# Divergent Synthesis of Novel 9-Deazaxanthine Derivatives via Late-Stage Cross-Coupling Reactions

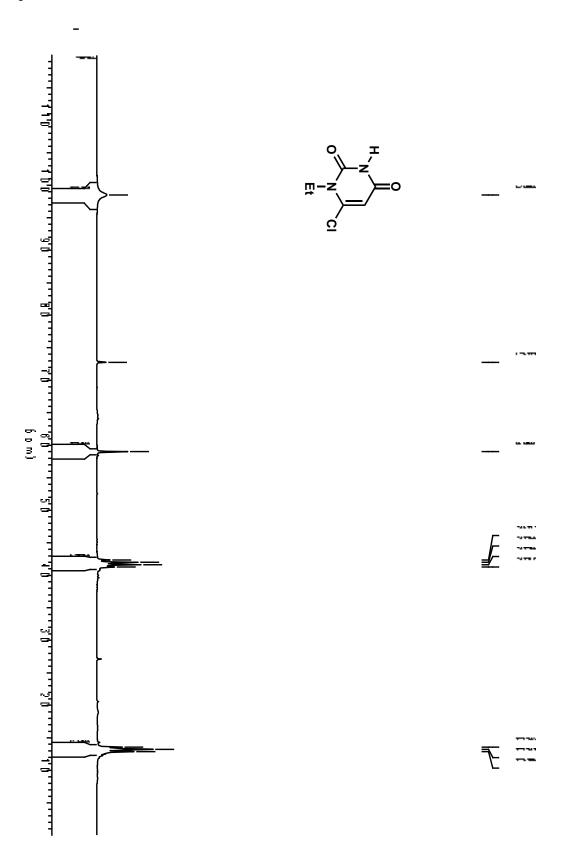
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<sup>§</sup>Department of Biomolecular Sciences, University of Urbino, P.zza Rinascimento 6, 61029 Urbino (PU), Italy,

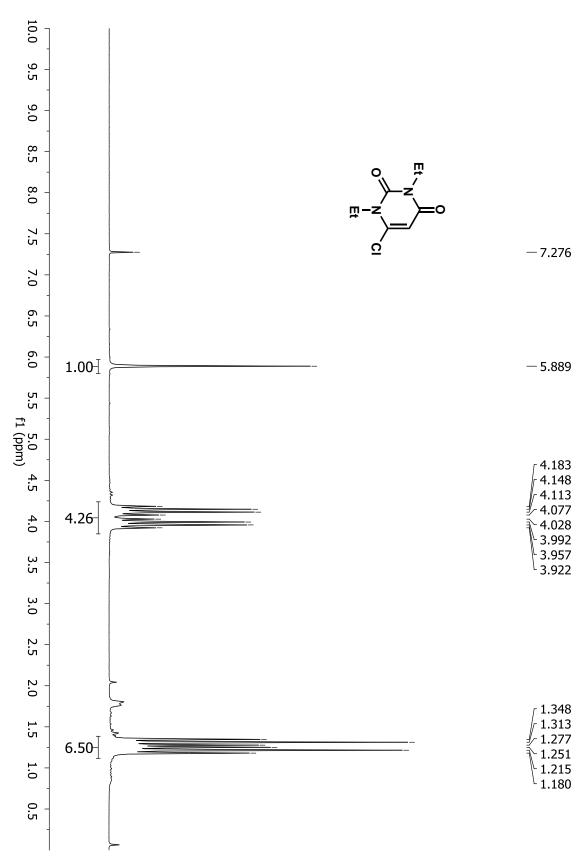
†Chemistry & Analytical Development Department, Sigma-Tau, Via Pontina Km 30,400, 00040 Pomezia, Roma, Italy
and Dipartimento Farmaceutico, Università degli Studi di Parma, Viale G.P.Usberti 27/A, I-43124 Parma, Italy

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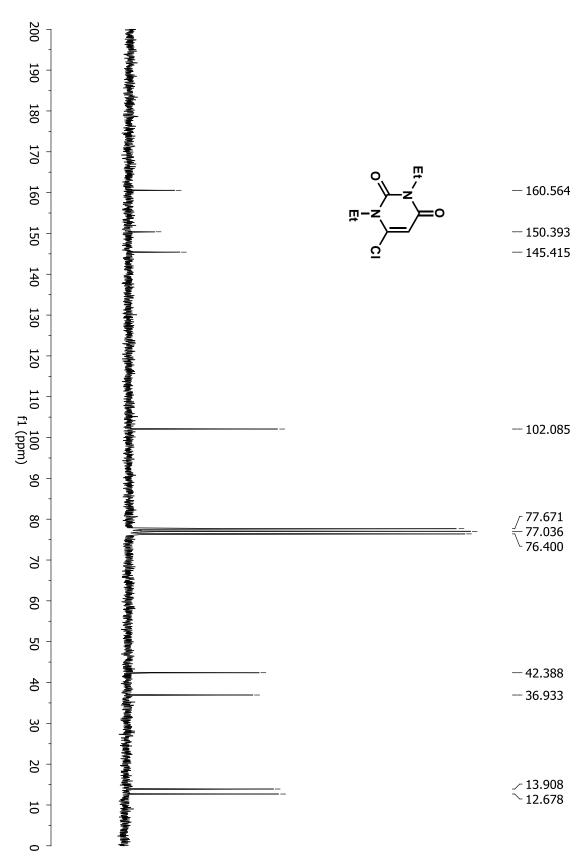
# Compound 2



