

Extended fluorescent uridine analogues: Synthesis, photo-physical properties and selective interaction with BSA protein

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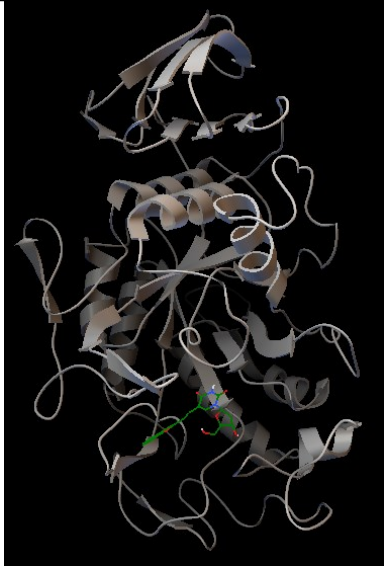
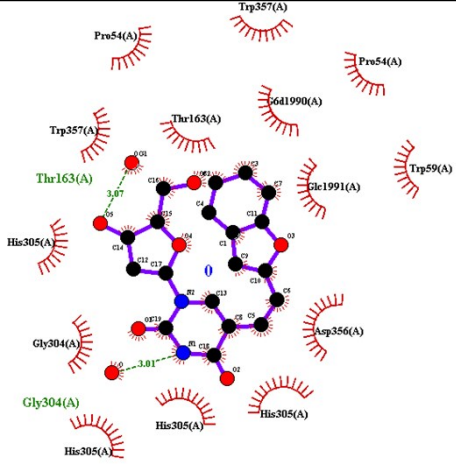

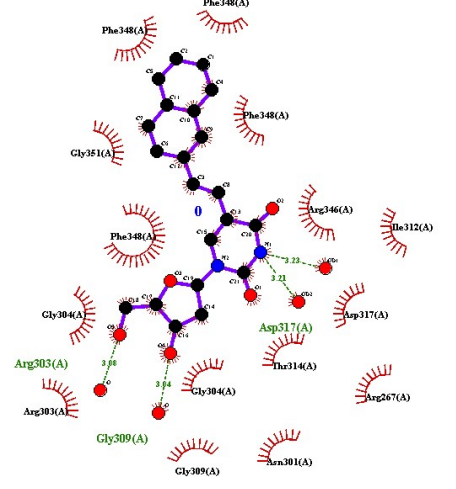
