

SUPPORTING INFORMATION

“Synthesis of polyheterocyclic dimers containing restricted and constrained peptidomimetics via : IMCR-based domino/ double CuAAC click strategy ”

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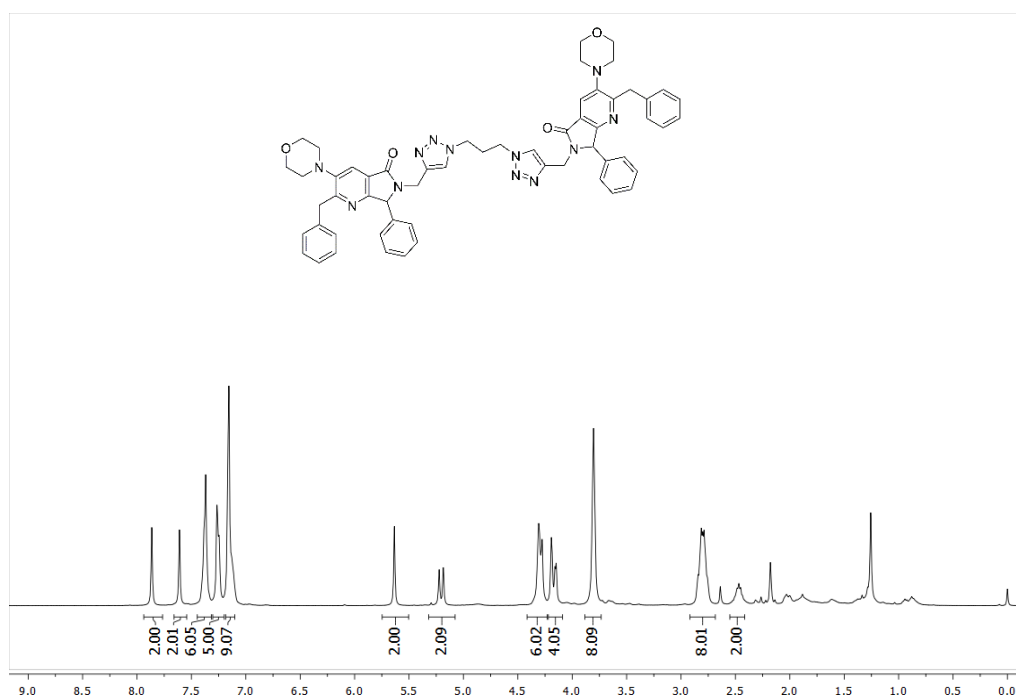
Characterization of the 6-propargyl-pyrrolo[3,4-*b*]pyridin-5-ones 11a-j:

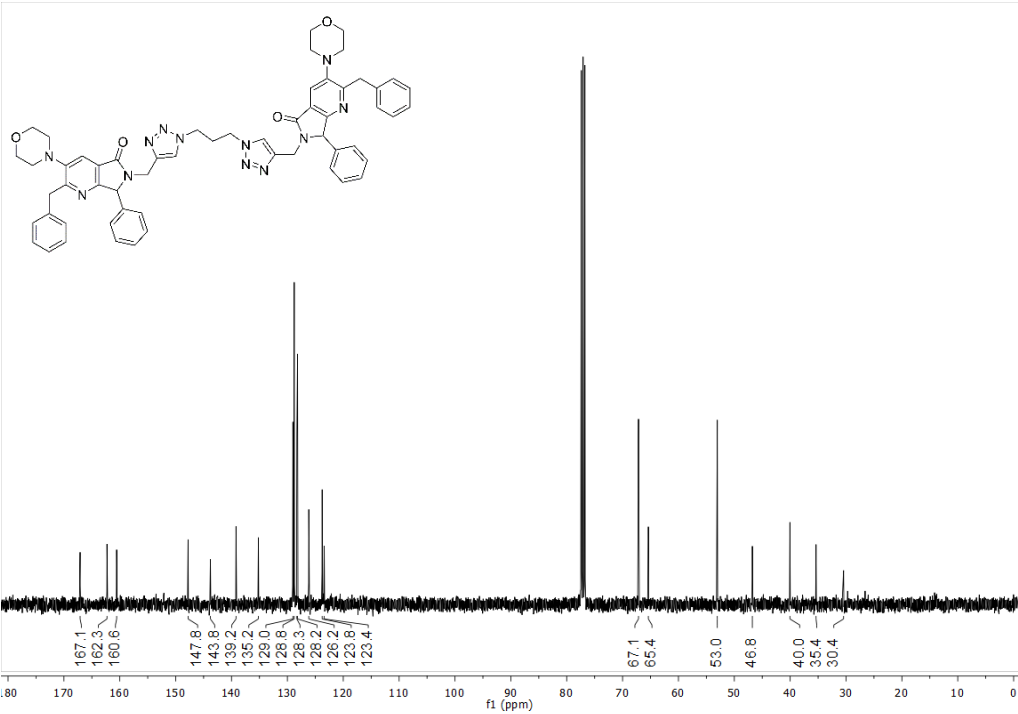
For the characterization see: R. Gámez-Montaña*, *Front. Chem.* **2019**, 7:546.

Characterization of the propane-linked bis-triazolyl-pyrrolo[3,4-*b*]pyridin-5-ones 13a-j:

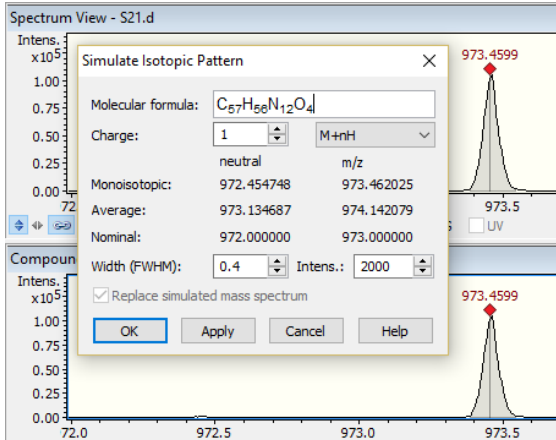
6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-3-morpholino-7-phenyl-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13a**)