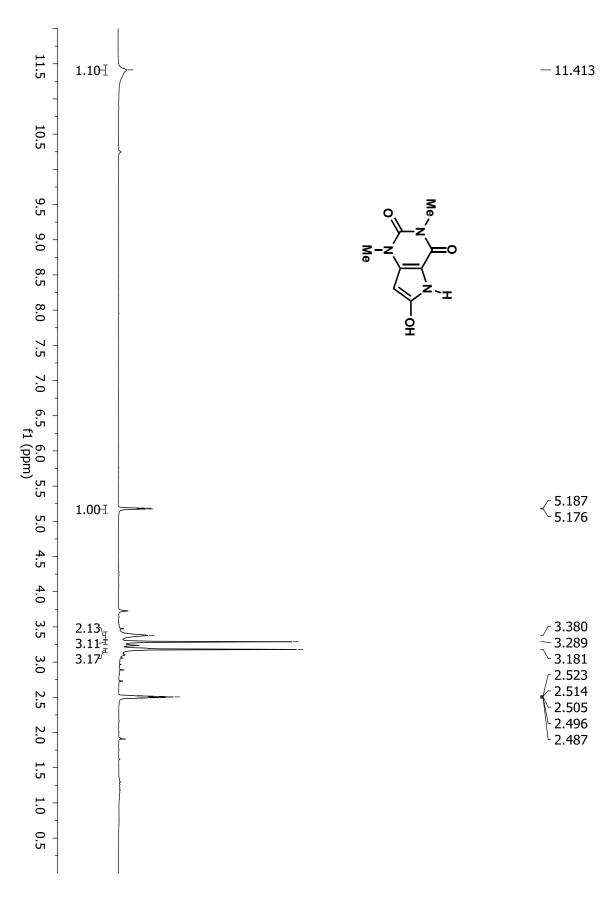




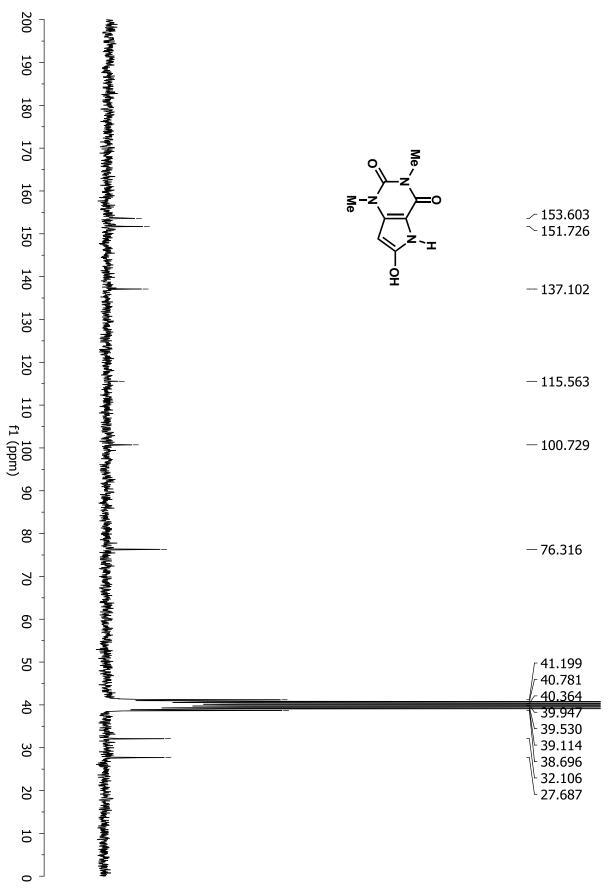
### Compound 3b



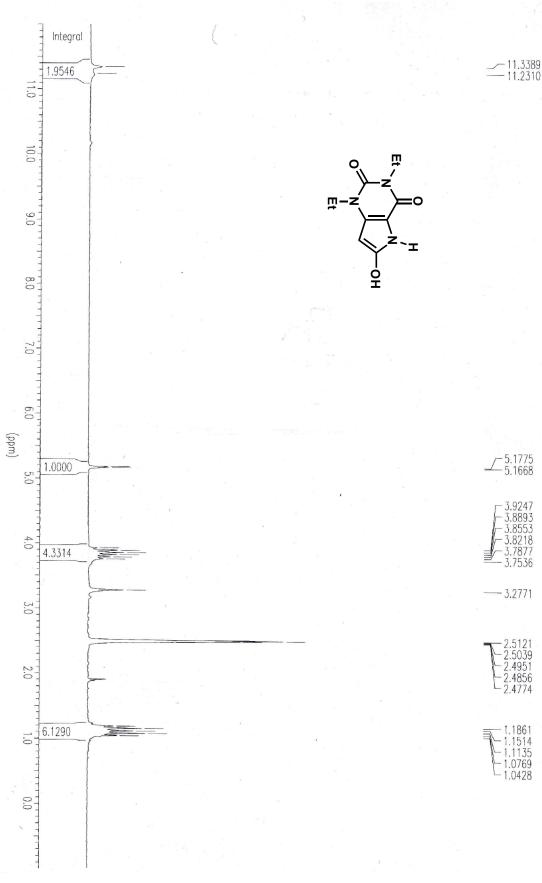
### Compound 6a



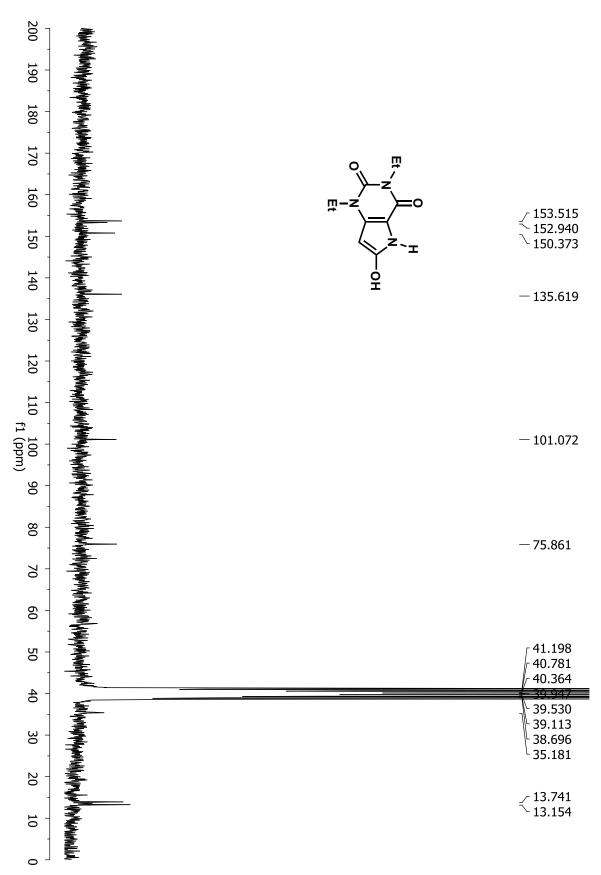




