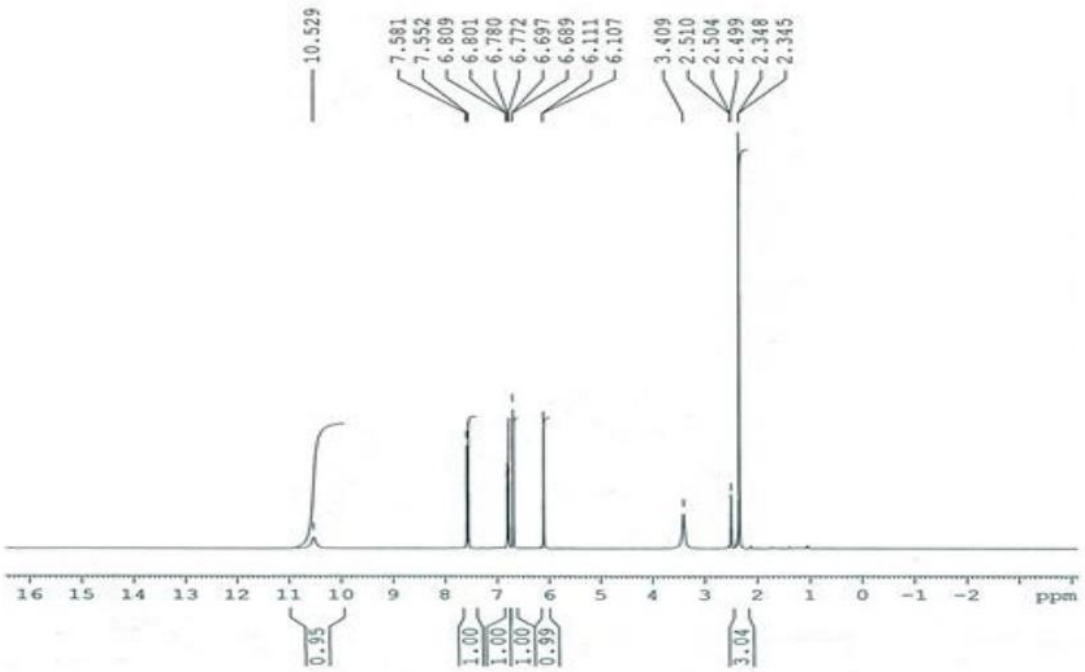

Fig. S2. [1]H NMR of 7-hydroxy-4-methyl-2*H*-chromen-2-one **(3a)**.