¹H NMR **13a**



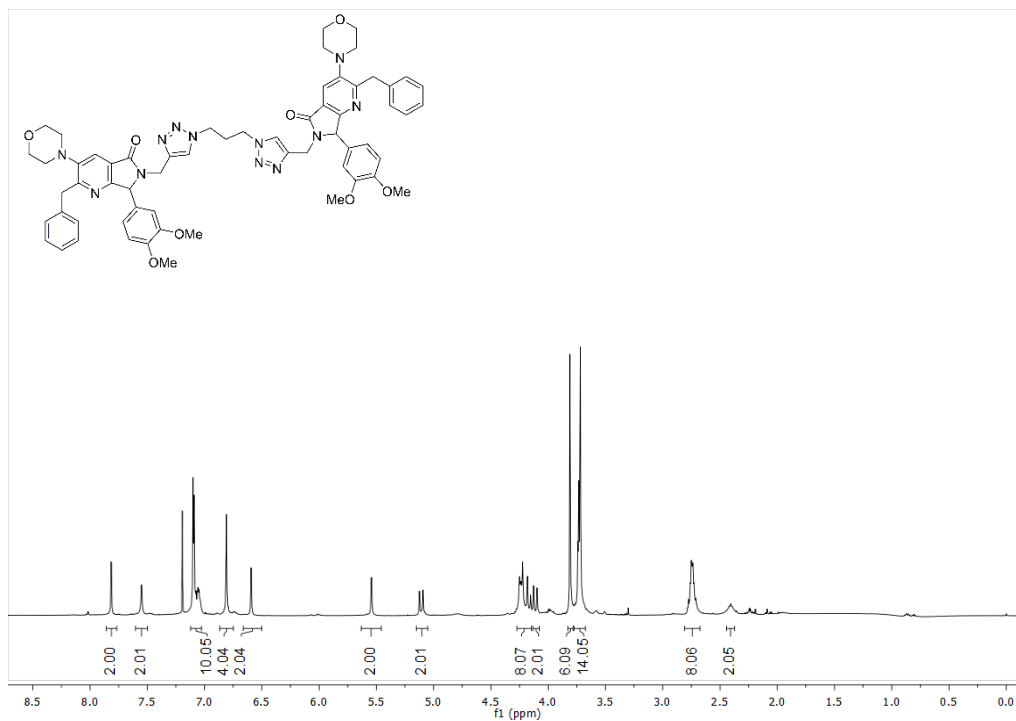
^{13}C NMR **13a**

HRMS 13a

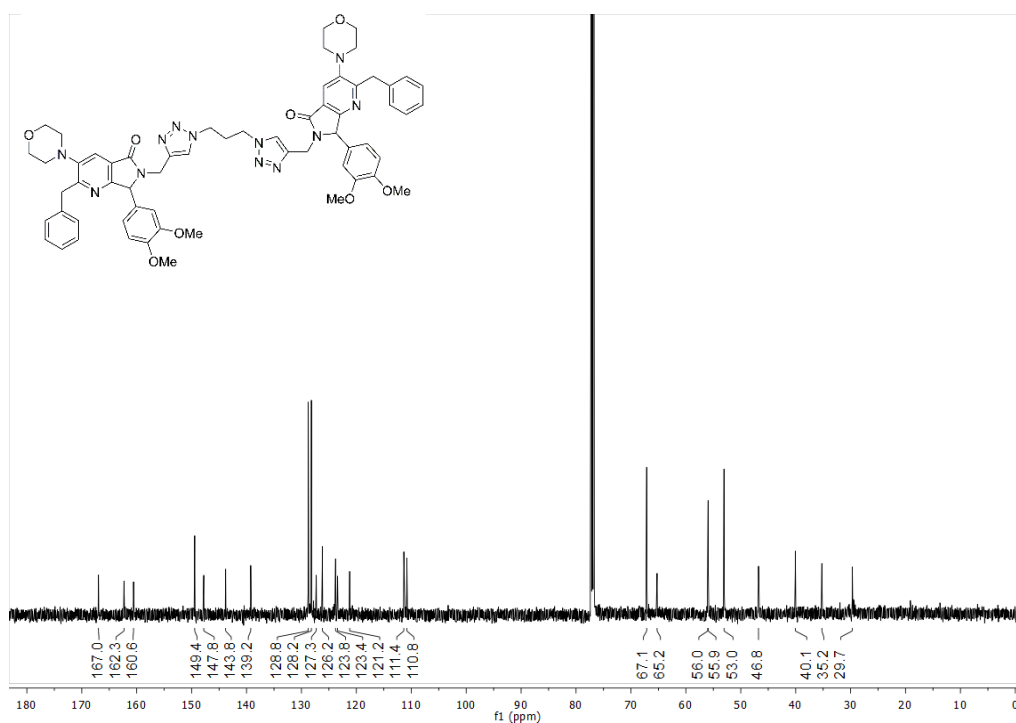


6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-7-(3,4-dimethoxyphenyl)-3-morpholino-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13b**)