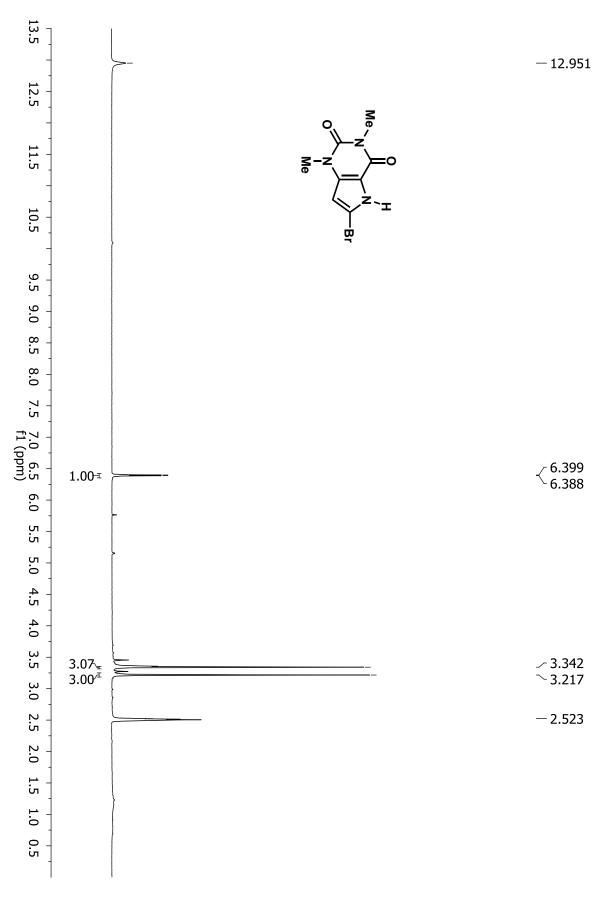
### Compound 6b



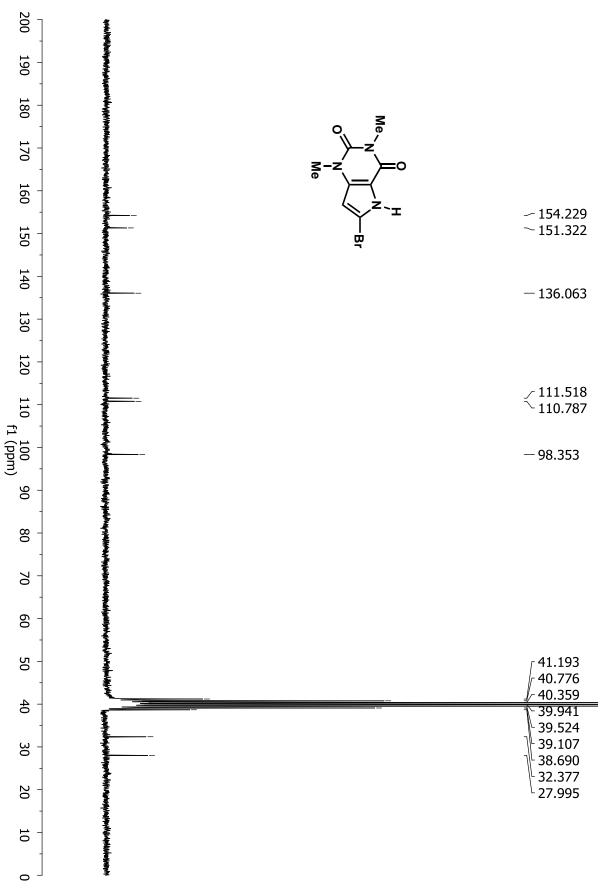




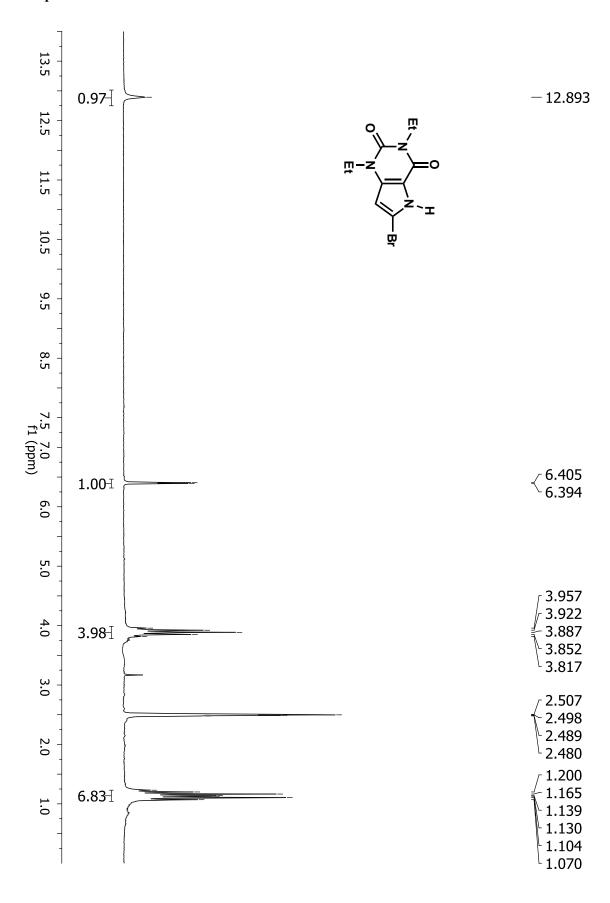
### Compound 7a



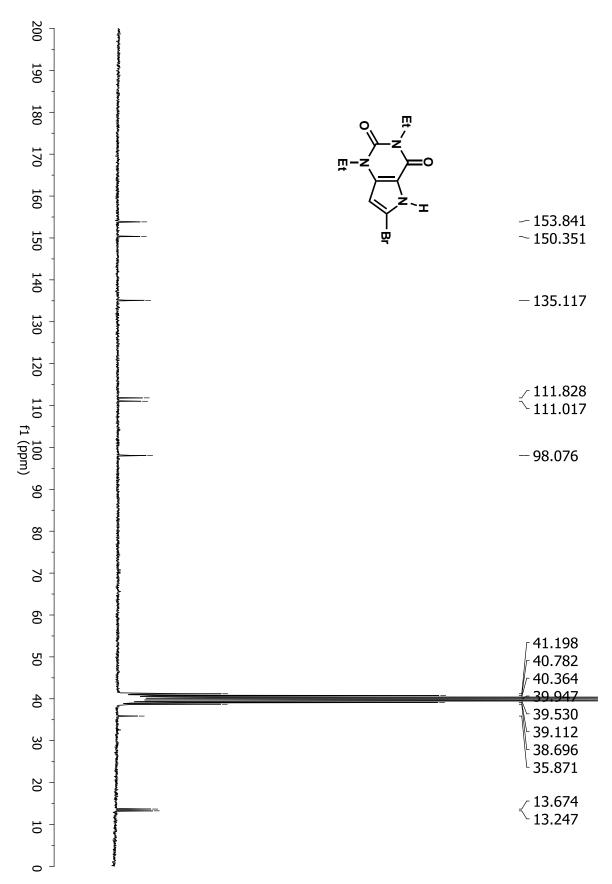