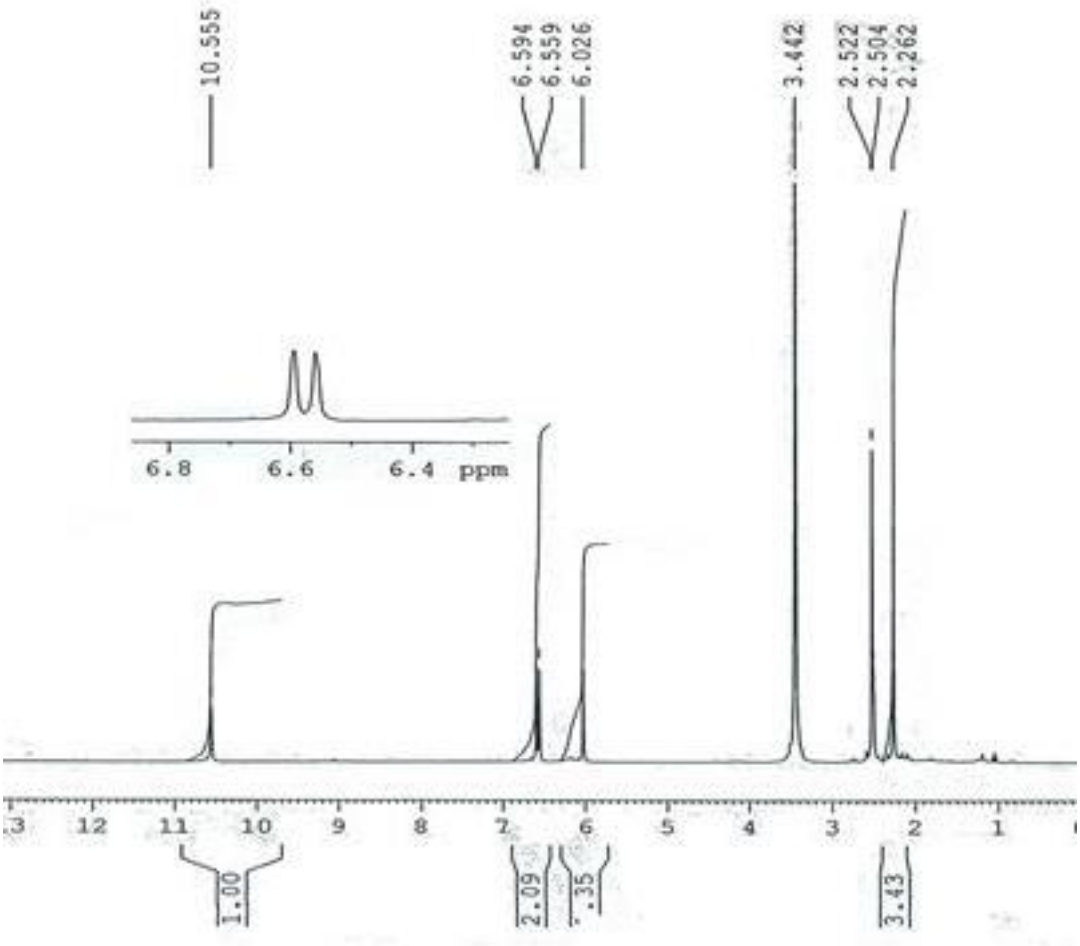

Fig. S3. [1]H NMR of 7-hydroxy-4,5-dimethyl-2*H*-chromen-2-one **(3b)**.

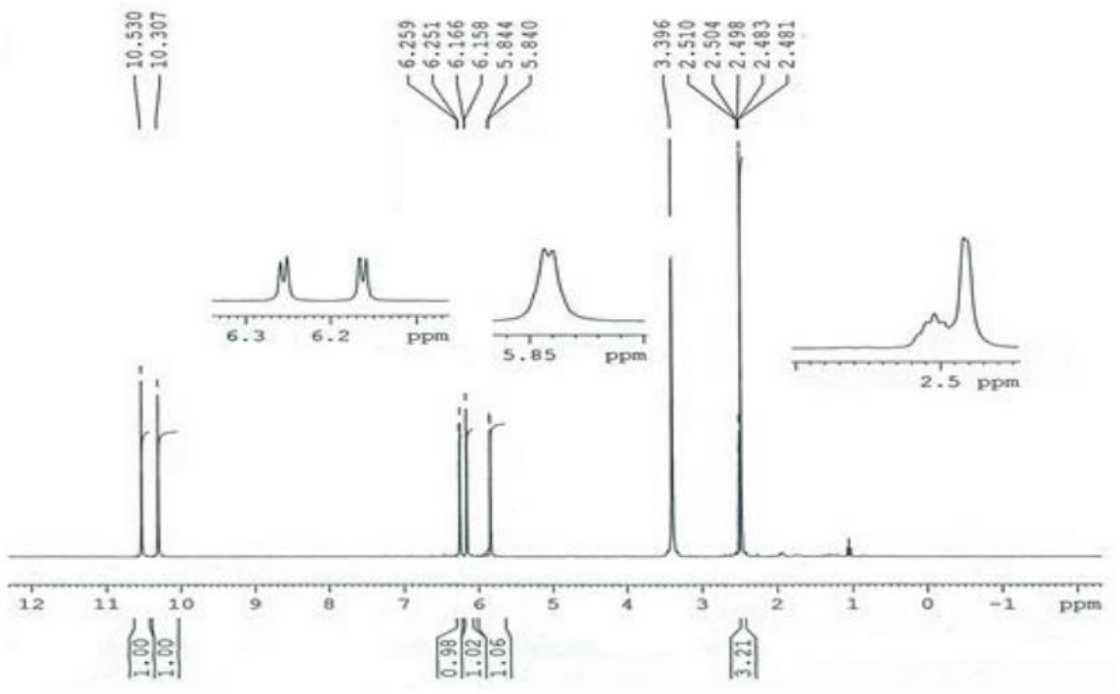

Fig. S4. [1]H NMR of 5,7-dihydroxy-4-methyl-2*H*-chromen-2-one **(3c)**.