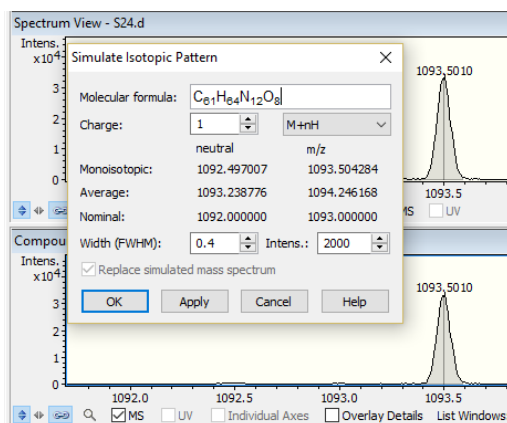
¹H NMR **13b**



¹³C NMR **13b**

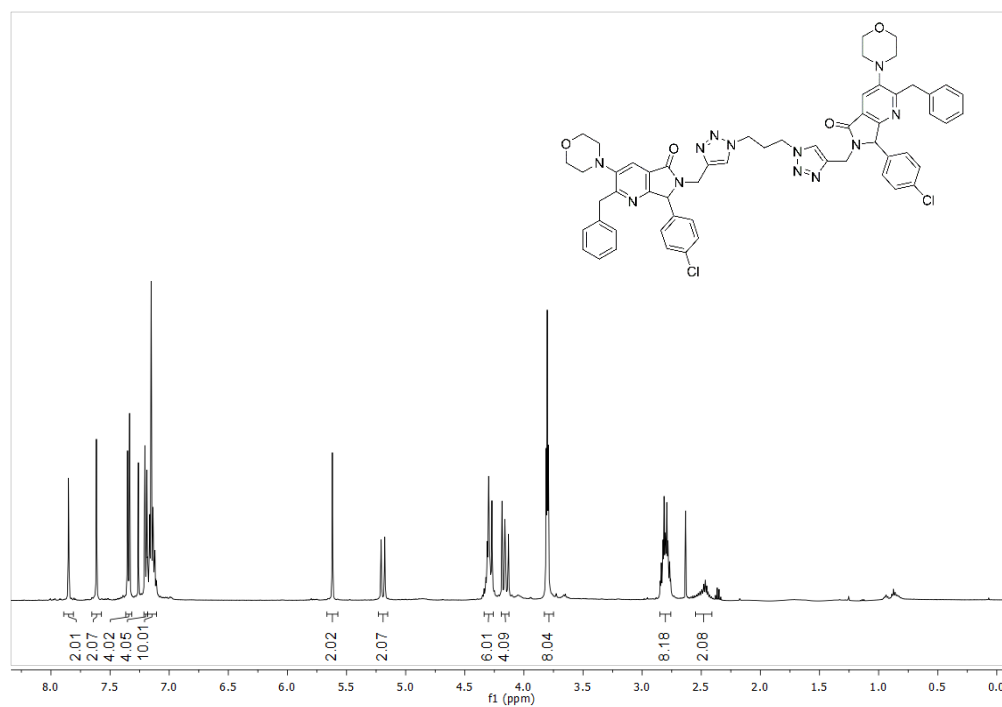


HRMS 13b

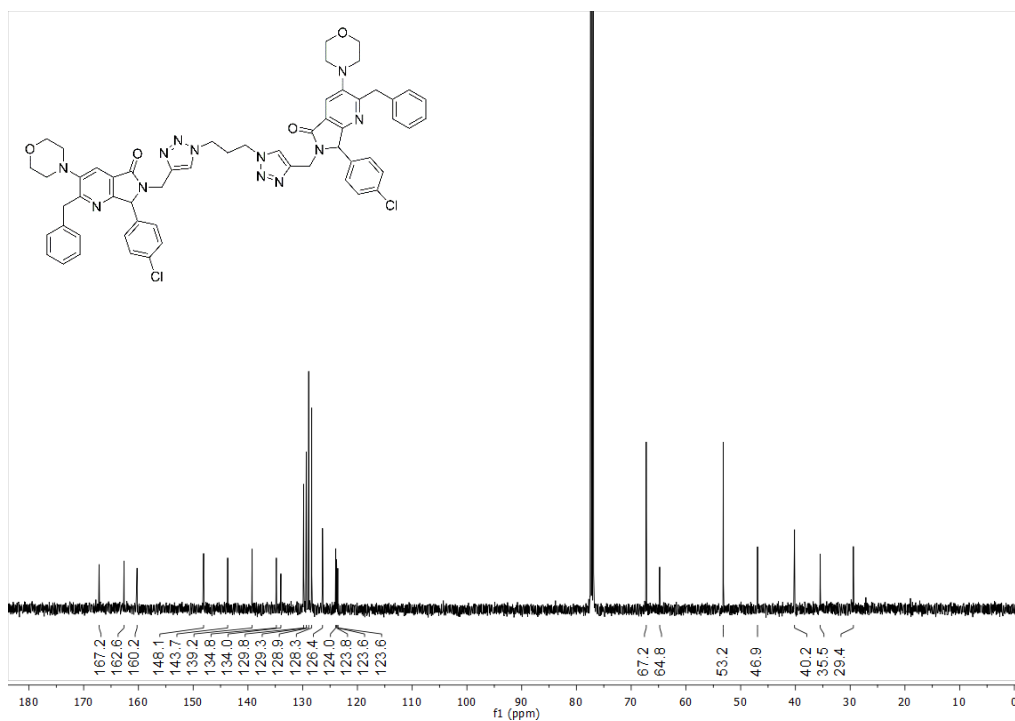


6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-7-(4-chlorophenyl)-3-morpholino-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13c**)

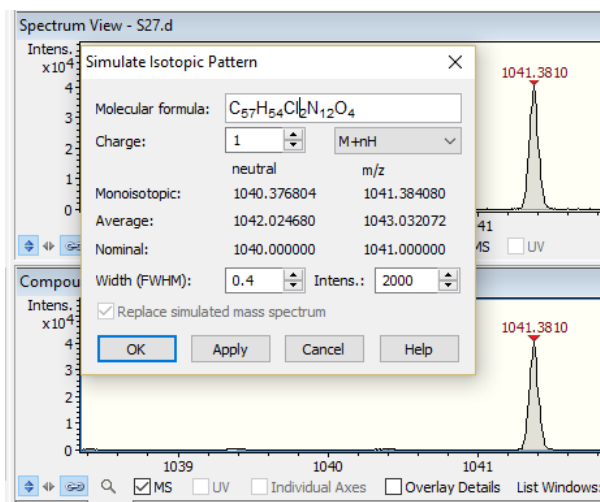
¹H NMR 13c



^{13}C NMR 13c

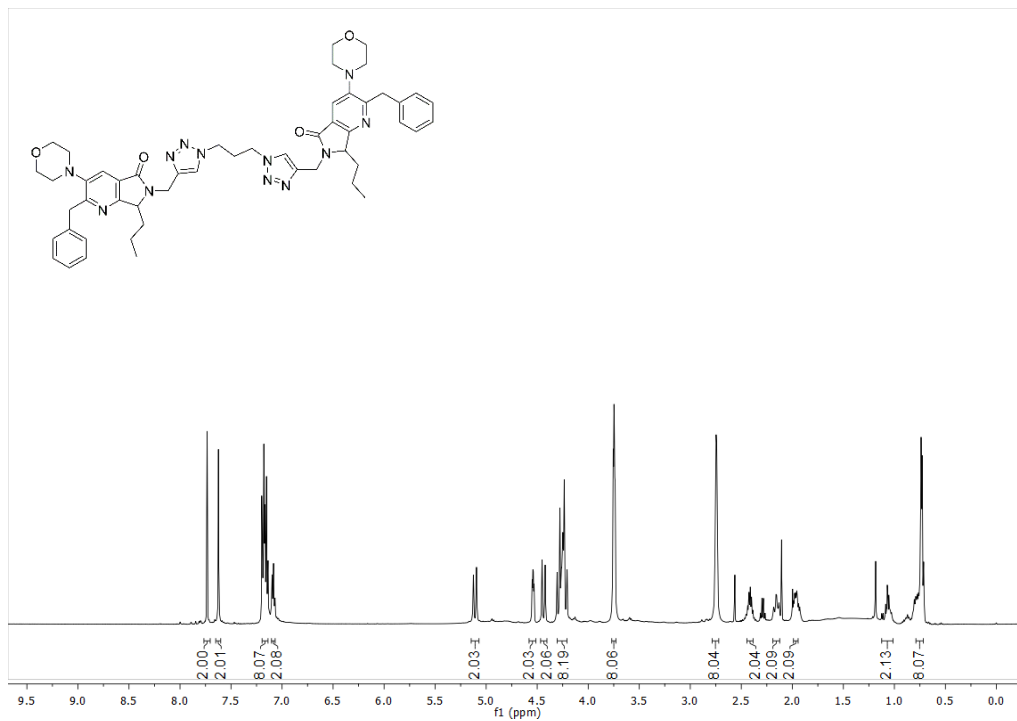


HRMS 13c

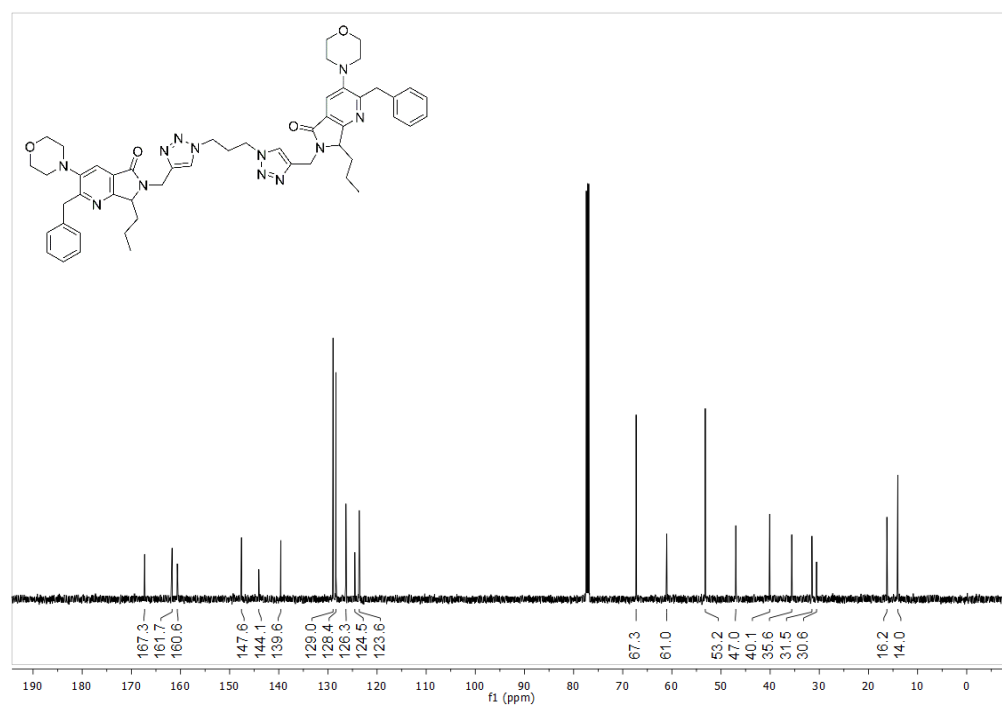


6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-3-morpholino-7-propyl-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13d**)