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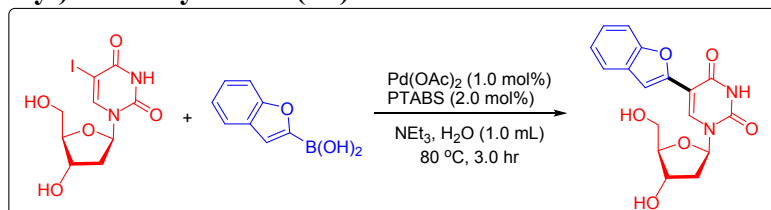
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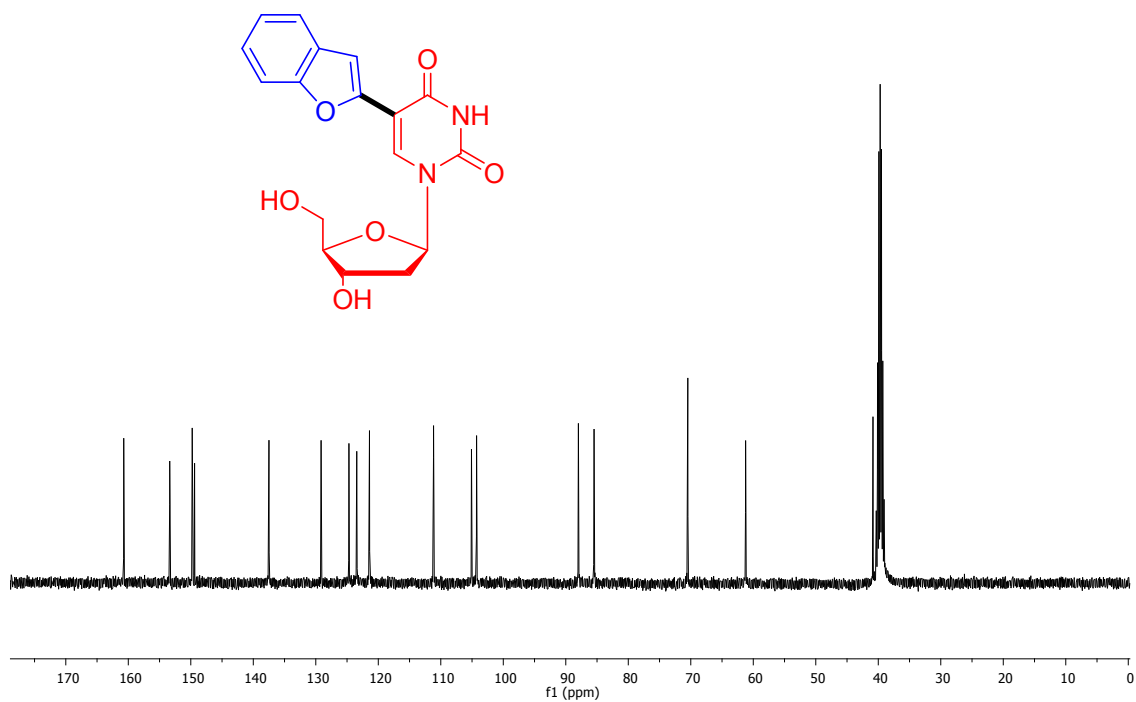
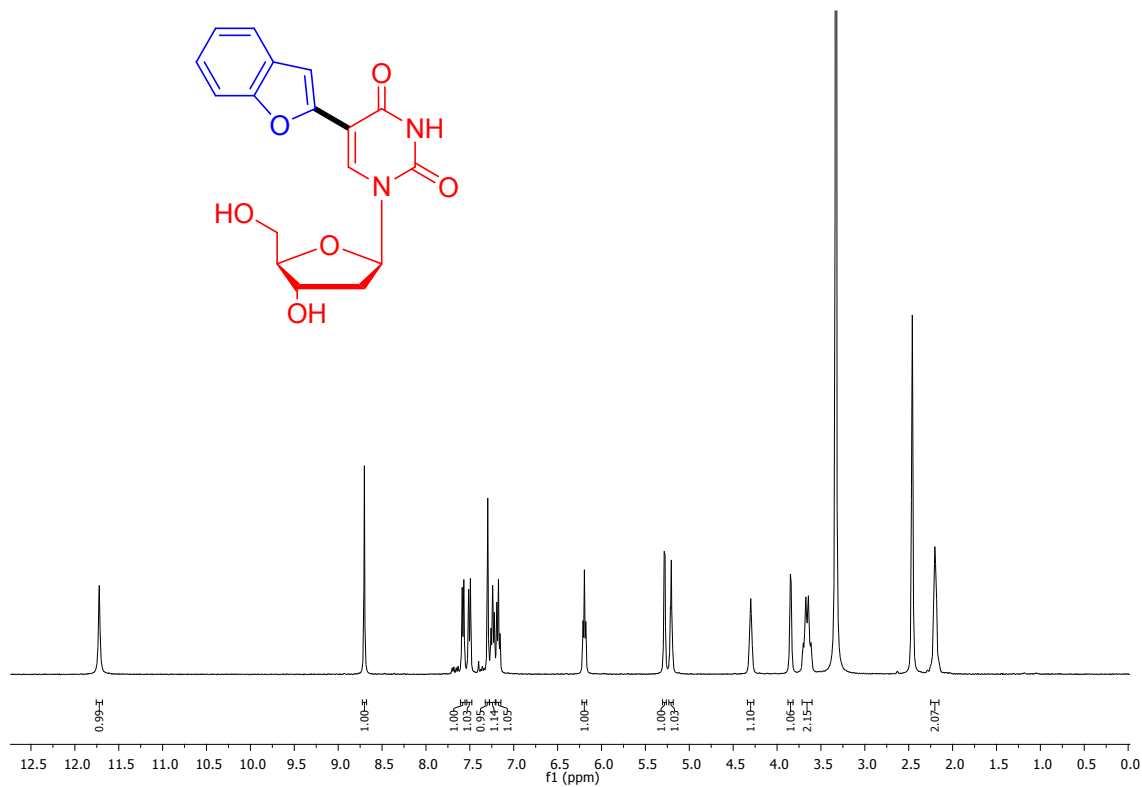
1g and 1h docking with α -amylase