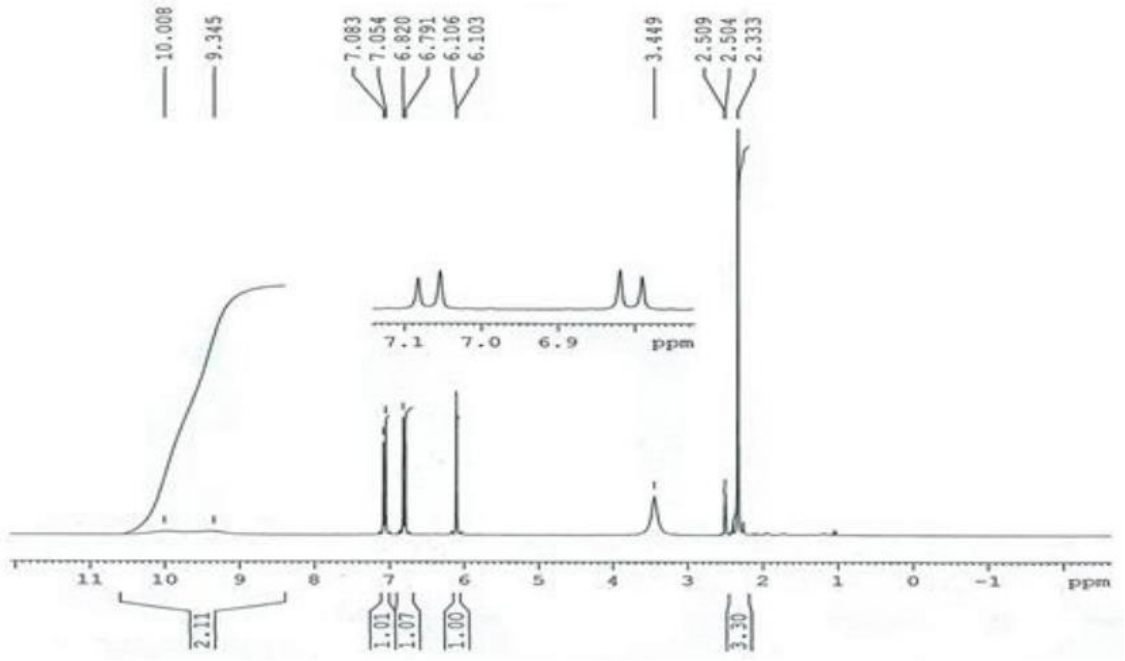

Fig. S5. [1]H NMR of 7,8-dihydroxy-4-methyl-2*H*-chromen-2-one **(3d)**.