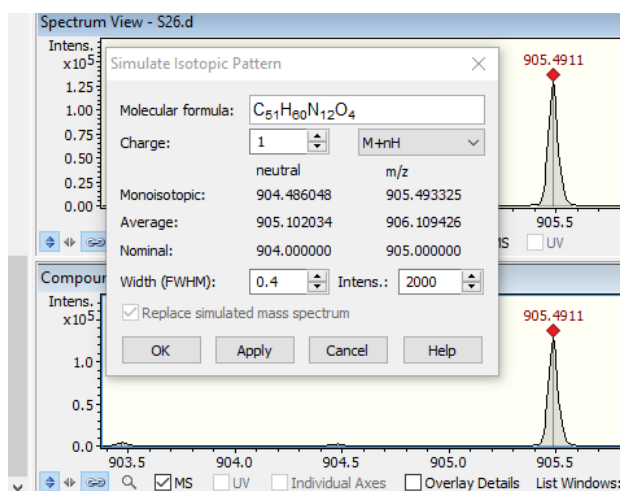
¹H NMR **13d**



¹³C NMR **13d**

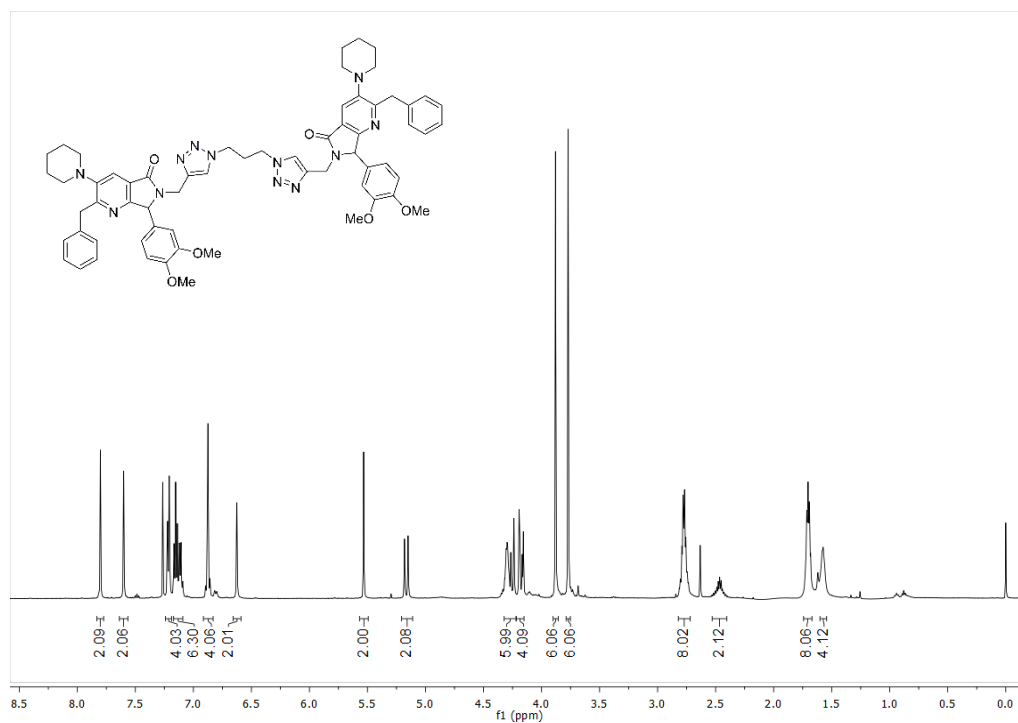


HRMS 13d

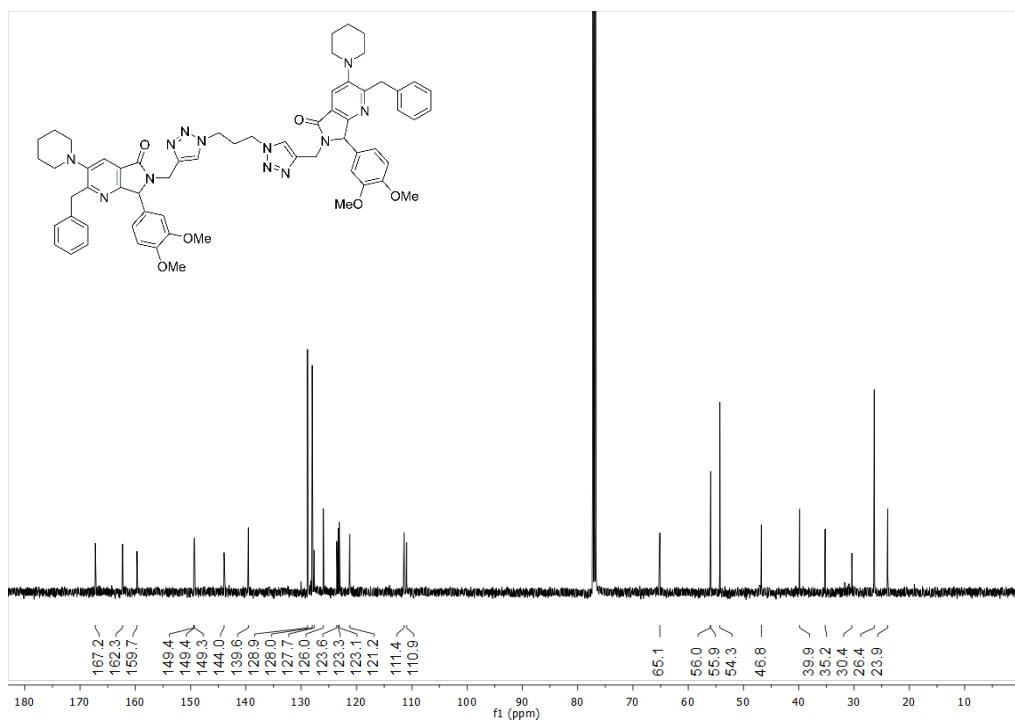


6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-7-(3,4-dimethoxyphenyl)-3-(piperidin-1-yl)-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13e**)