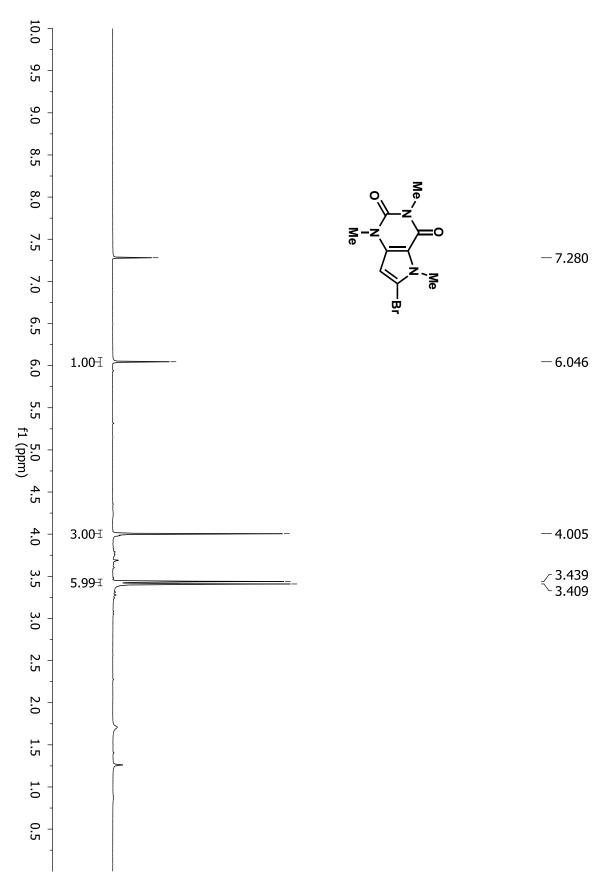
### Compound 7b



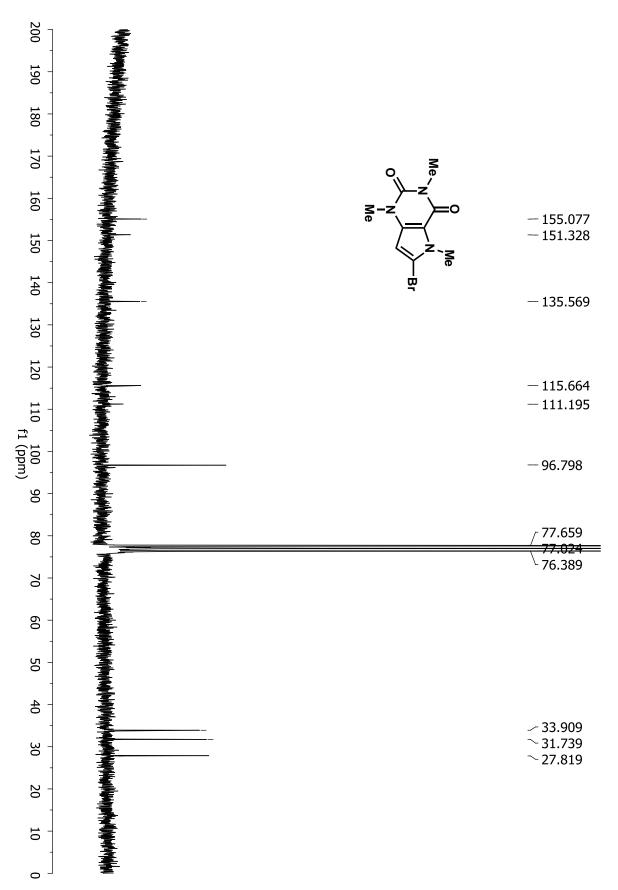




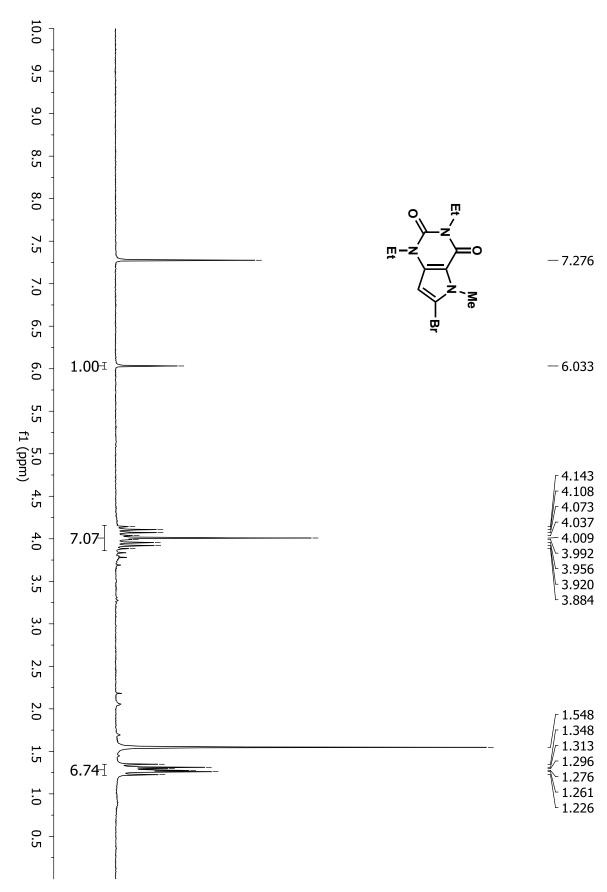




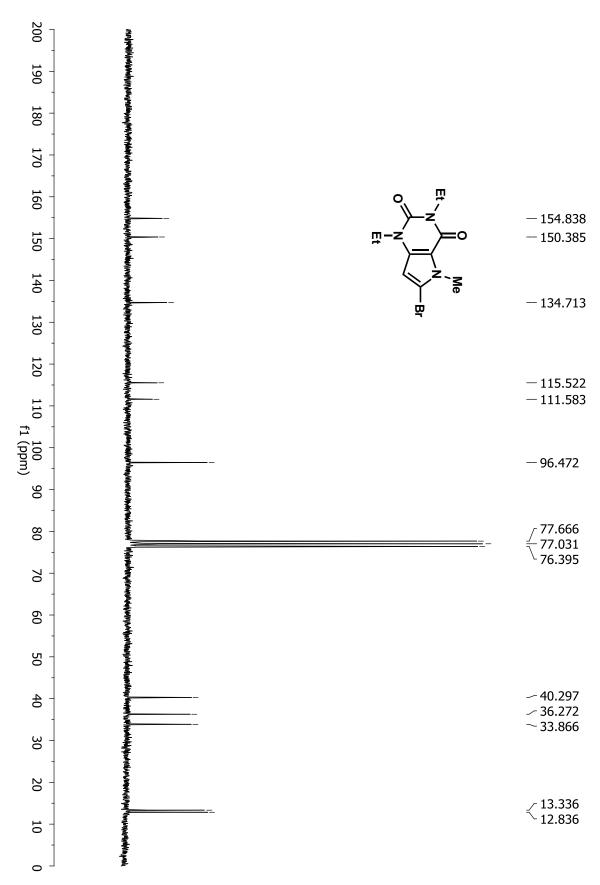
### Compound 8a



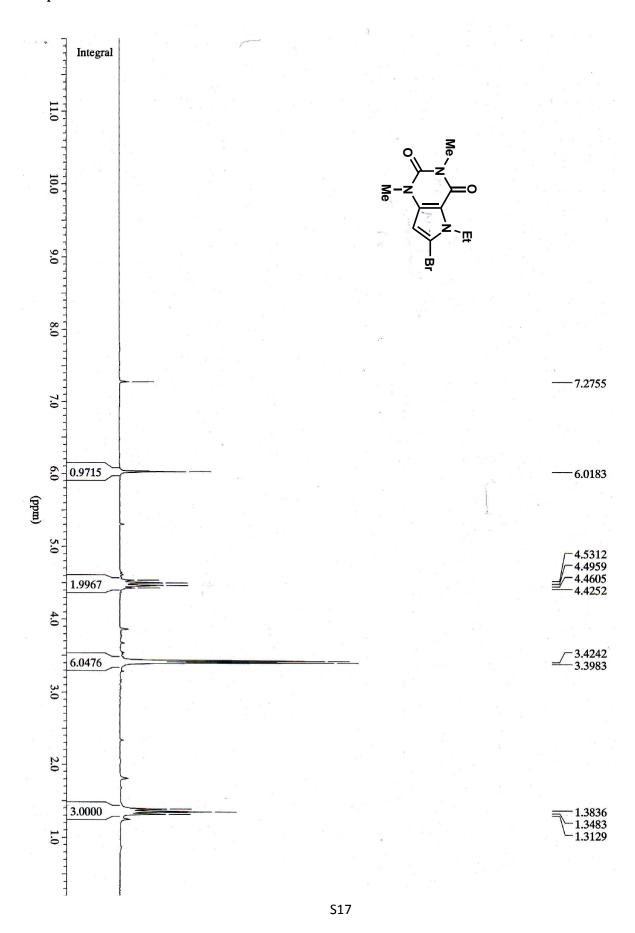