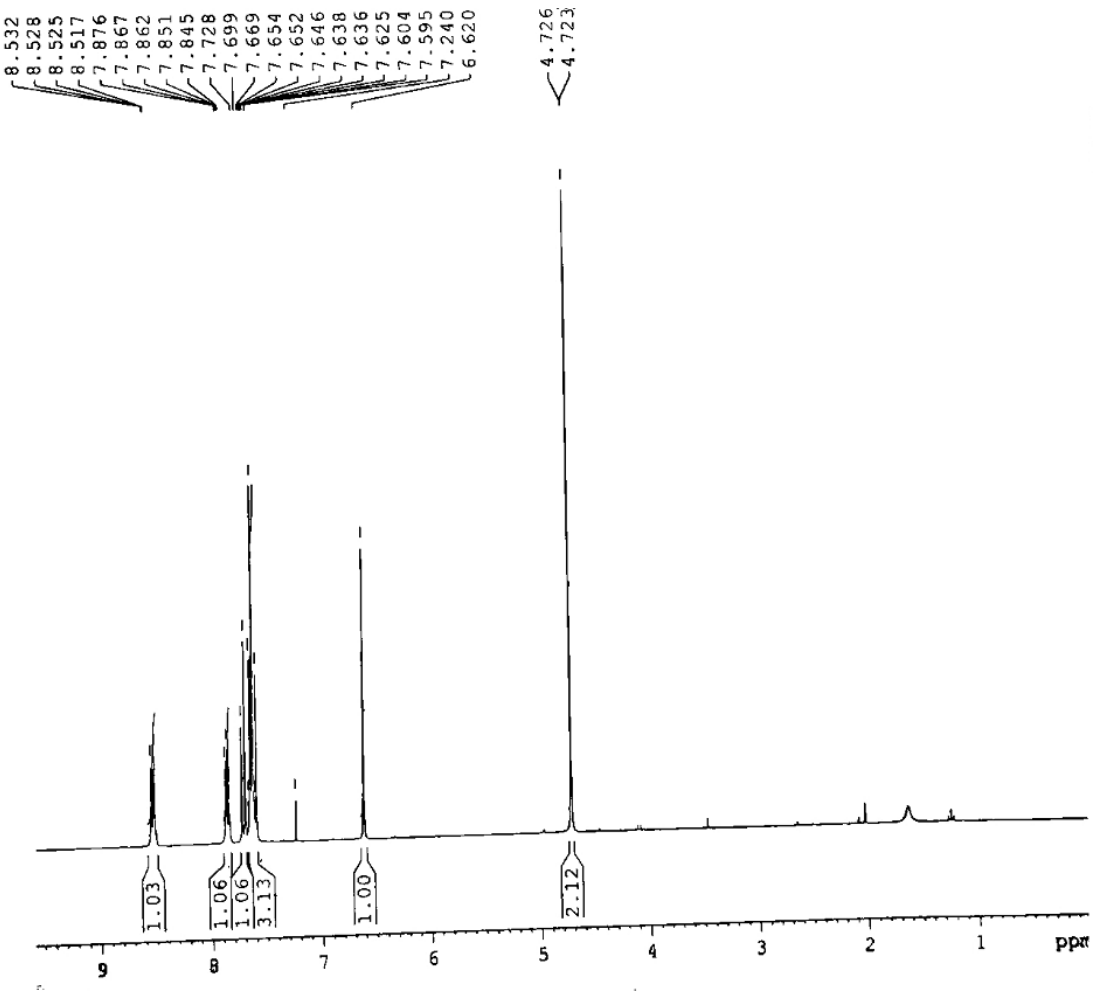

Fig. S6. ^{1}H NMR of 4-(chloromethyl)-2*H*-benzo[*h*]chromen-2-one **(3e)**.