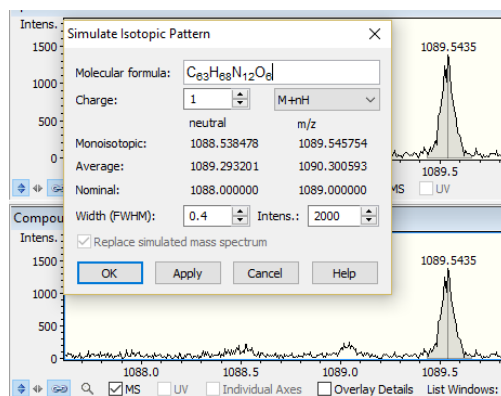
^1H NMR **13e**



¹³C NMR 13e

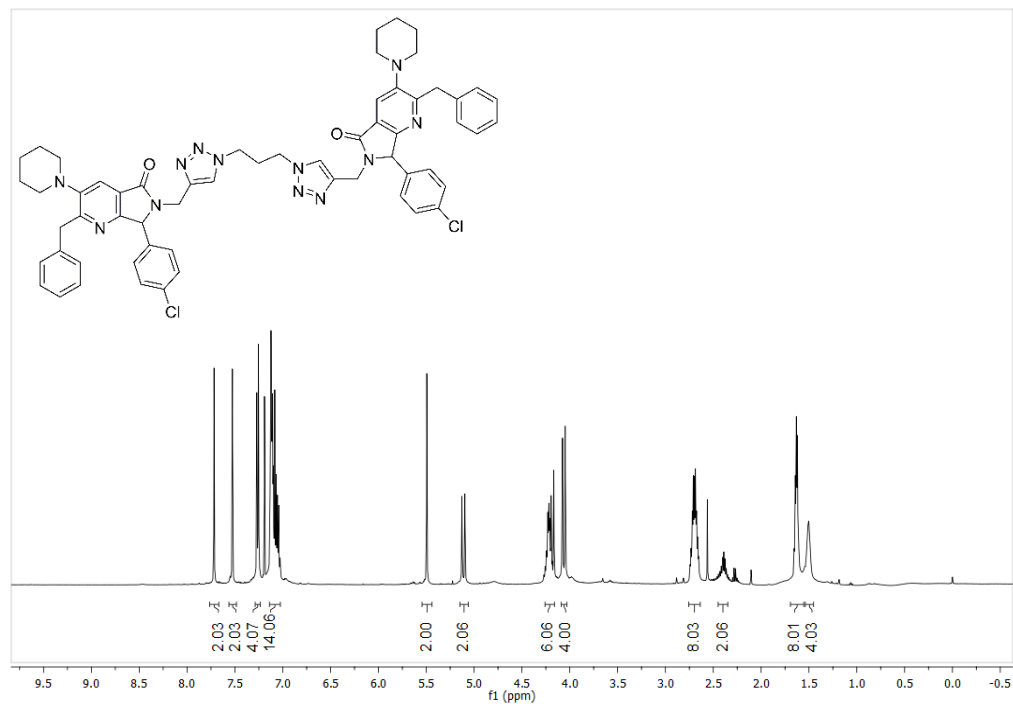


HRMS 13e

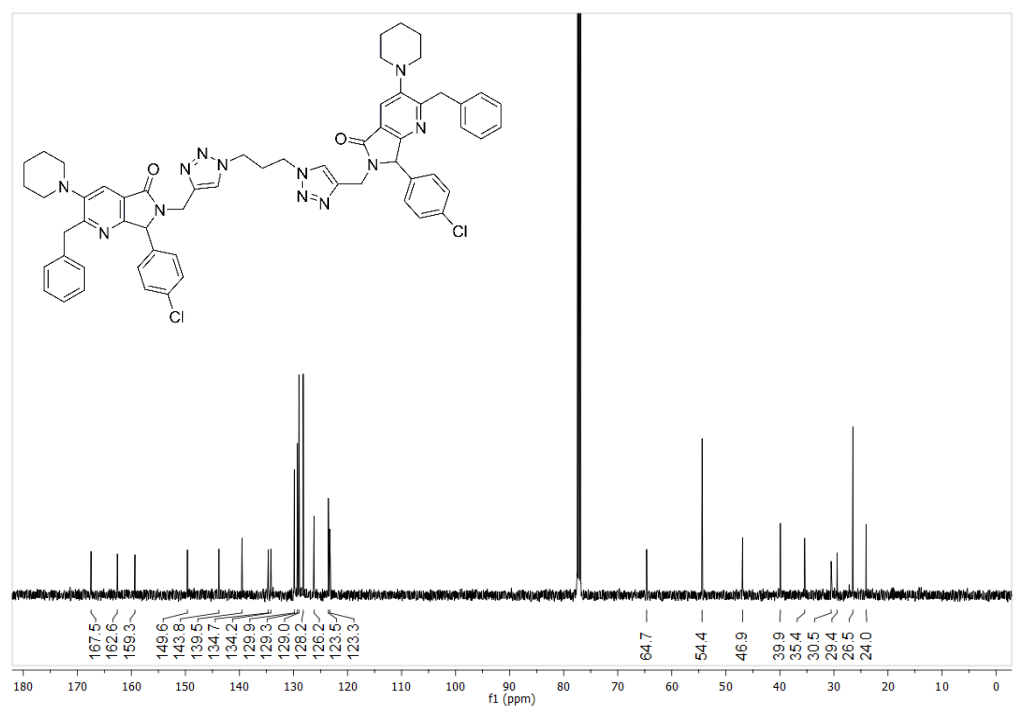


6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-7-(4-chlorophenyl)-3-(piperidin-1-yl)-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13f**)

