

Supplementary Information

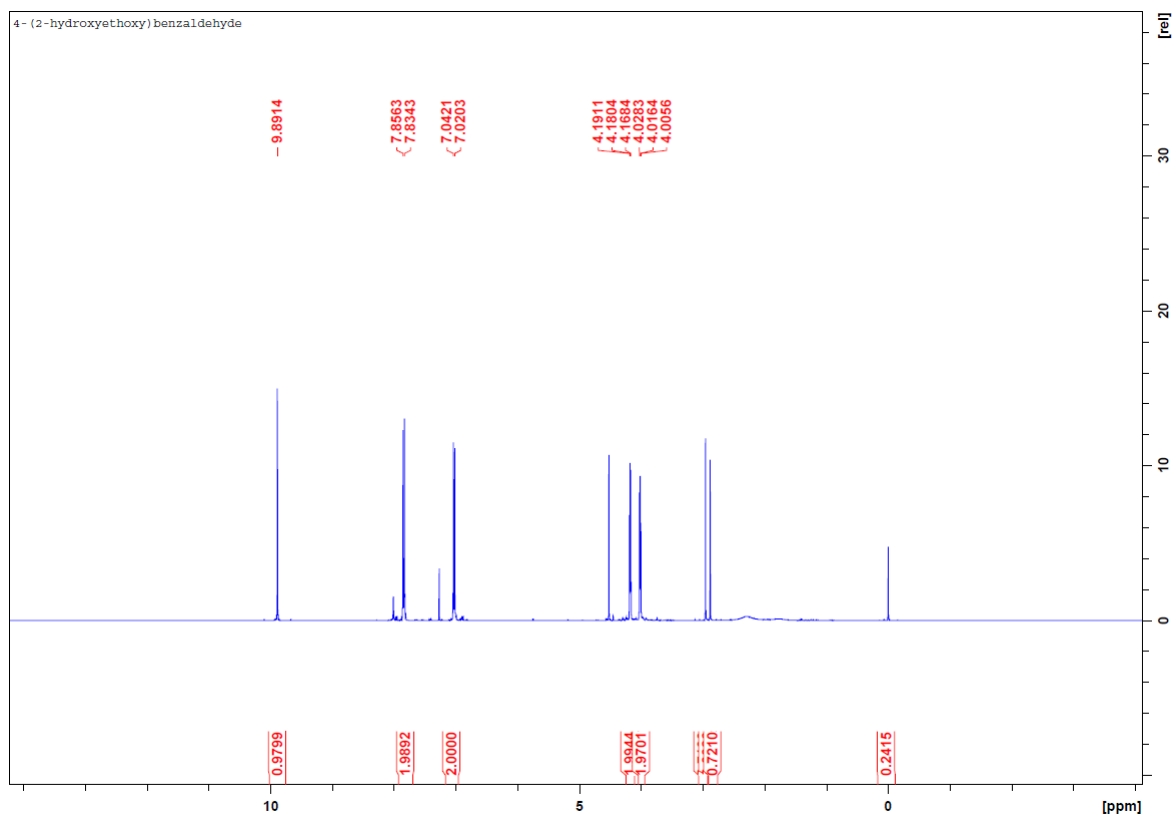


Figure S1. ¹H NMR of 4-(2-hydroxyethoxy)benzaldehyde (2).