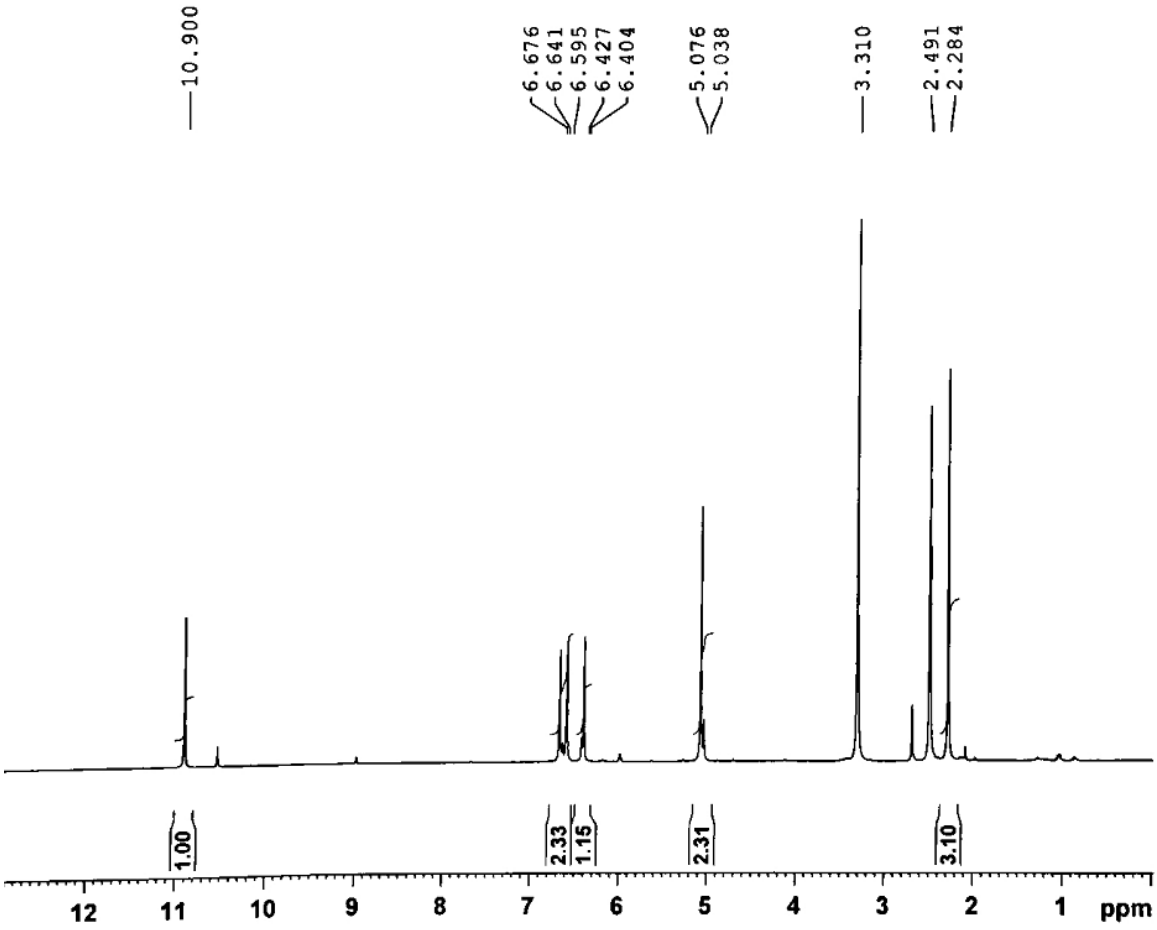

Fig. S7. ^{1}H NMR of 4-(chloromethyl)-7-hydroxy-5-methyl-2*H*-chromen-2-one **(3f)**.