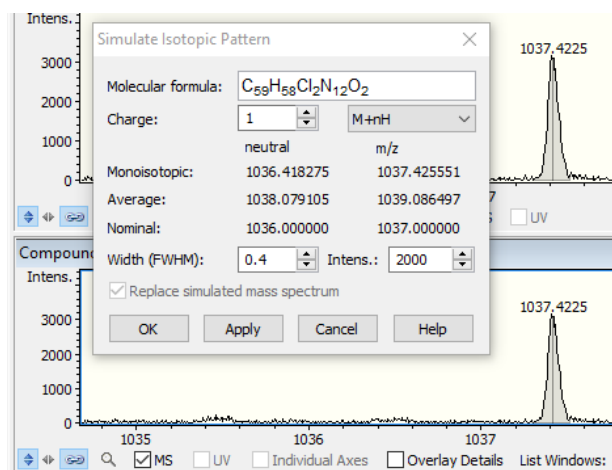
¹H NMR **13f**



¹³C NMR **13f**

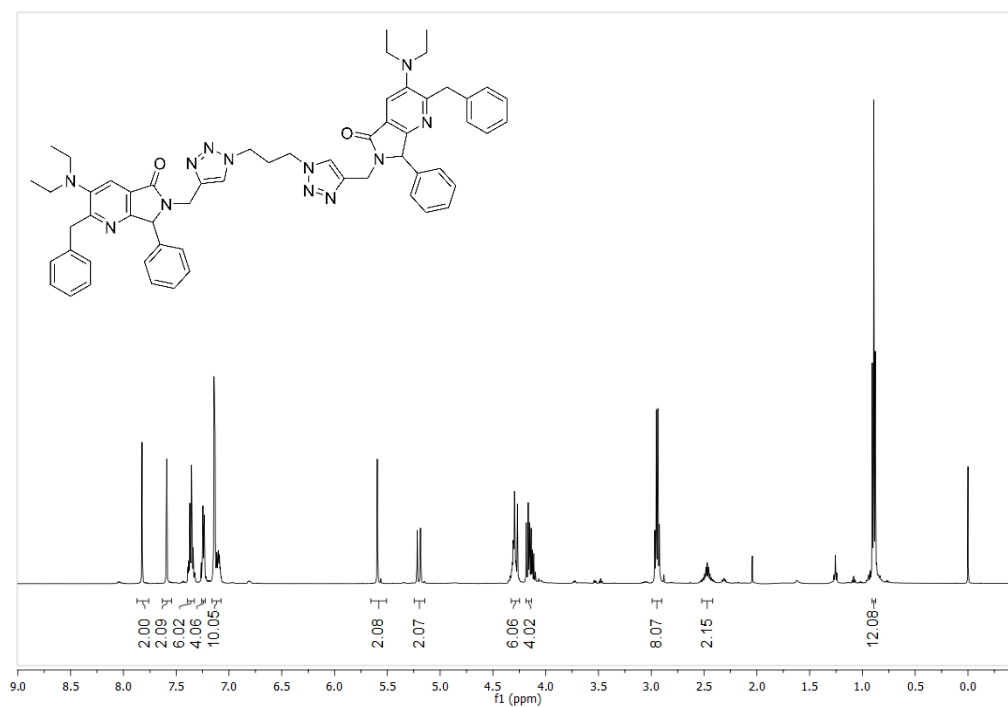


HRMS 13f

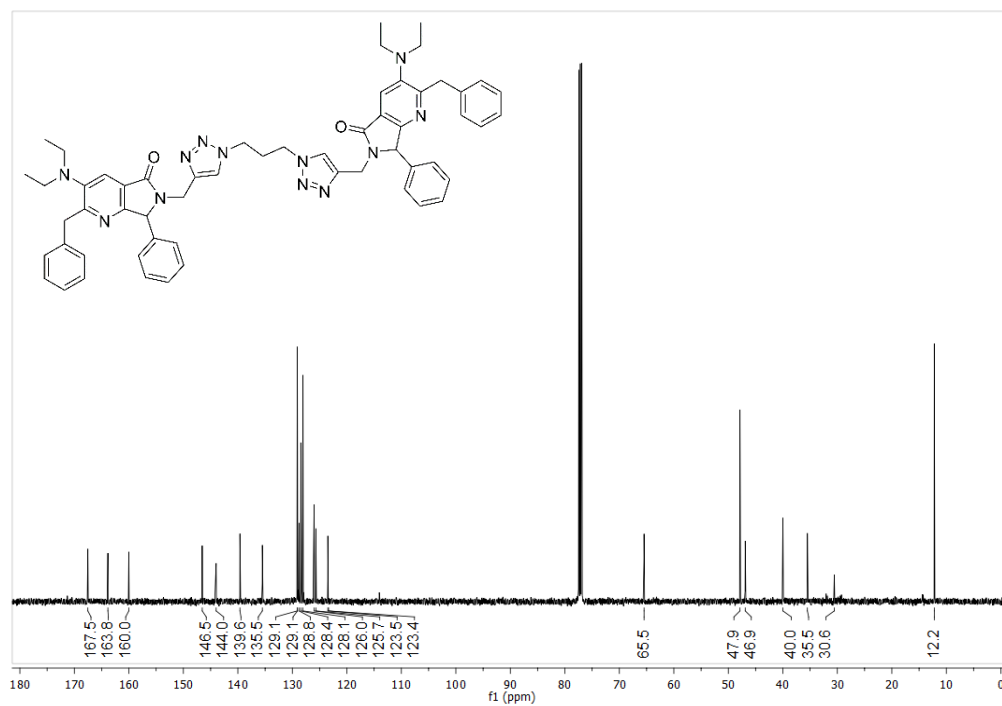


6,6'-((propane-1,3-diylbis(1*H*-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-3-(diethylamino)-7-phenyl-6,7-dihydro-5*H*-pyrrolo[3,4-*b*]pyridin-5-one) (**13g**)