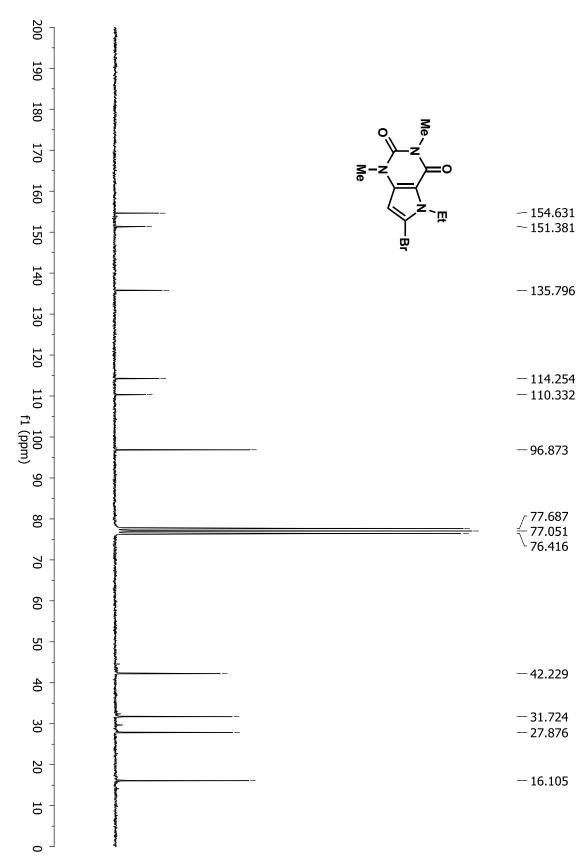
### Compound 8b



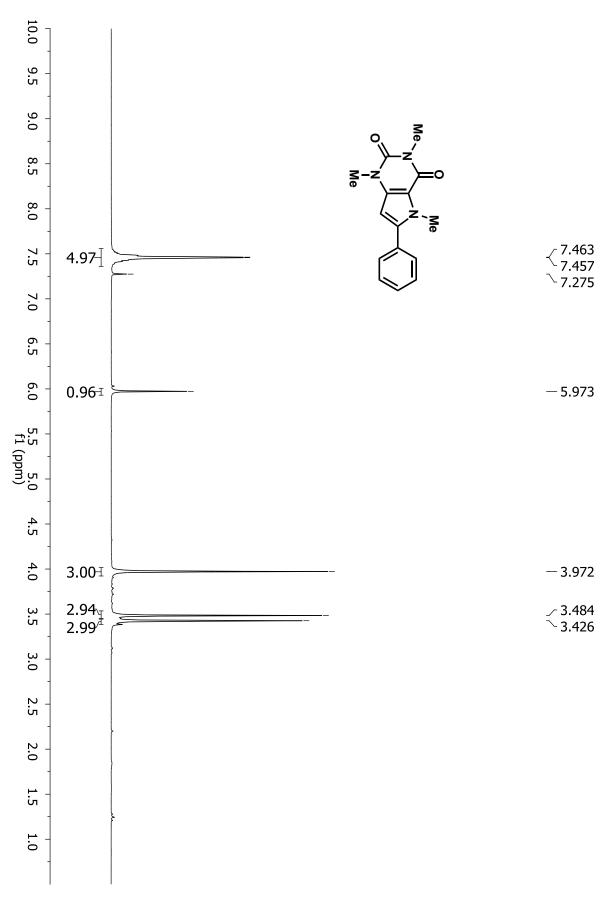
### Compound 8c



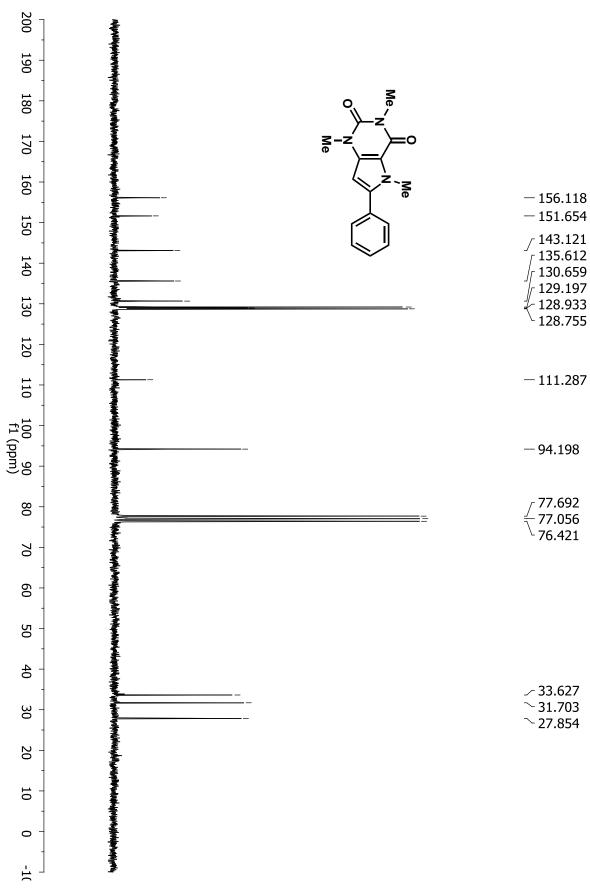




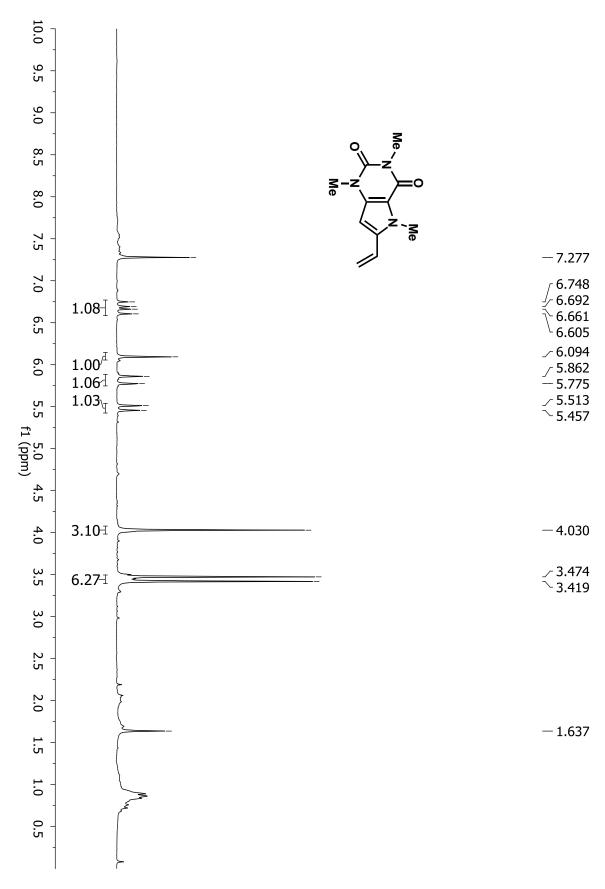