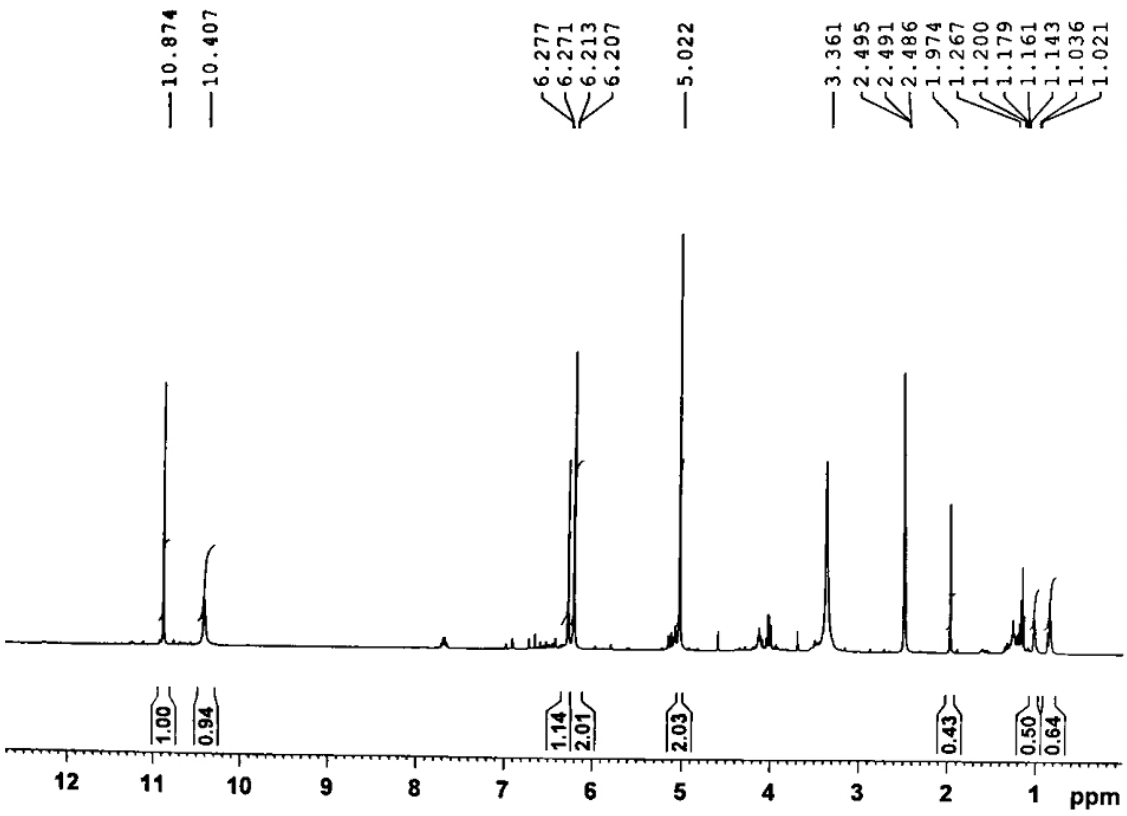

Fig. S8. ^{1}H NMR of 4-(chloromethyl)-5,7-dihydroxy-2*H*-chromen-2-one **(3g)**.

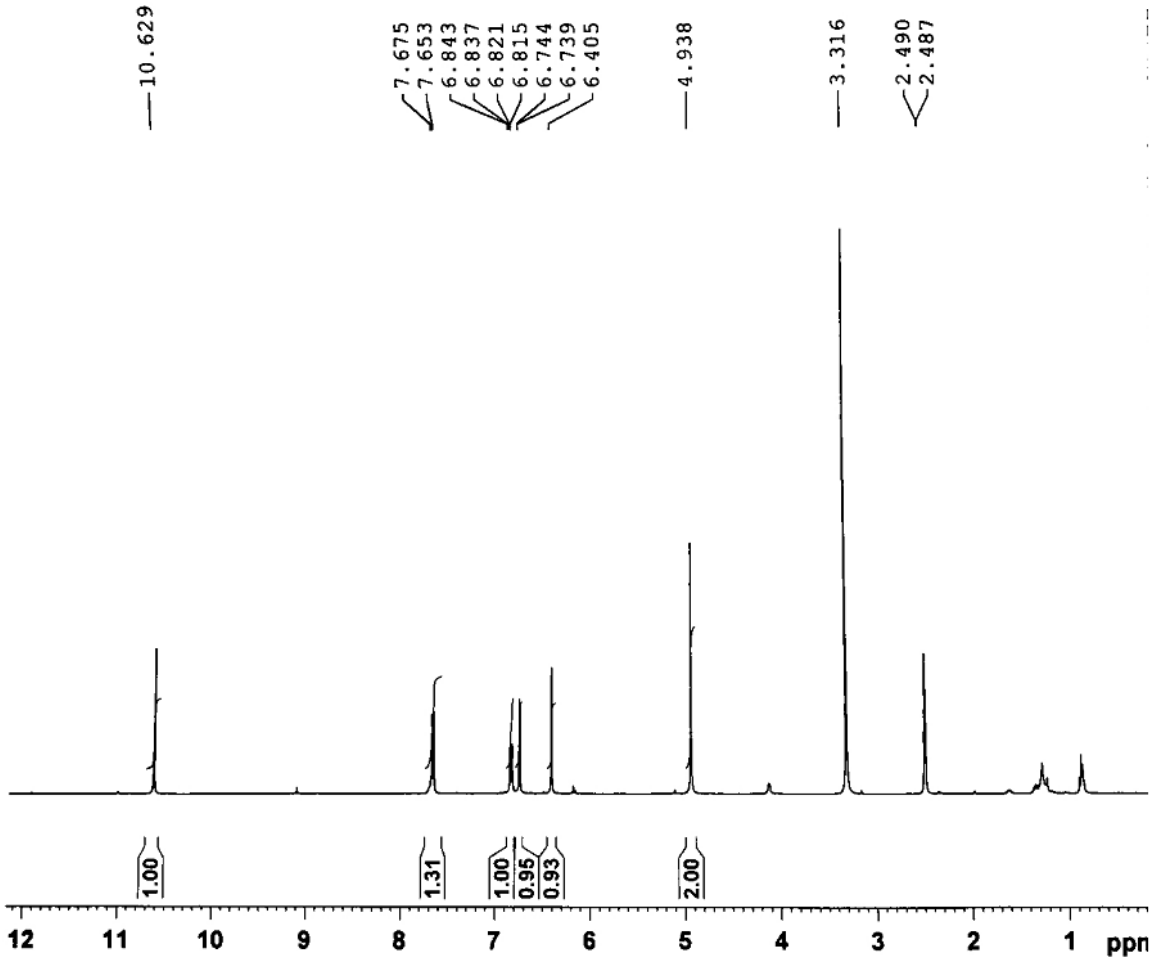

Fig. S9. ^{1}H NMR of 4-(chloromethyl)-7-hydroxy-2*H*-chromen-2-one **(3h)**.