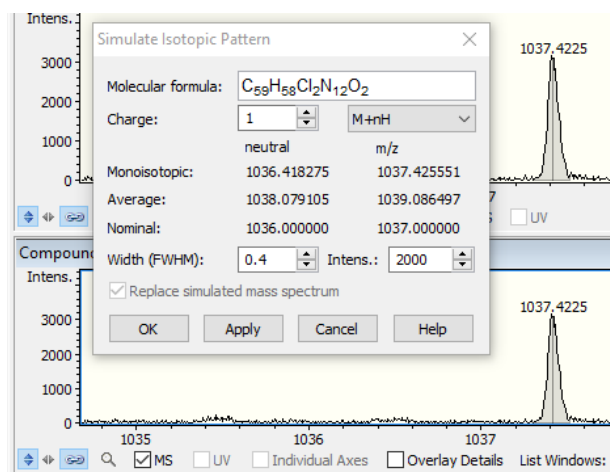
¹H NMR 13g



^{13}C NMR 13g

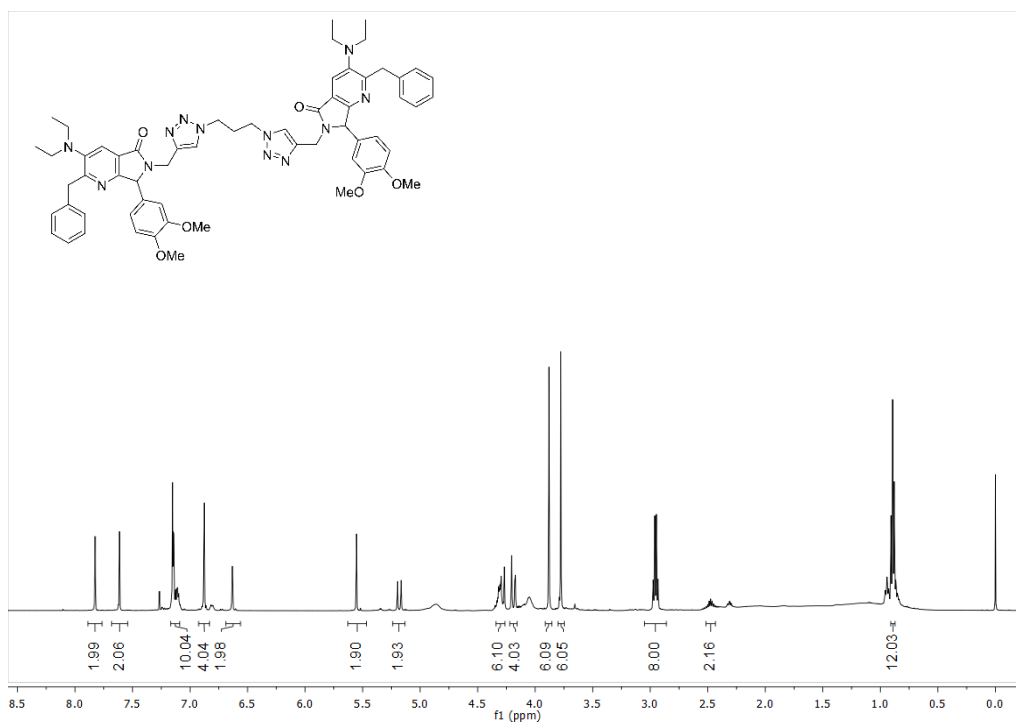


HRMS 13g

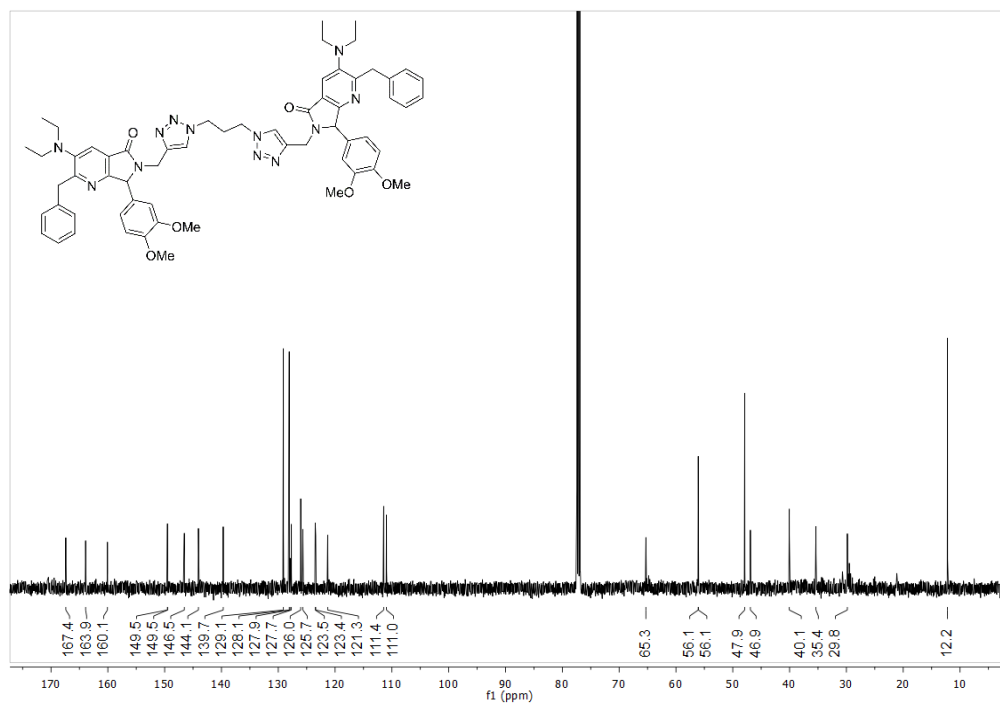


6,6'-((propane-1,3-diylbis(1H-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-3-(diethylamino)-7-(3,4-dimethoxyphenyl)-6,7-dihydro-5H-pyrrolo[3,4-b]pyridin-5-one) 13h