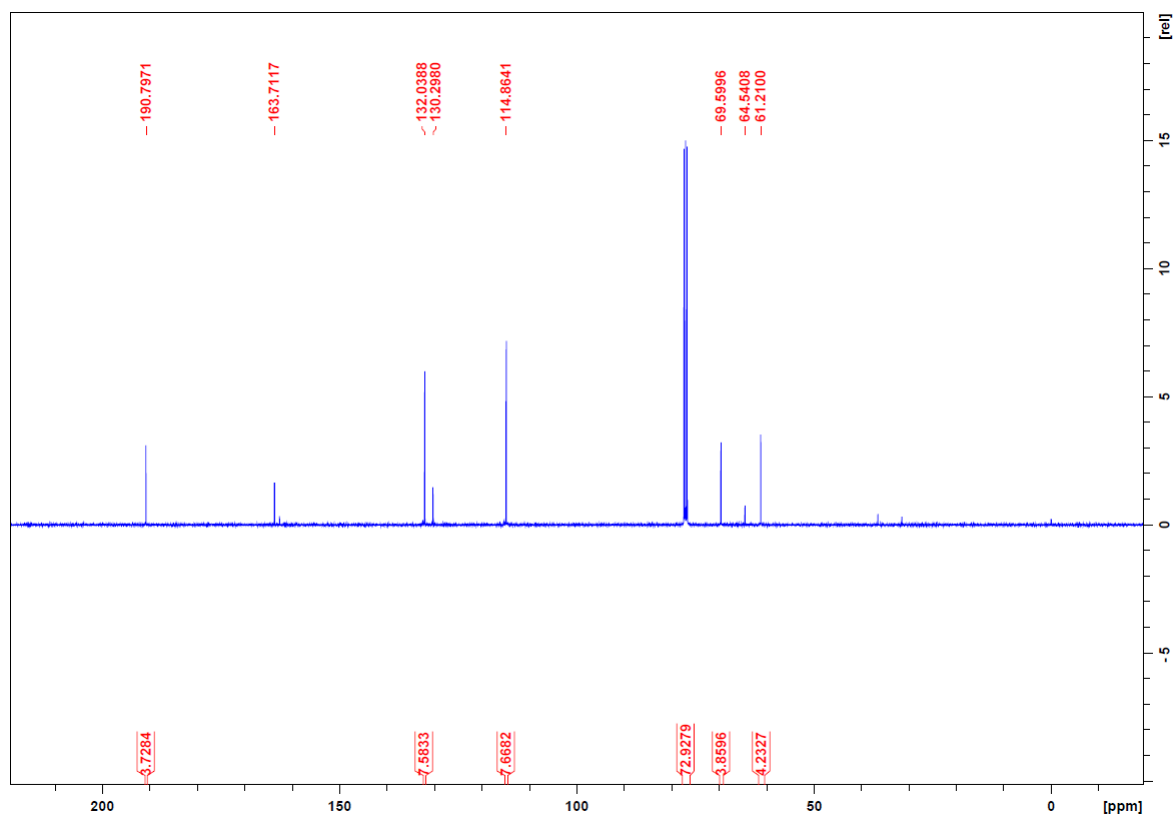


Figure S2. ¹³C NMR of 4-(2-hydroxyethoxy)benzaldehyde (2).