Molecule	Ribbon	H-bonding	Affinity (kcal/mol)
1g			-7.1
1h			-8.0

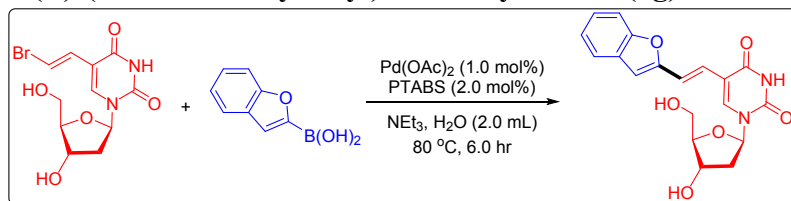
NMR Spectra:

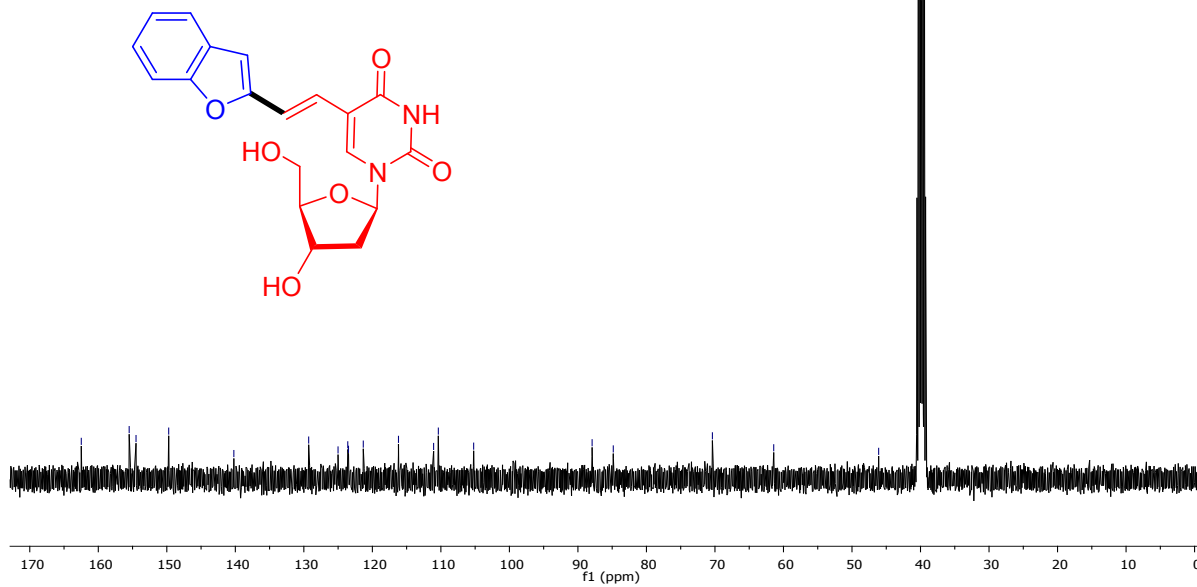
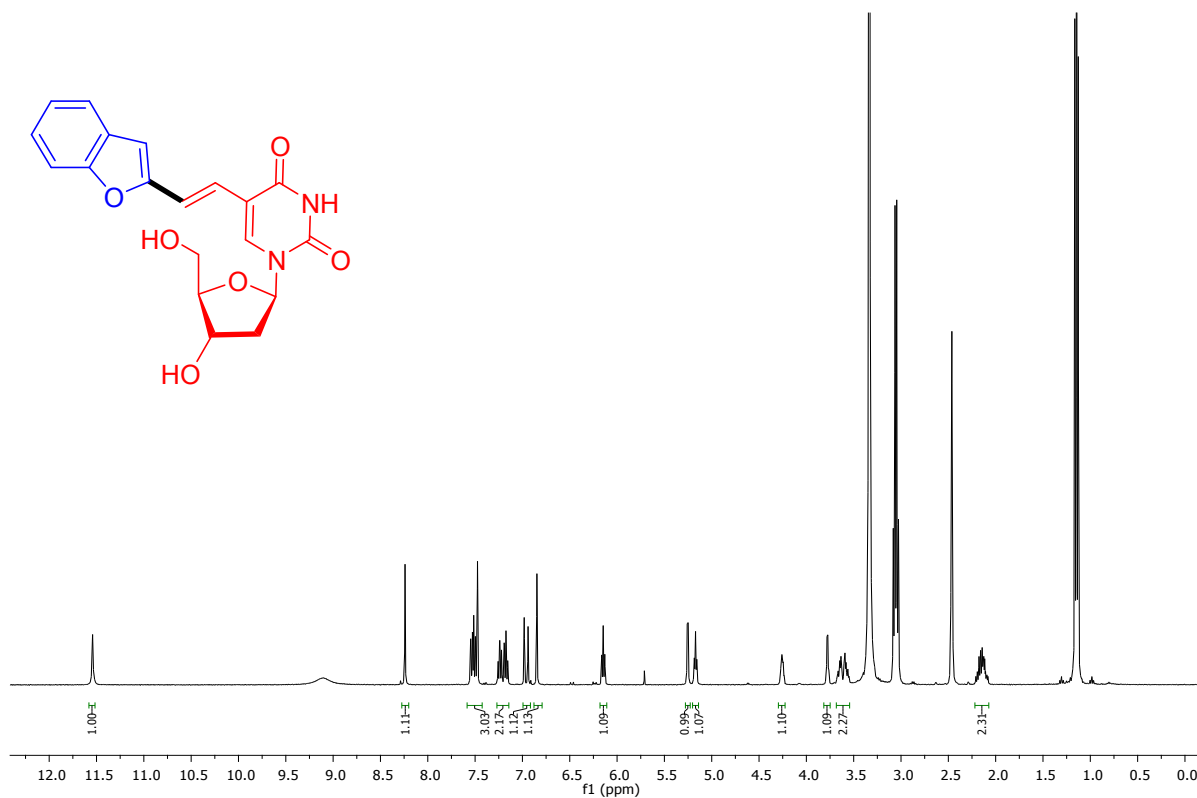
5-(2-Benzofuranyl)-2'-deoxyuridine(1b):