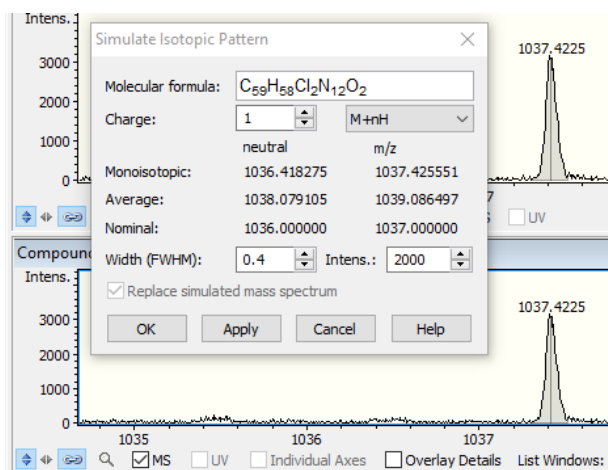
^1H NMR 13h



^{13}C NMR 13h

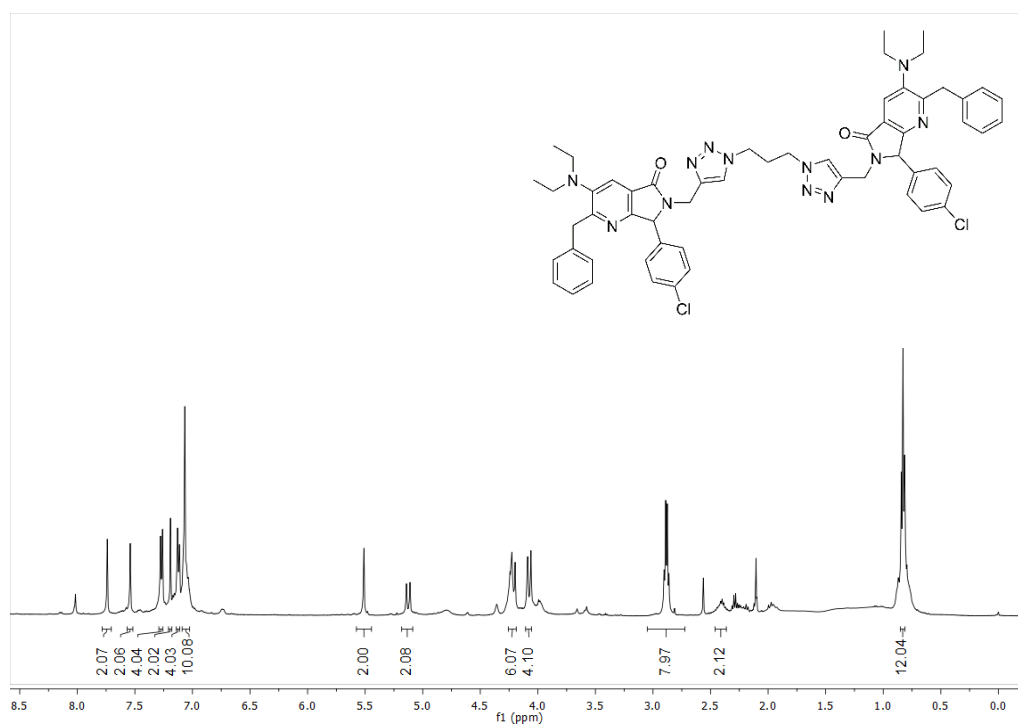


HRMS 13h

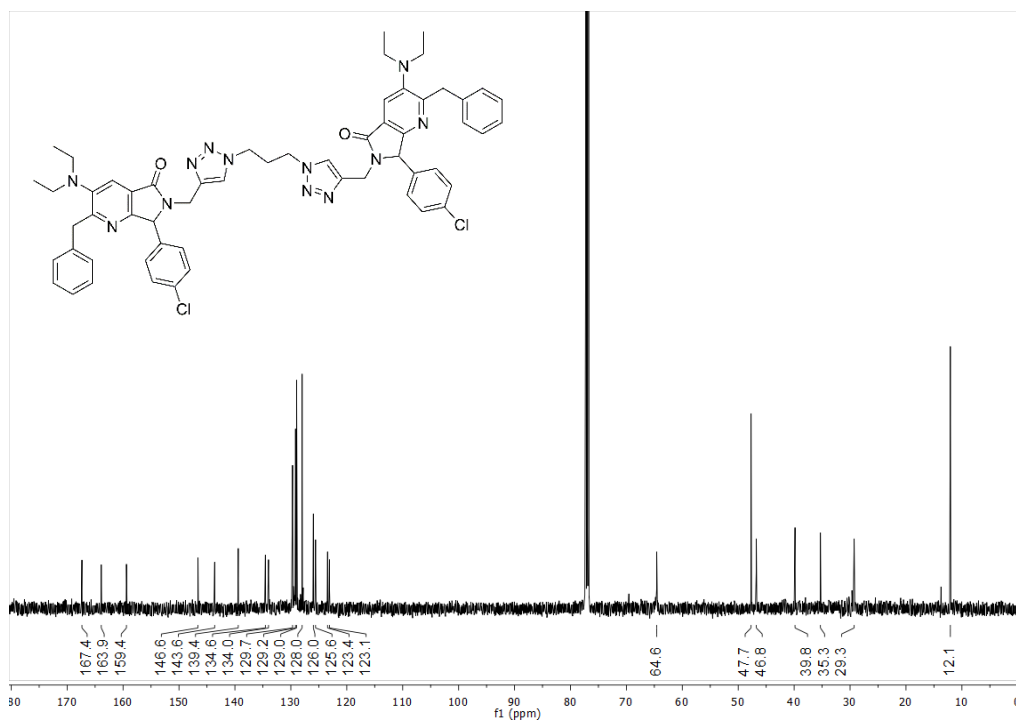


6,6'-((propane-1,3-diylbis(1H-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-7-(4-chlorophenyl)-3-(diethylamino)-6,7-dihydro-5H-pyrrolo[3,4-b]pyridin-5-one) 13i

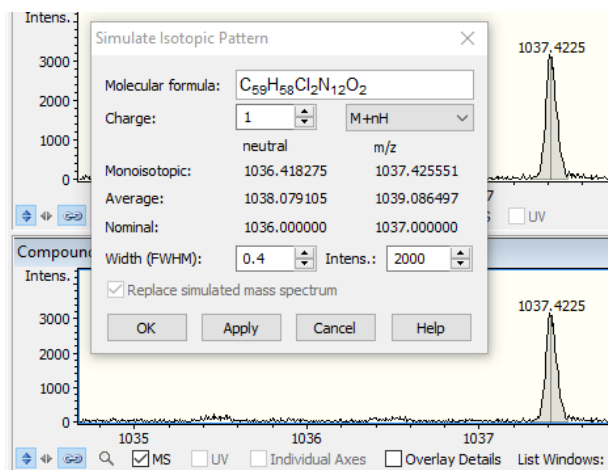
¹H NMR 13i



¹³C NMR 13i

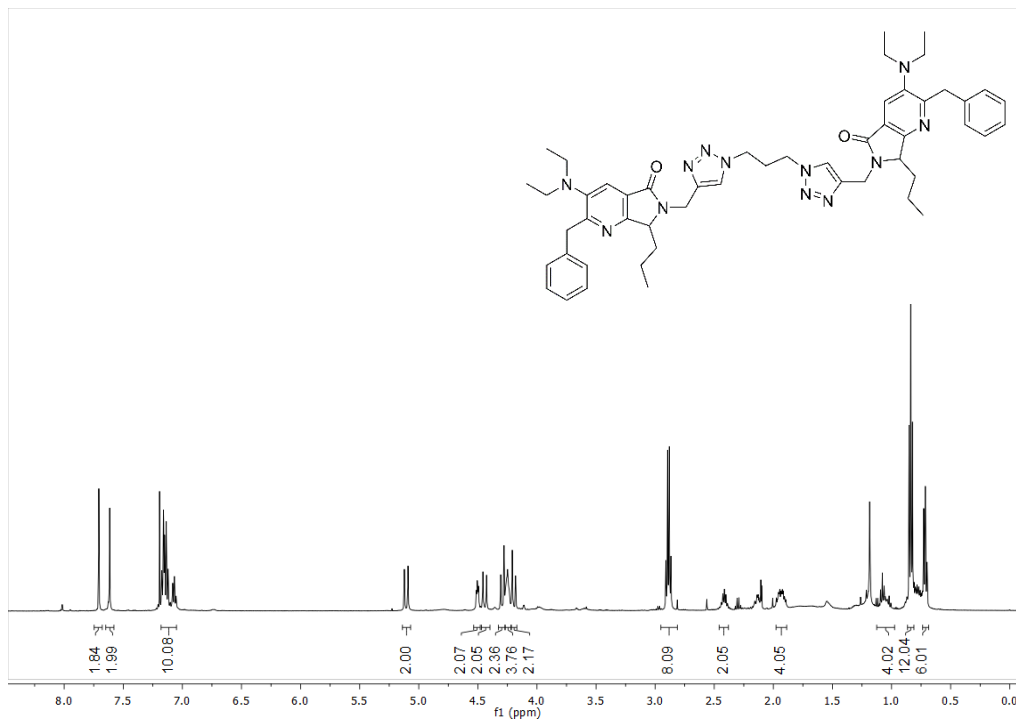


HRMS 13i

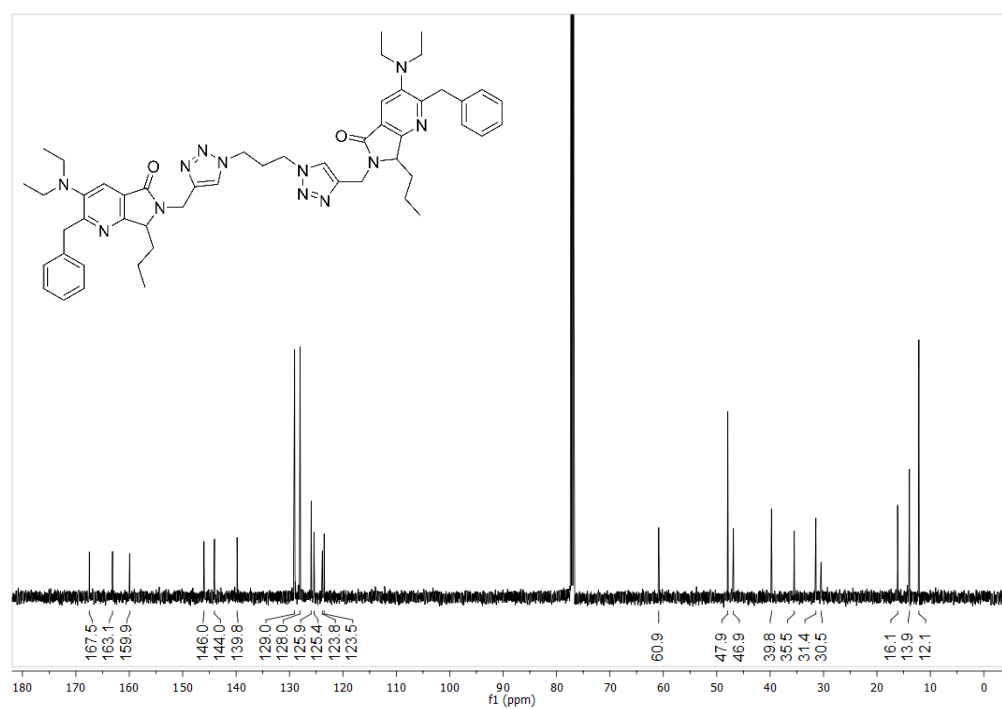


6,6'-((propane-1,3-diylbis(1H-1,2,3-triazole-1,4-diyl))bis(methylene))bis(2-benzyl-3-(diethylamino)-7-propyl-6,7-dihydro-5H-pyrrolo[3,4-*b*]pyridin-5-one) 13j

¹H NMR 13j



¹³C NMR 13j



HRMS 13j