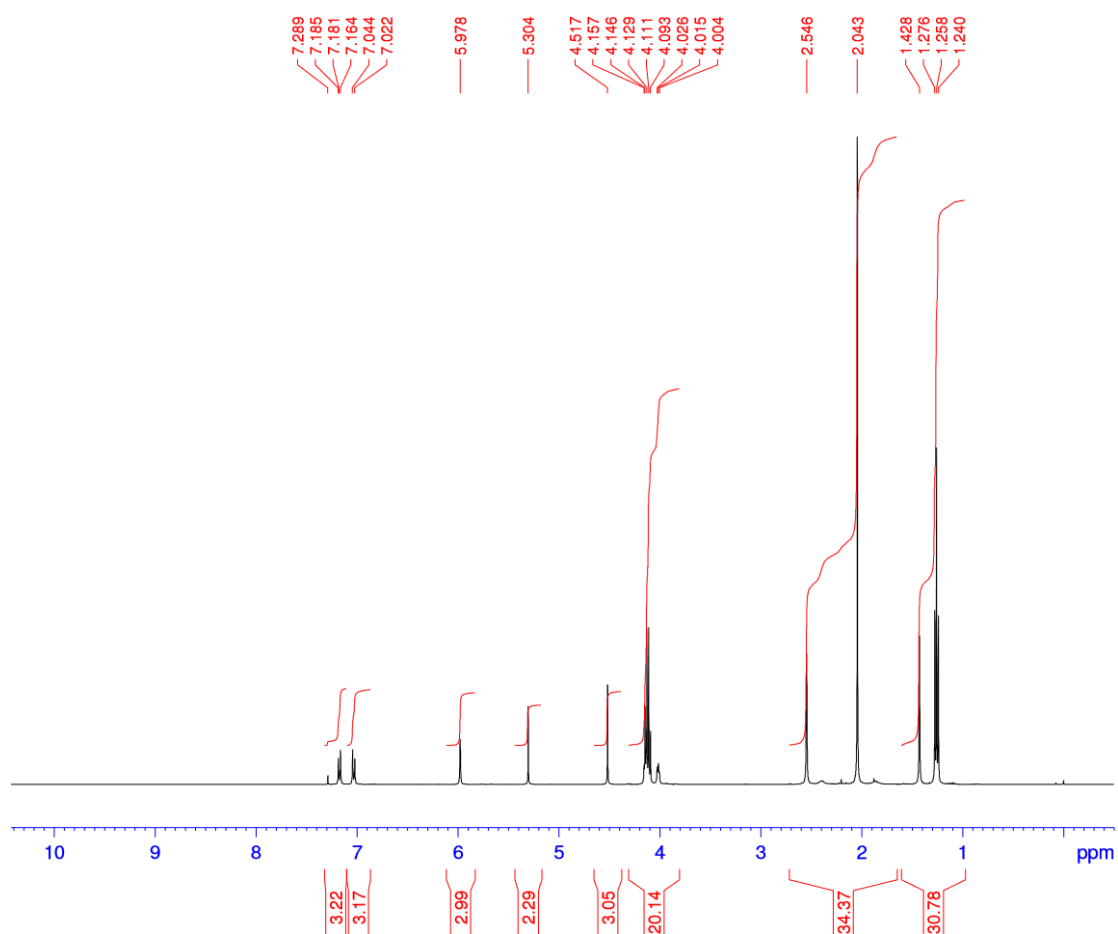


Figure S3. ¹H NMR of (3) (3, 5-dimethyl-1H-pyrrol-2-yl)-(tetramethyl-4, 4-difluoro-4-bora-3a, 4a-diaza-indacene methyl] phenoxy] ethanol.

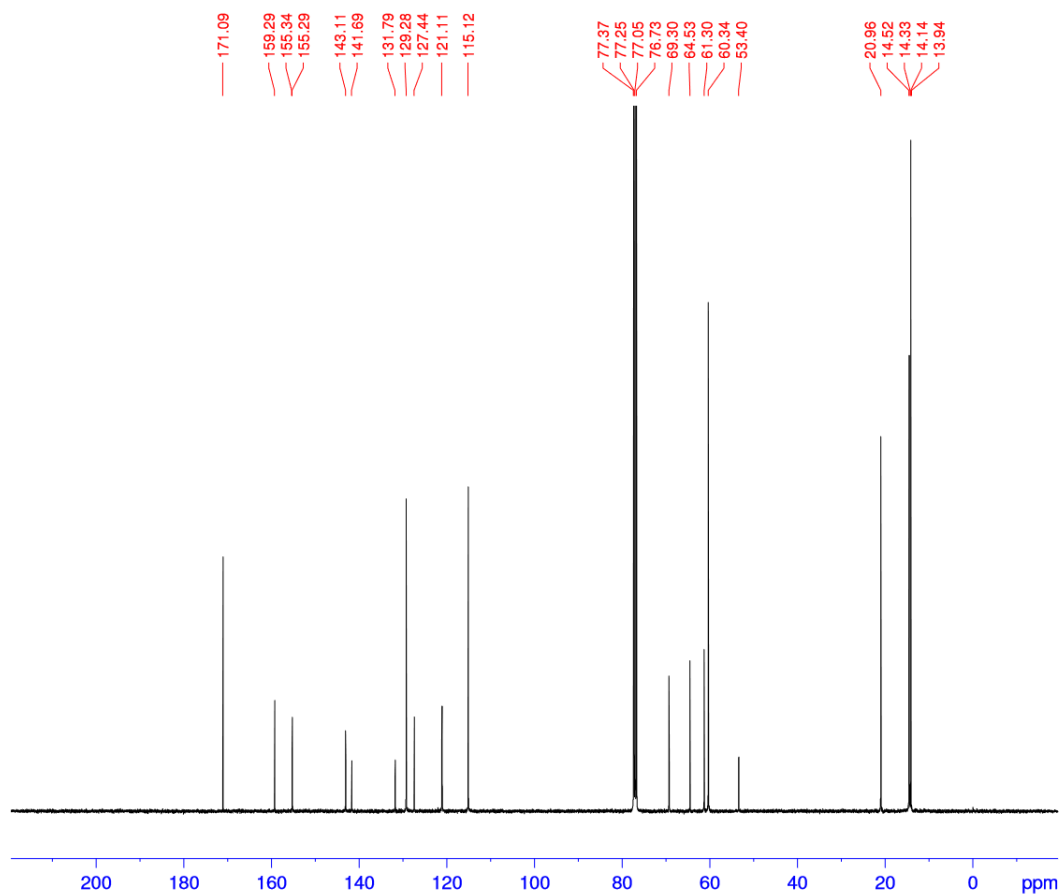


Figure S4. ¹³C NMR of (3) (3, 5-dimethyl-1H-pyrrol-2-yl)-(tetramethyl-4, 4-difluoro-4-bora-3a, 4a-diaza-indacene) methyl] phenoxy] ethanol.