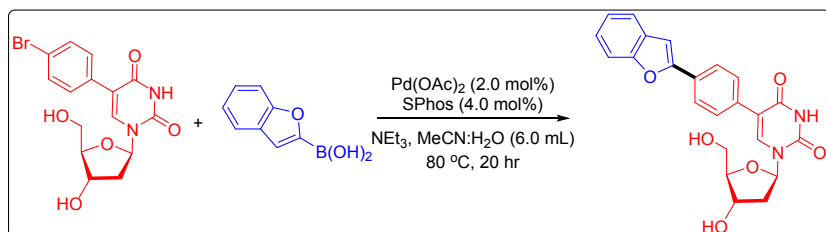


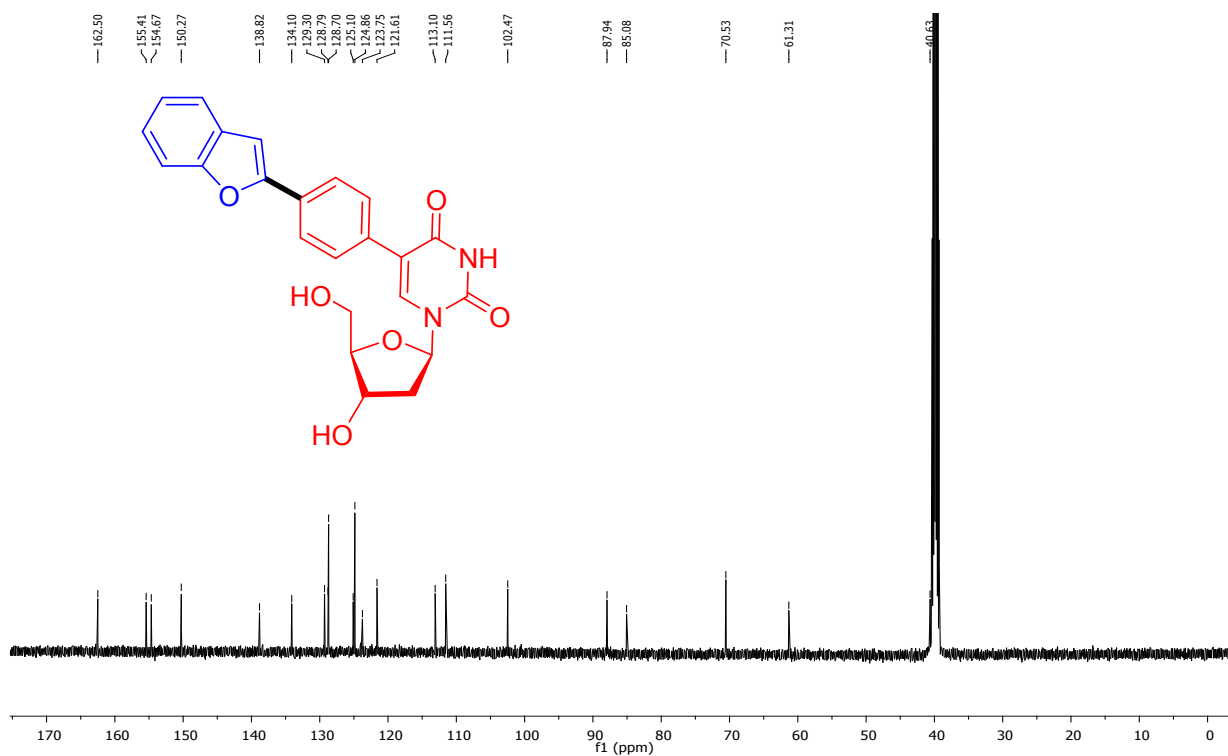