### Compound 9a



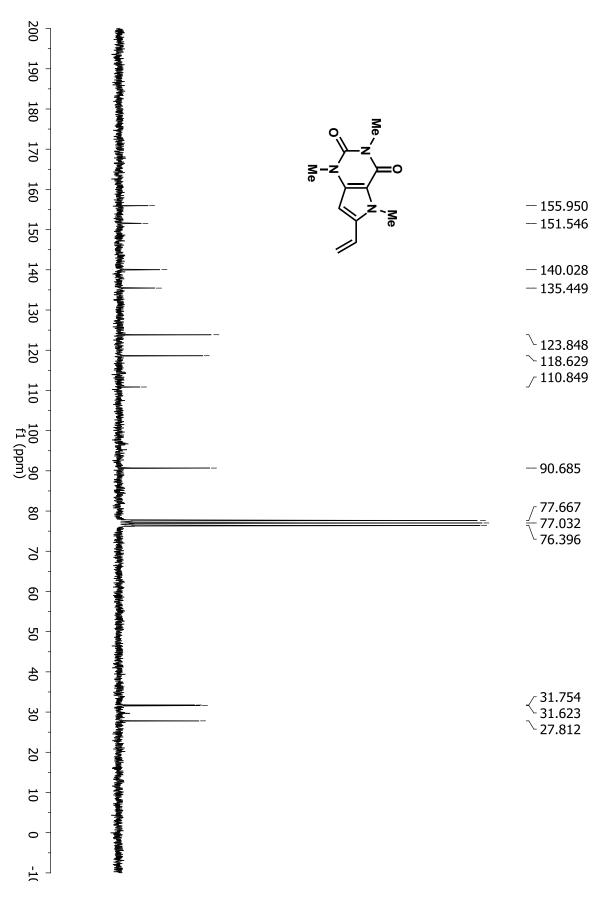




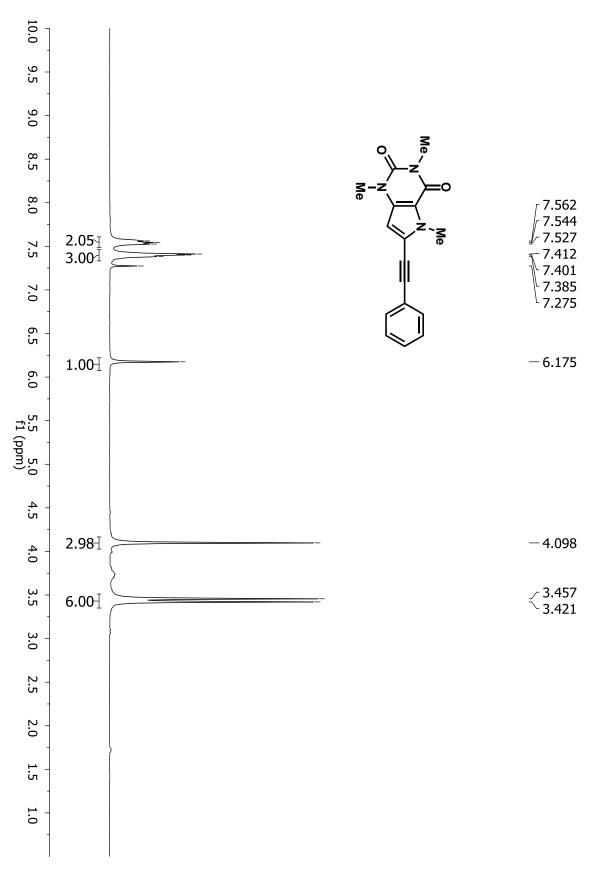




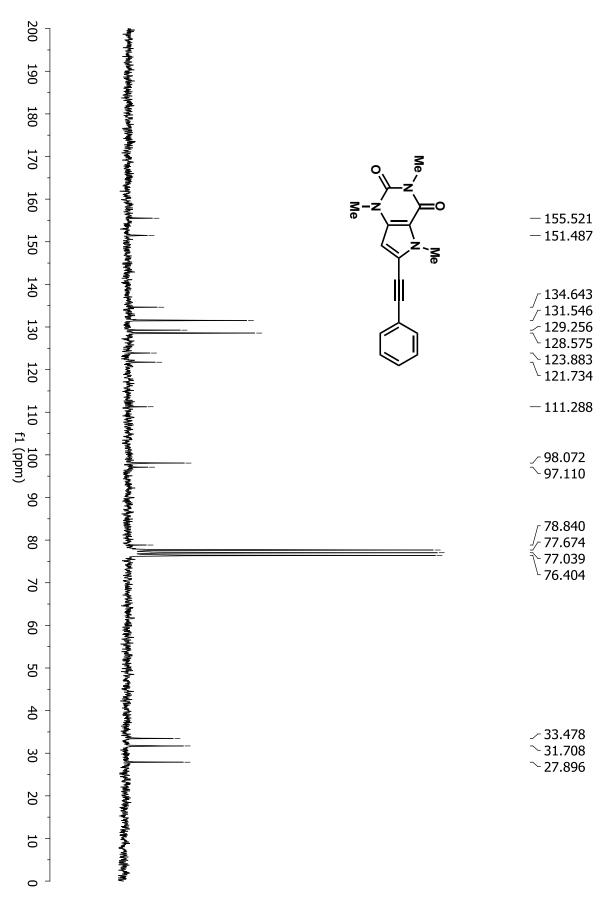




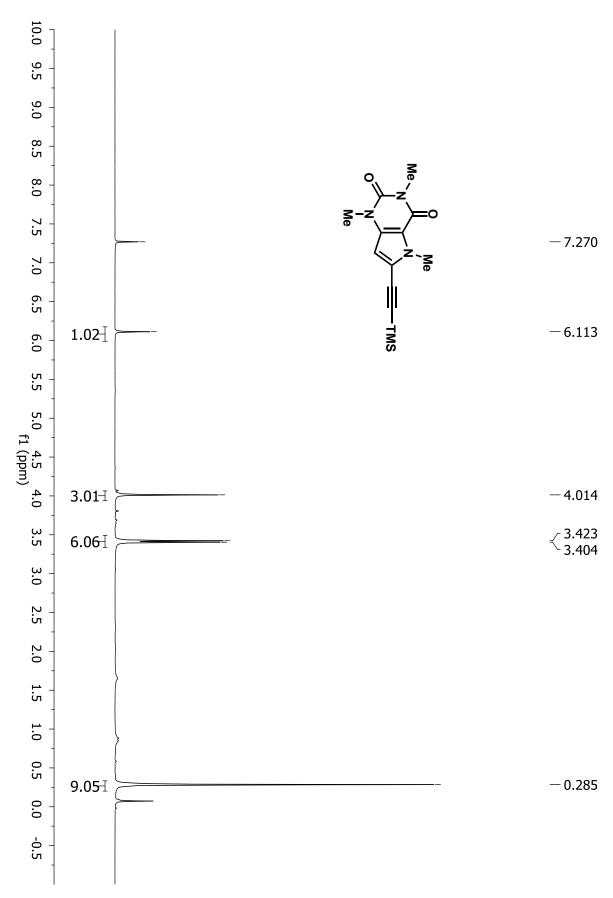