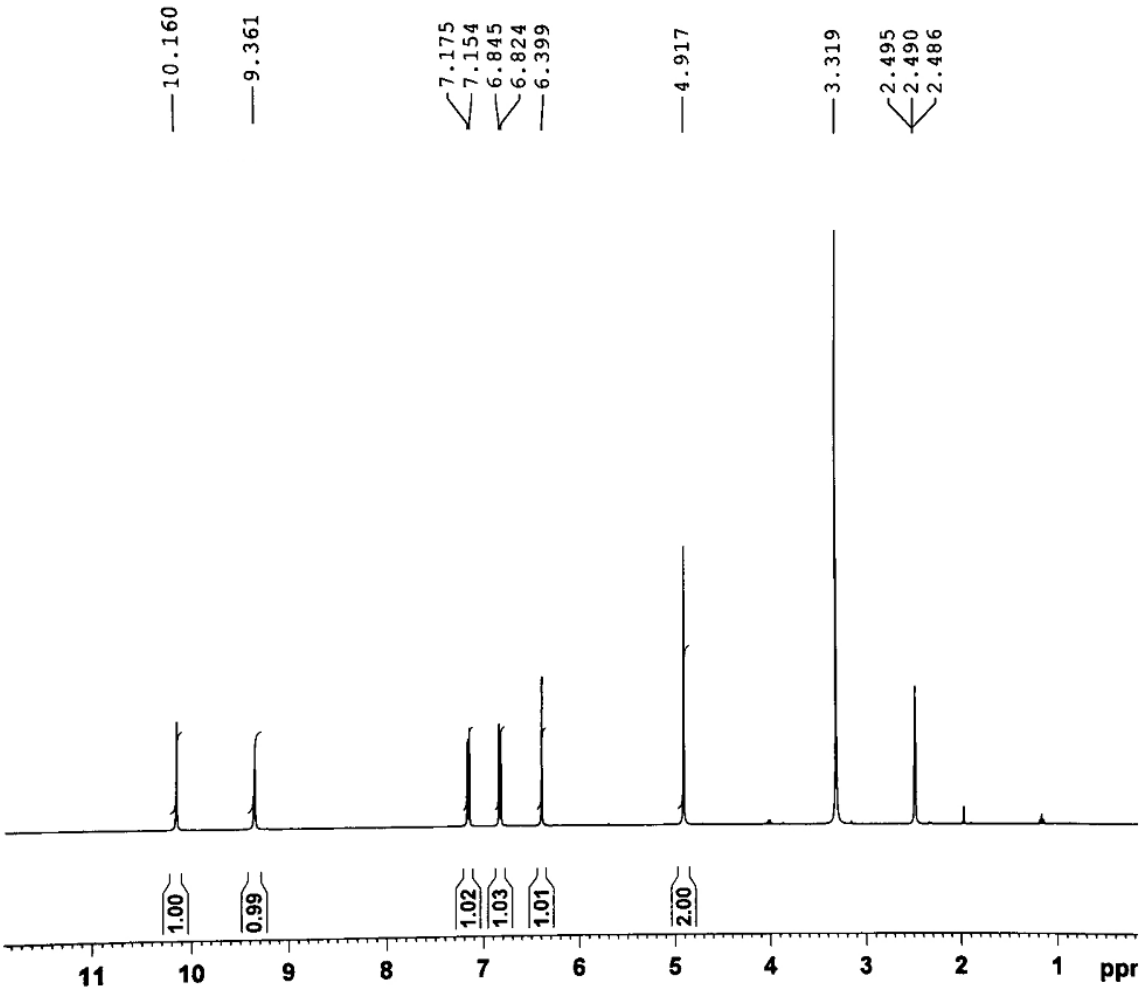

Fig. S10. ^{1}H NMR of 4-(chloromethyl)-7,8-dihydroxy-2*H*-chromen-2-one **(3i)**.