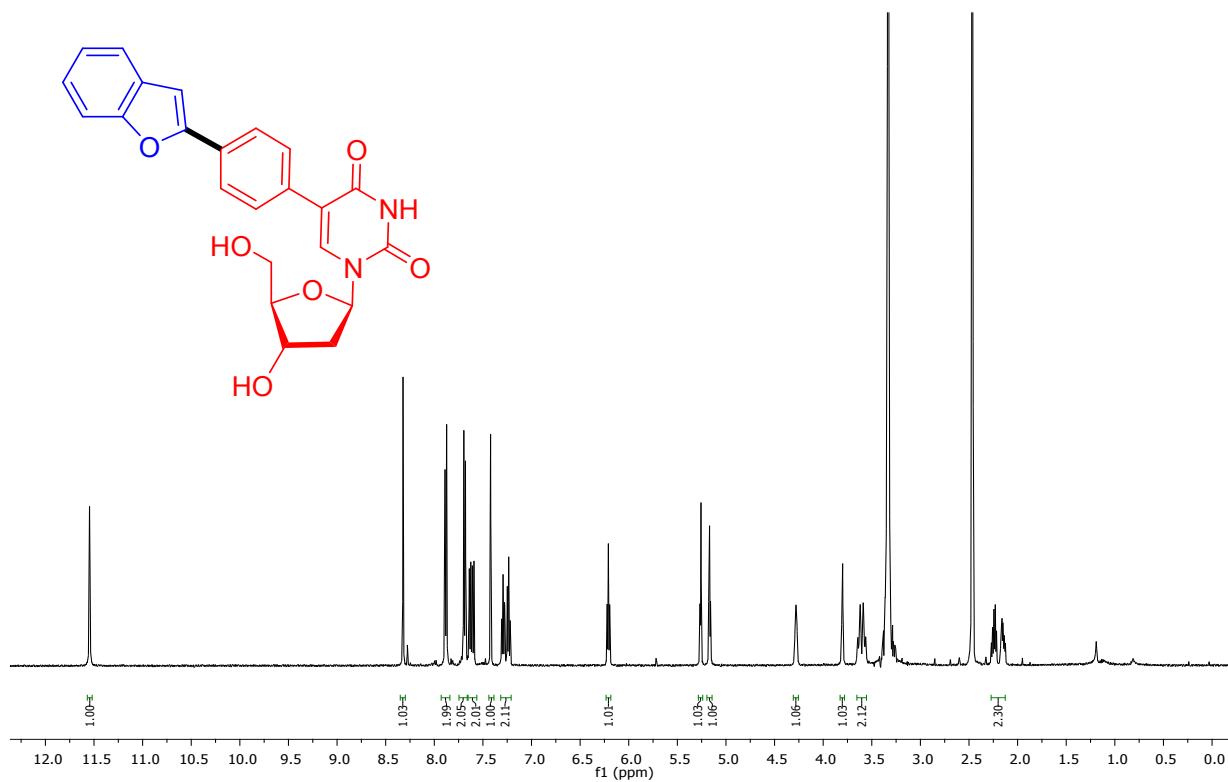
5-(*E*)-(2-benzofuranylvinyloxy)-2-deoxyuridine (1g)