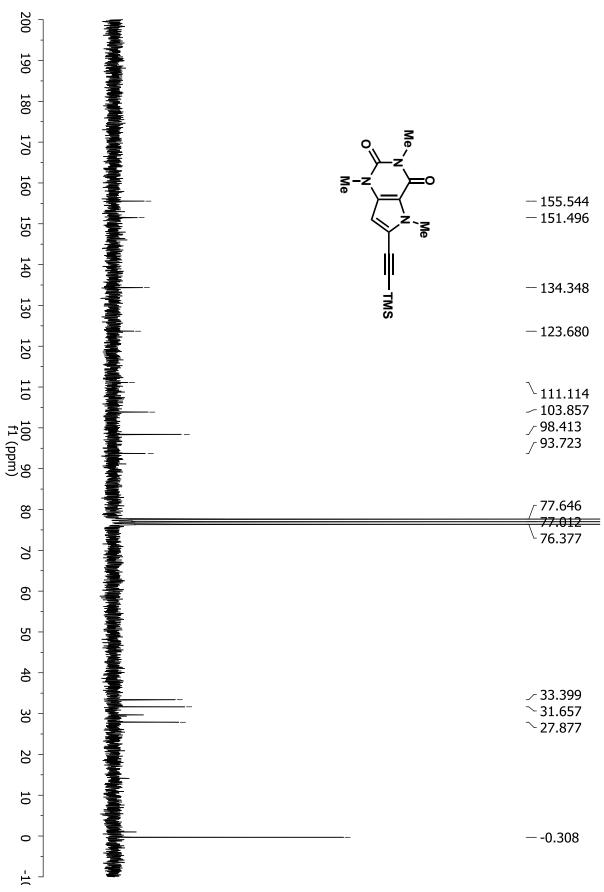




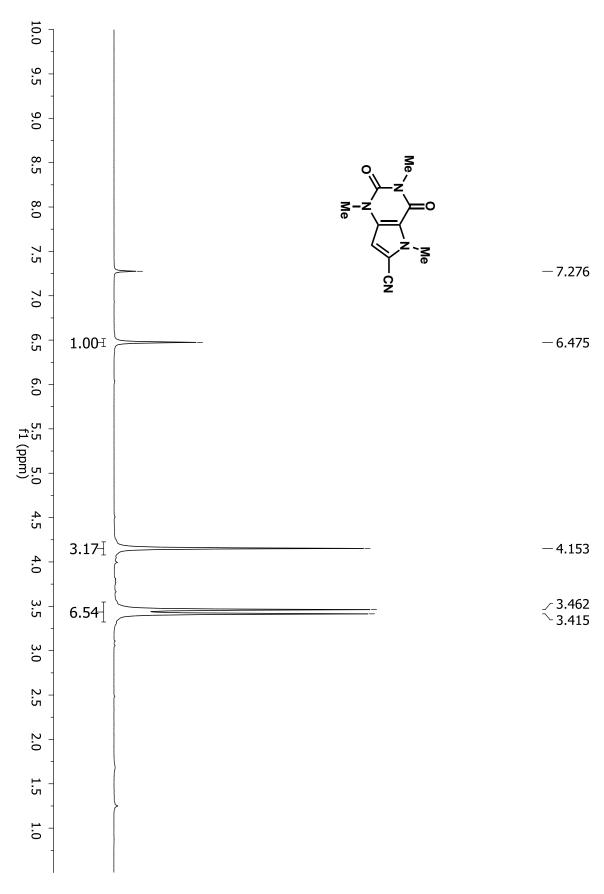
### Compound 9d



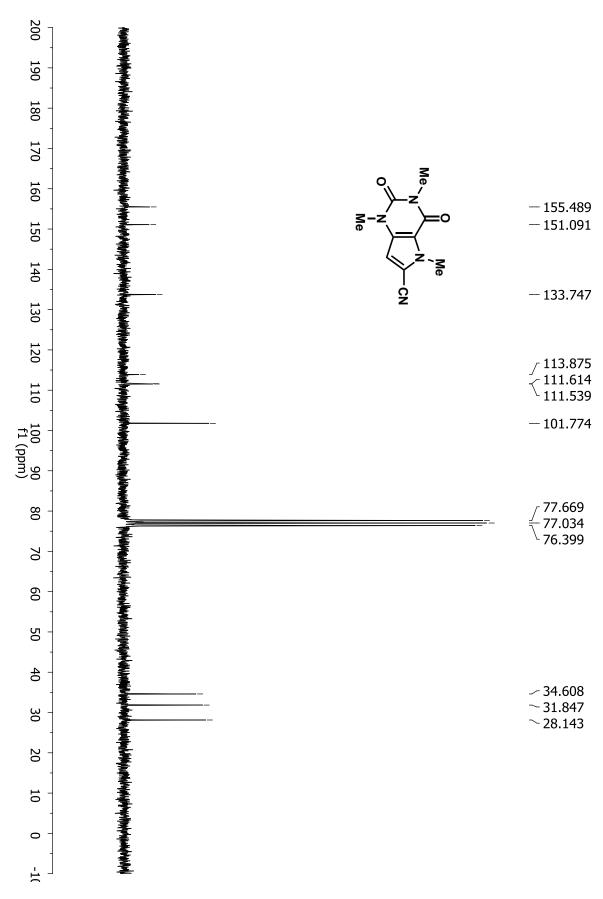




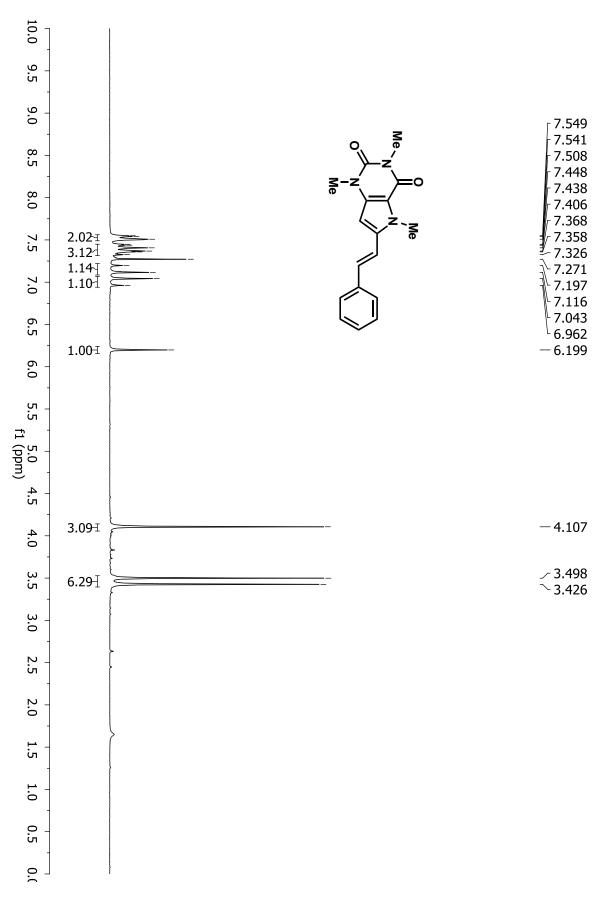
### Compound 9e



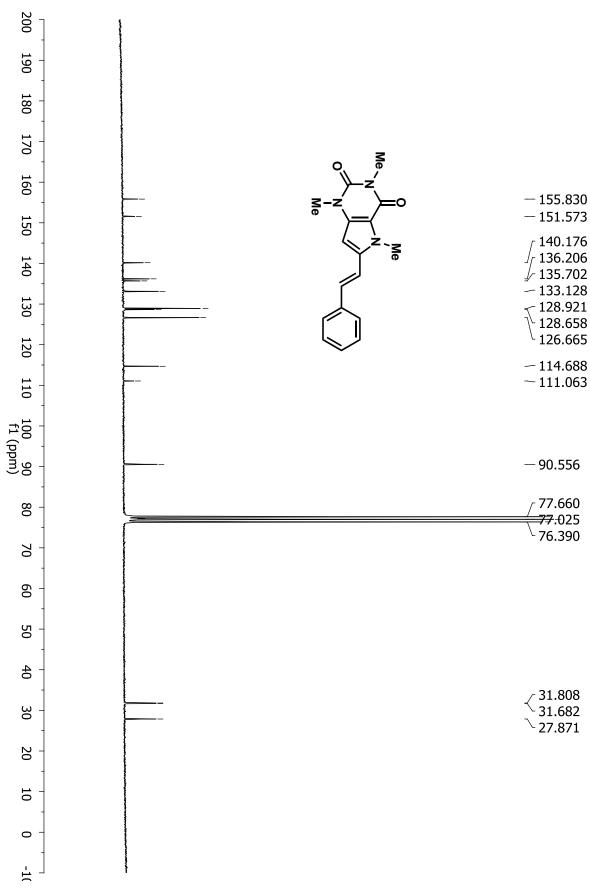