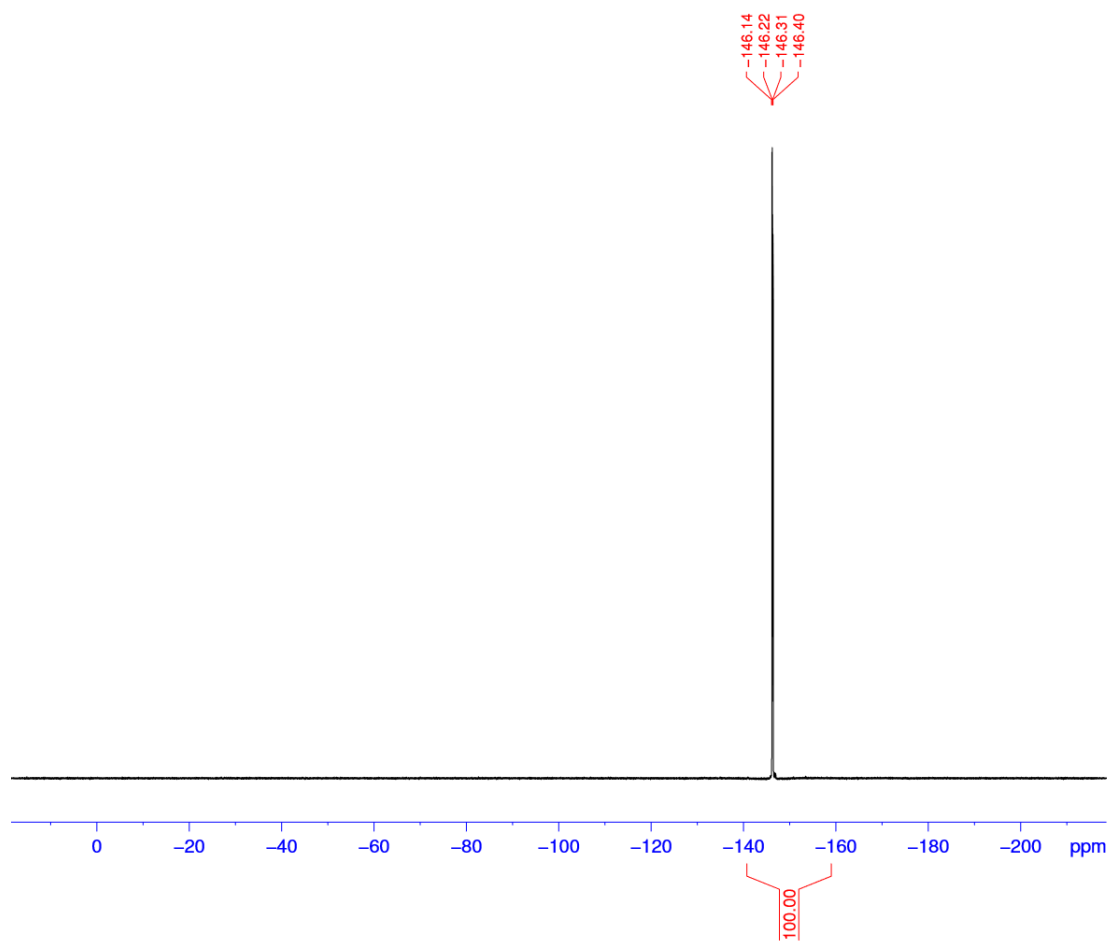


Figure S5. ^{19}F NMR of (3) (3, 5-dimethyl-1H-pyrrol-2-yl)-(tetramethyl-4, 4-difluoro-4-bora-3a, 4a-diaza-indacene methyl] phenoxy] ethanol.