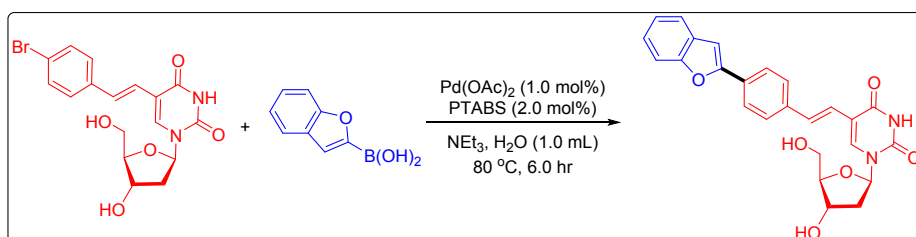


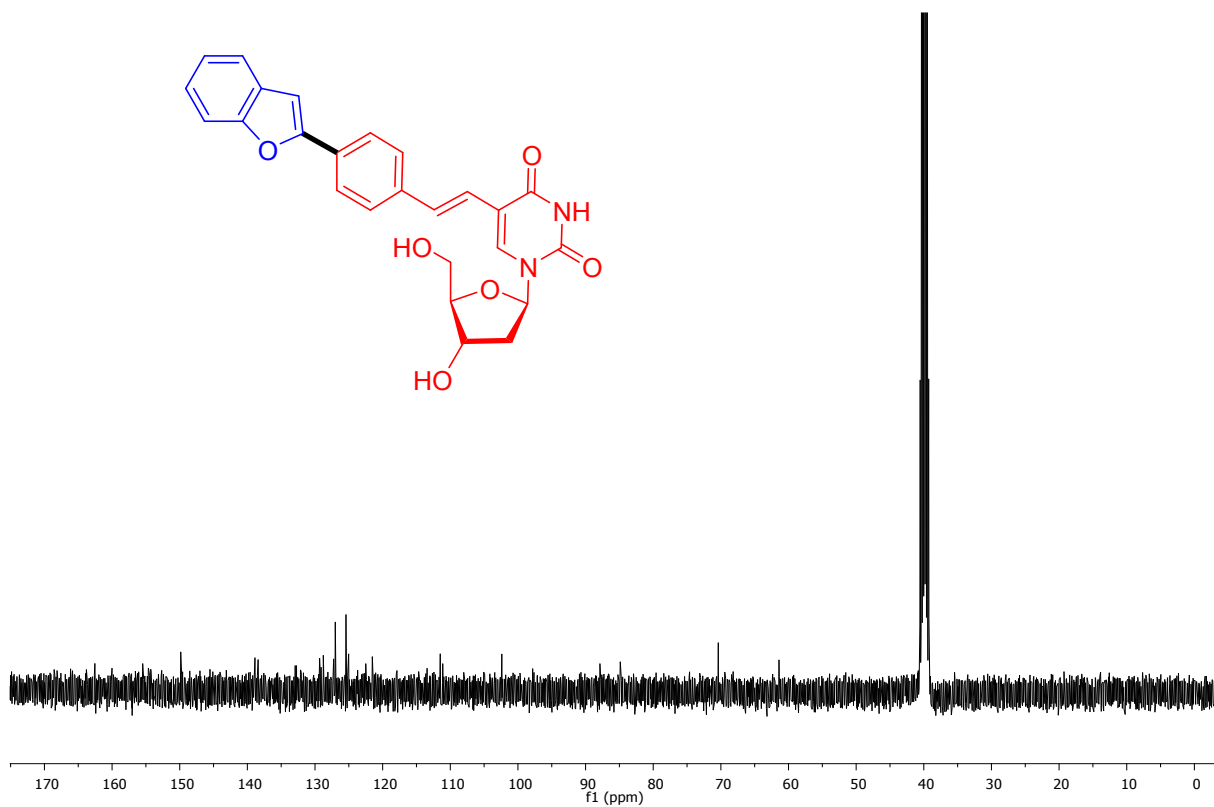
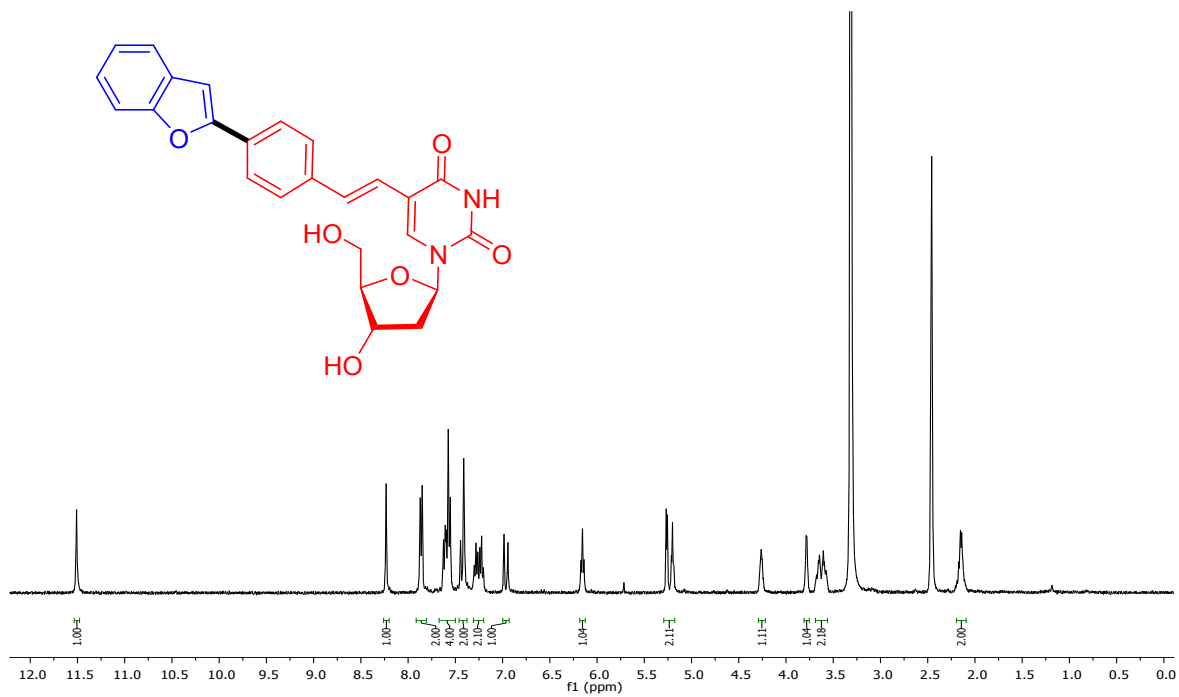
5-(4-(2-benzofuranyl)phenyl)-2'-deoxyuridine:(1k)