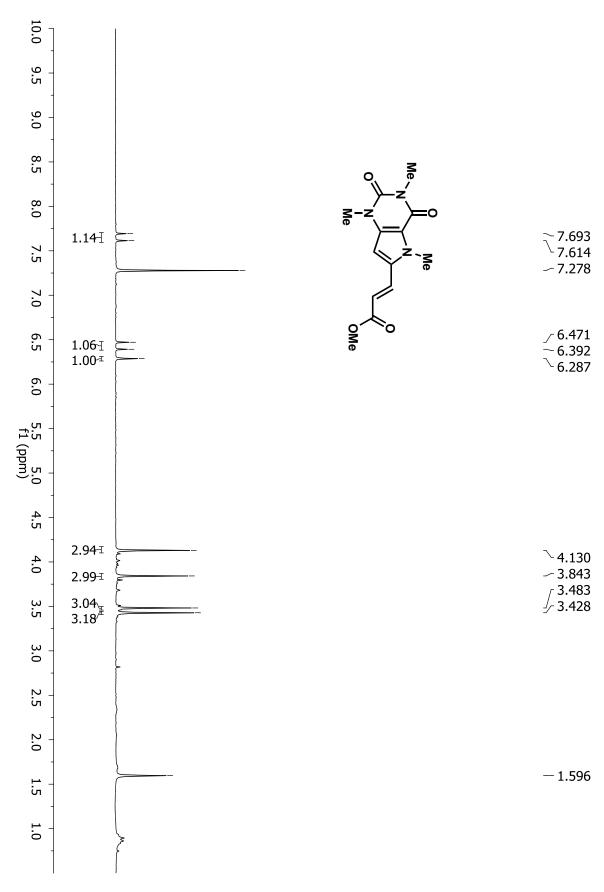




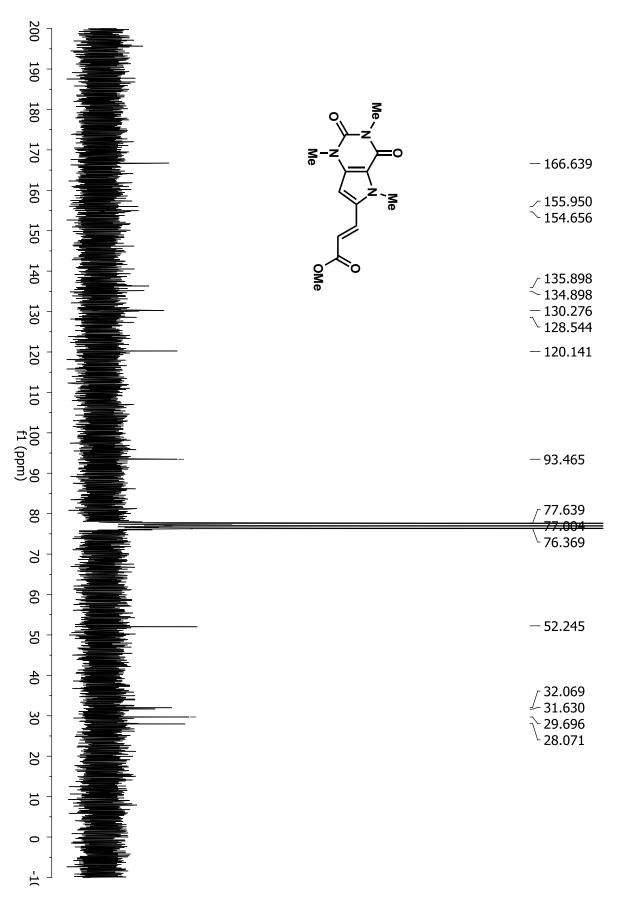




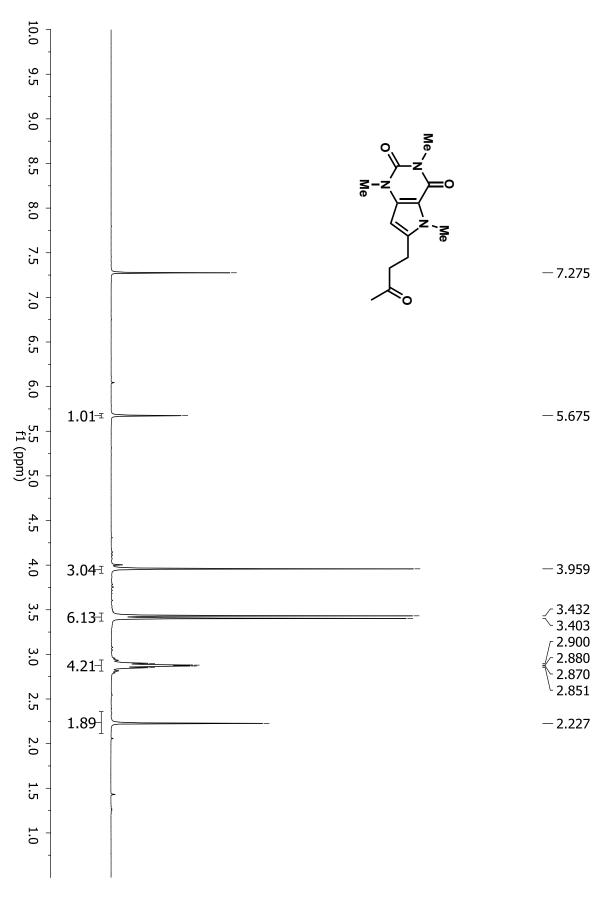




## Compound 9g



### Compound 9h



### Compound 9h