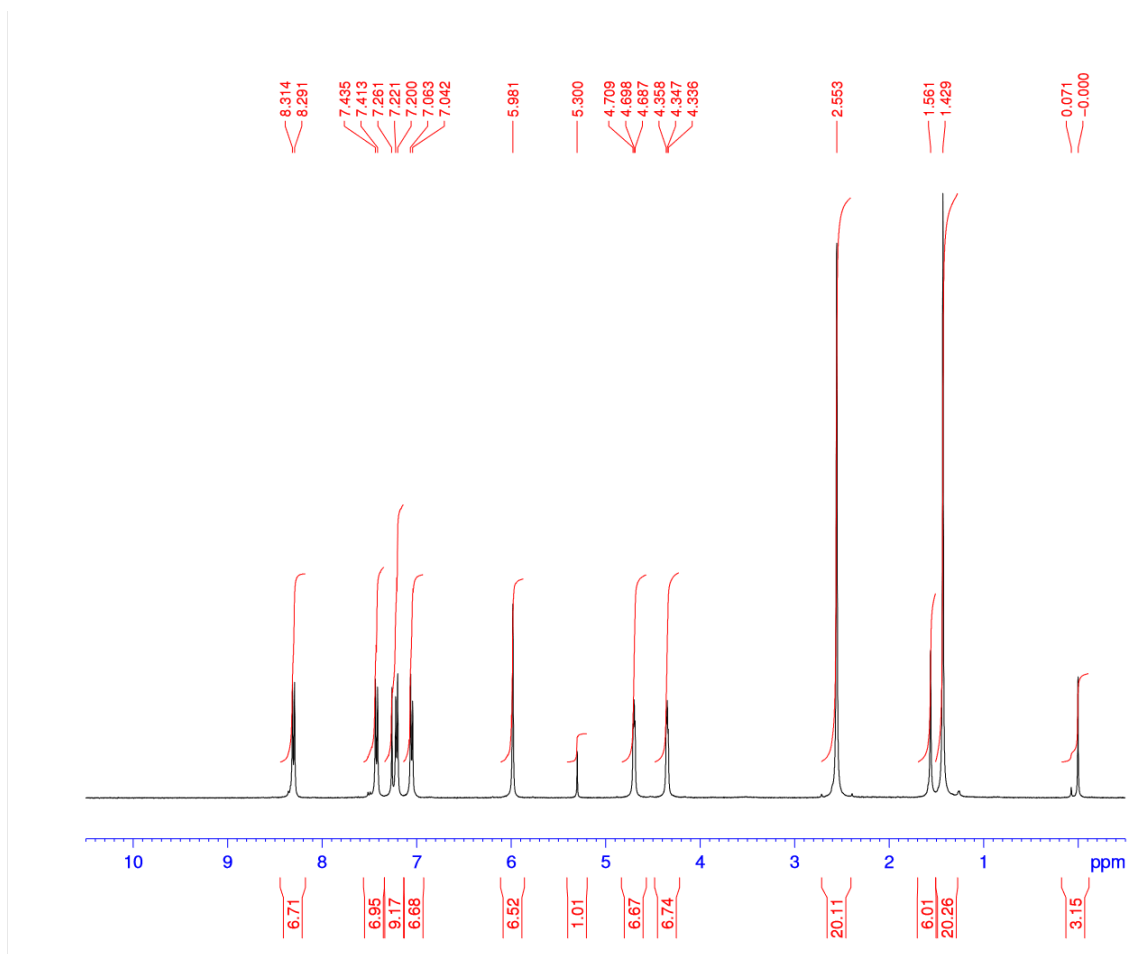


Figure S6. ¹H NMR of (4) tetramethyl-4,4-difluoro-4-bora-3a,4a-diazaindacene)methyl]phenoxy]ethyl (4-nitrophenyl) carbonate.