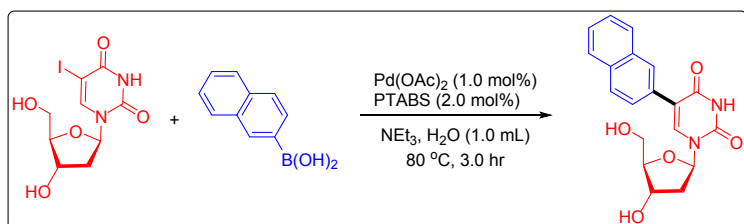


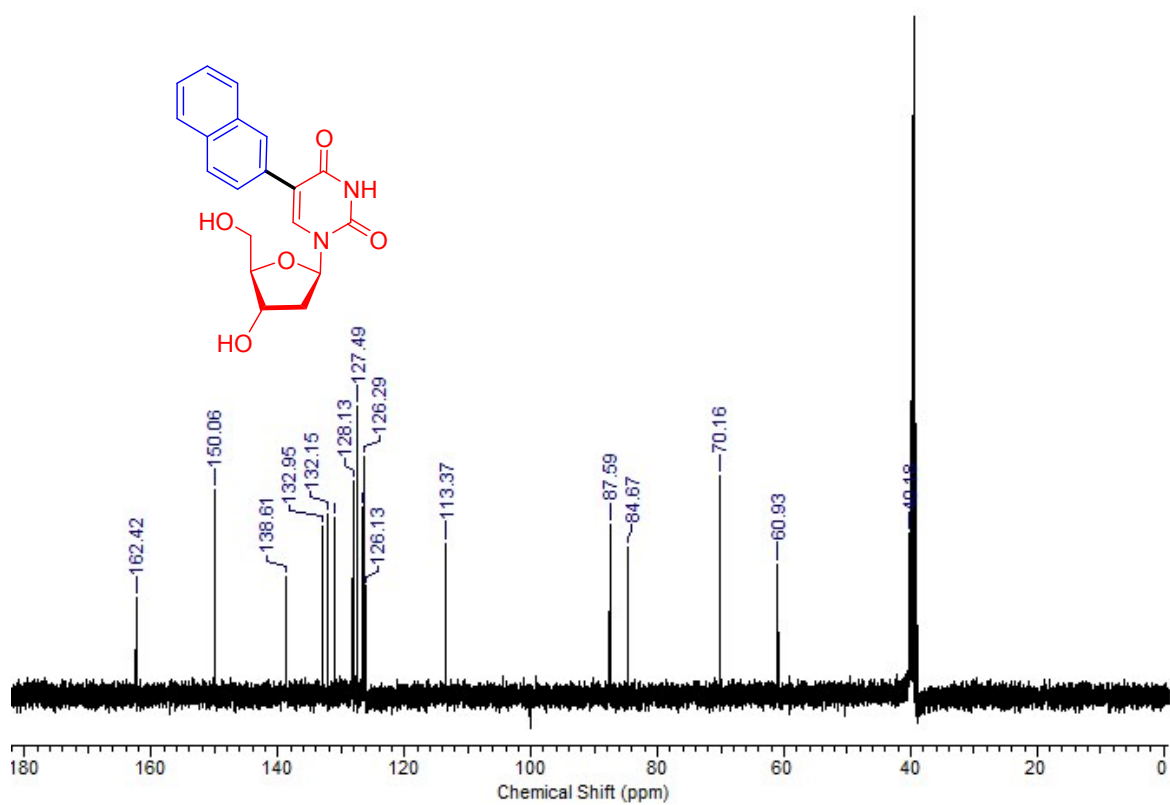
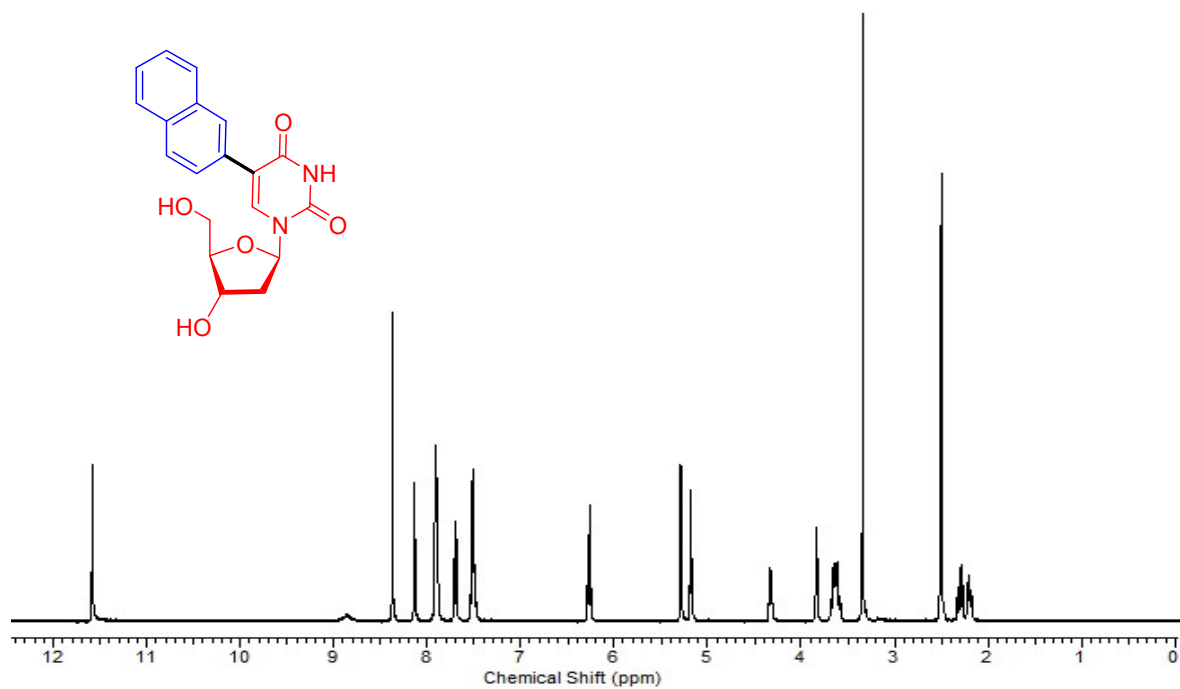
5-(E)-(4-(2-benzofuranyl) styryl)-2'-deoxyuridine: (1i)