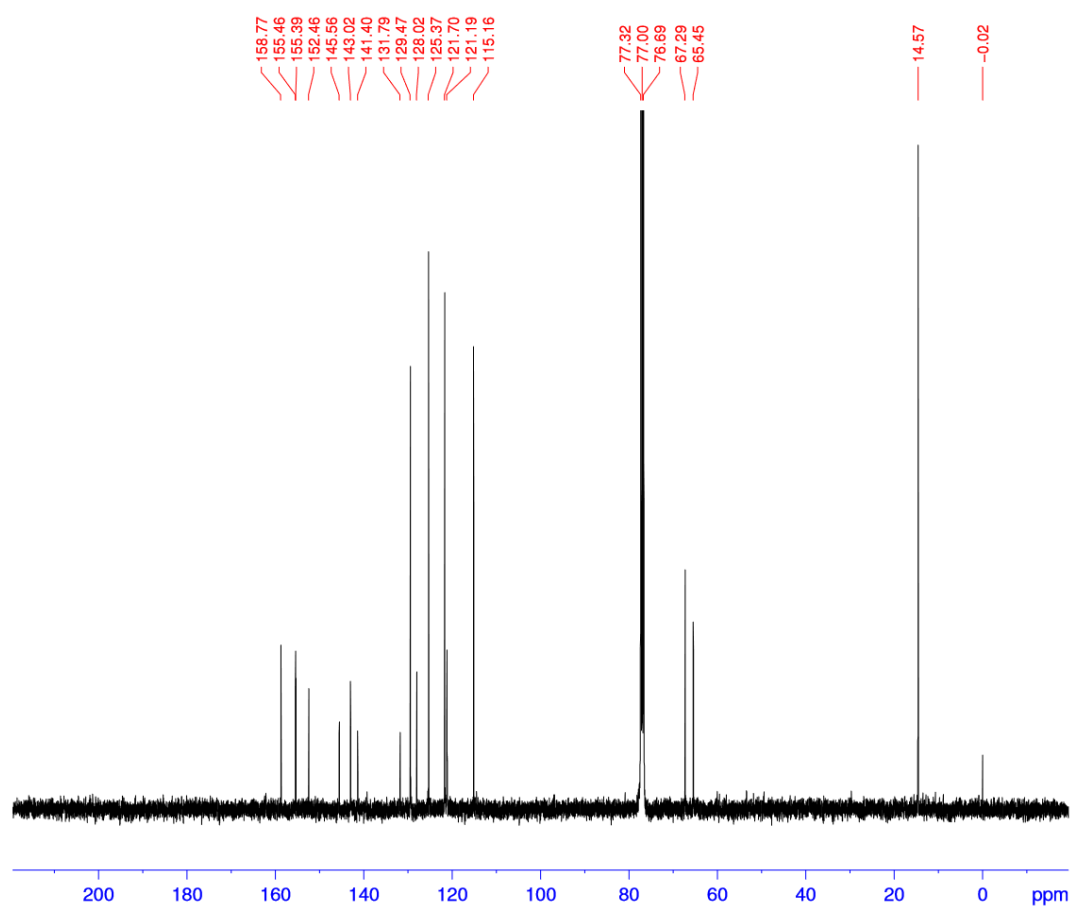


Figure S7. ^{13}C NMR of (4) tetramethyl-4,4-difluoro-4-bora-3a,4a-diazaindacene)methyl]phenoxy]ethyl (4-nitrophenyl) carbonate.