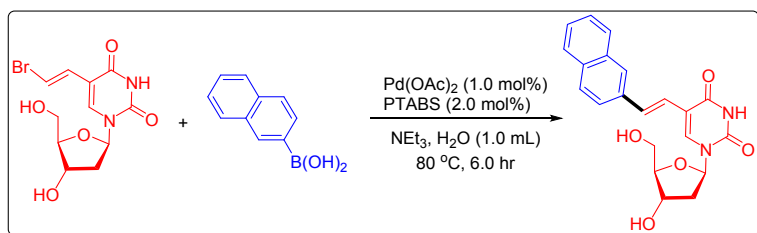


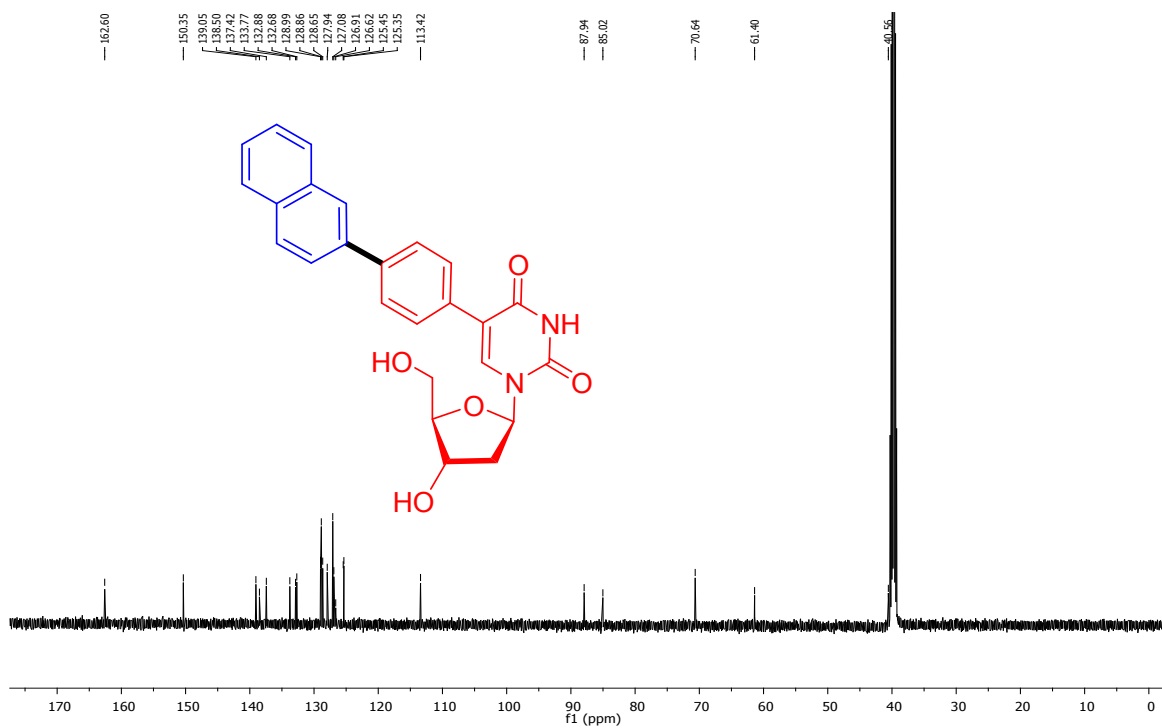
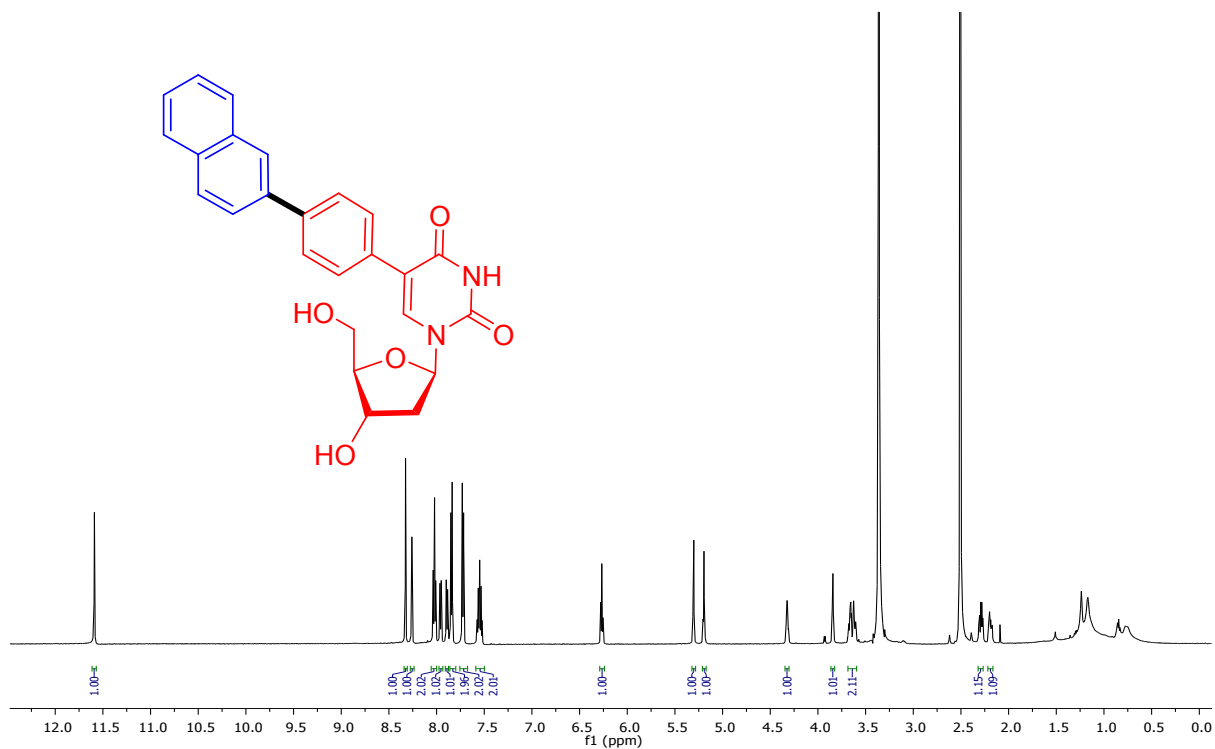
5-(2-Naphthyl)-2'-deoxyuridine:(1f)





5-(*E*)-(2-Naphthylvinyl)-2-deoxyuridine: (1h)





5-(E)-(4-(2-Naphthyl) styryl)-2'-deoxyuridine: (1j)