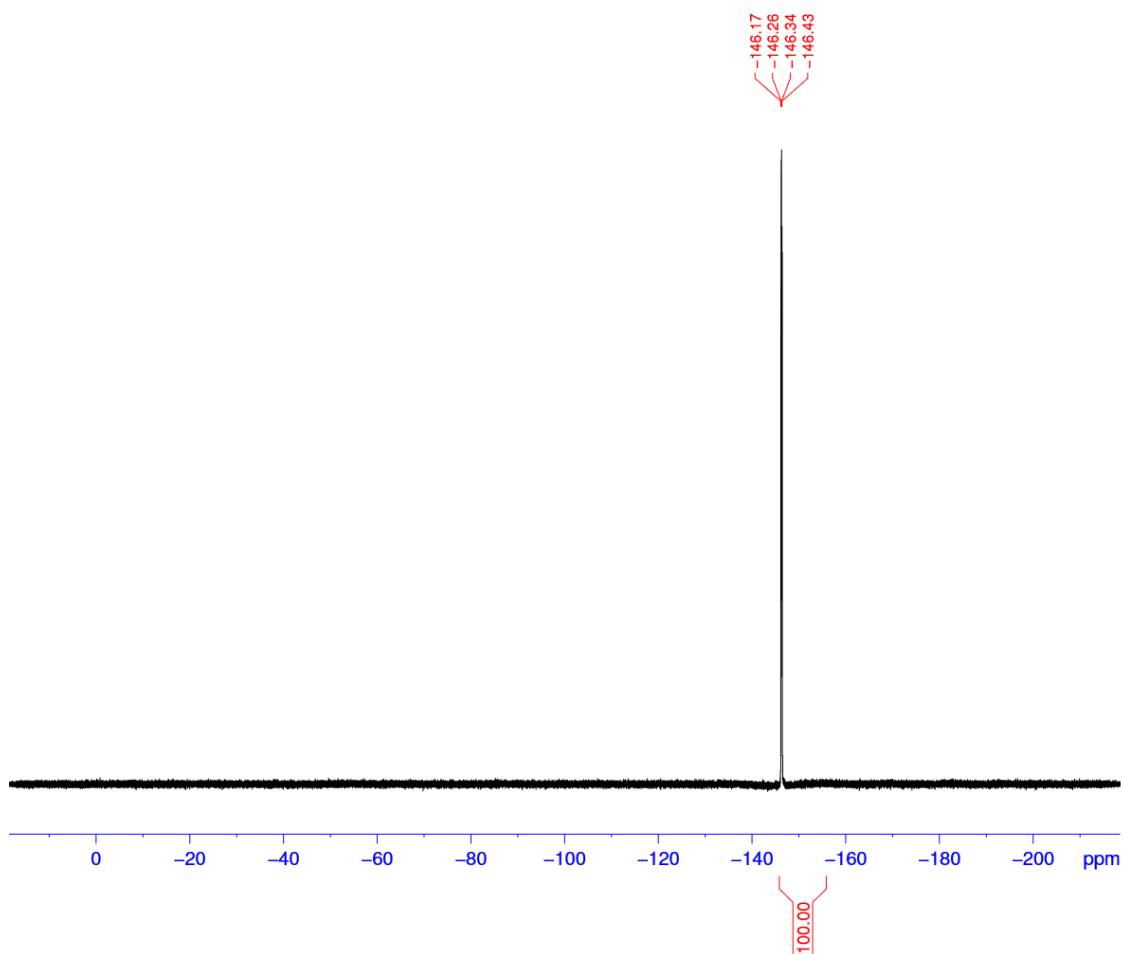


Figure S8. ^{19}F NMR of (4) tetramethyl-4,4-difluoro-4-bora-3a,4a-diazaindacene)methyl]phenoxy]ethyl (4-nitrophenyl) carbonate.

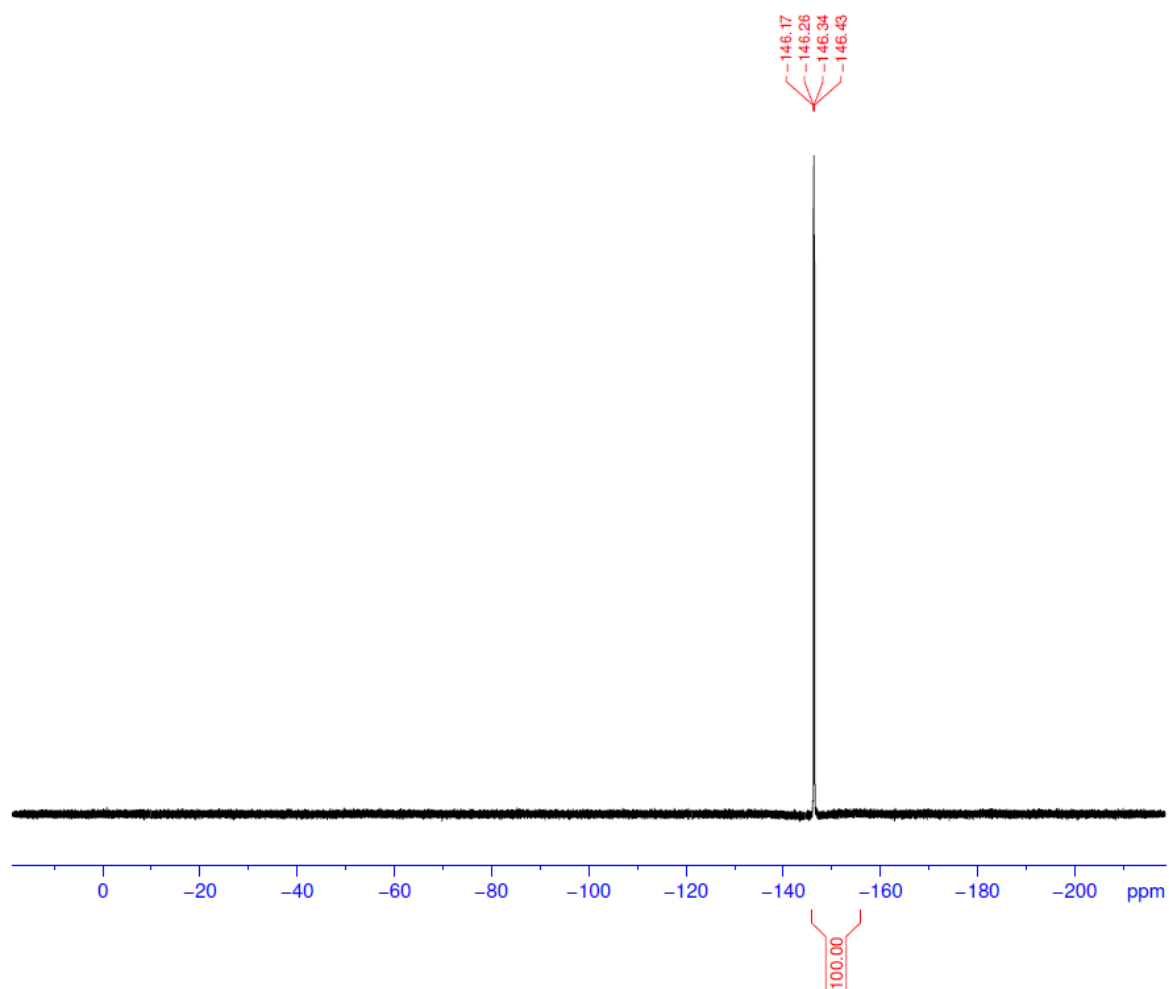


Figure S9. ^{19}F NMR of (4) tetramethyl-4,4-difluoro-4-bora-3a,4a-diazaindacene)methyl]phenoxy]ethyl (4-nitrophenyl) carbonate.

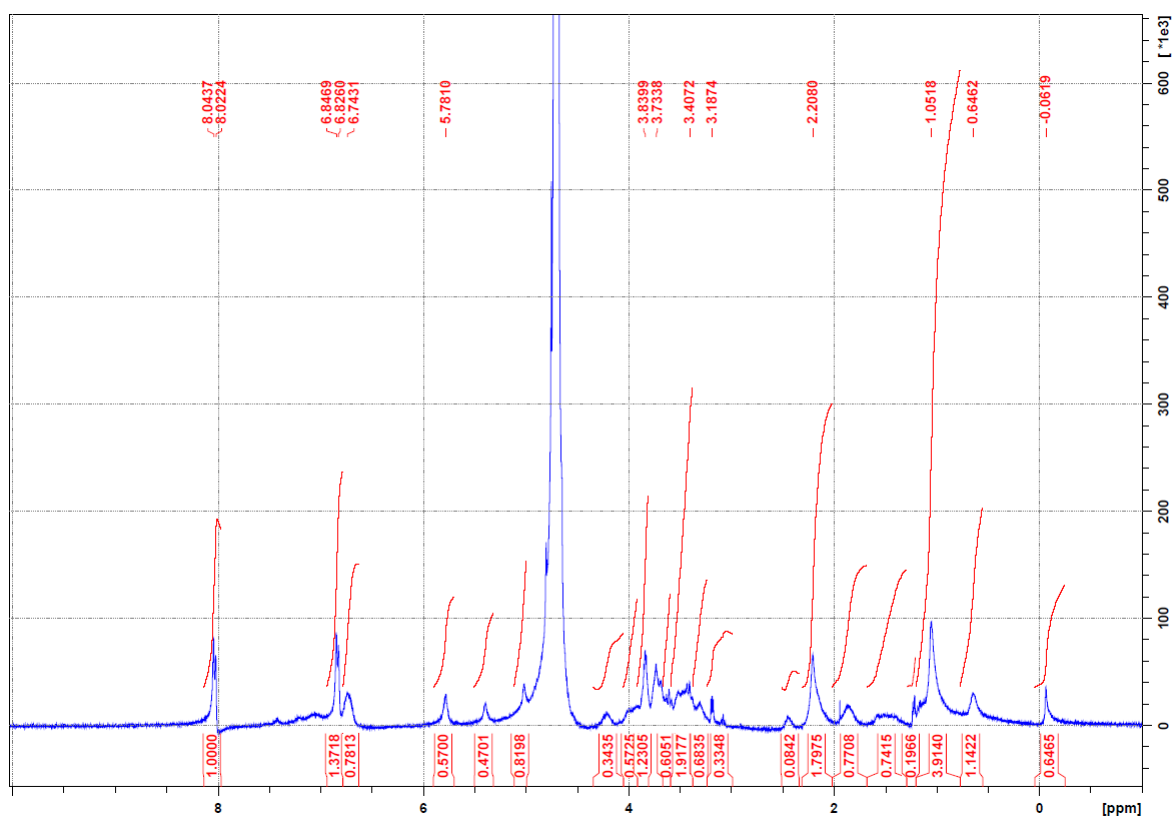


Figure S10. ¹H NMR of the fluorescent tobramycin derivative (B).

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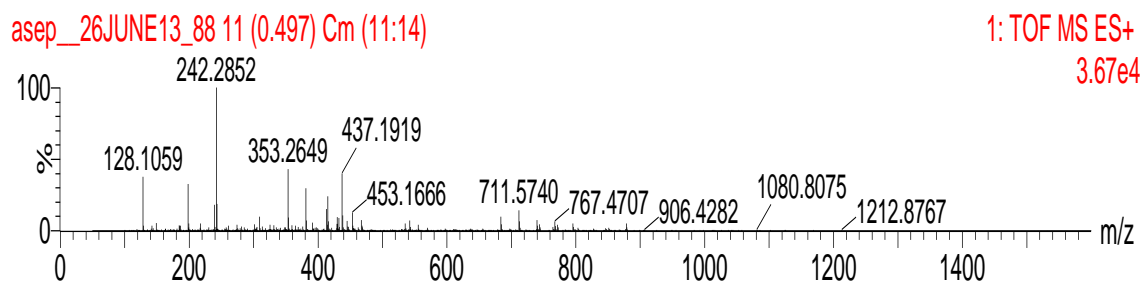
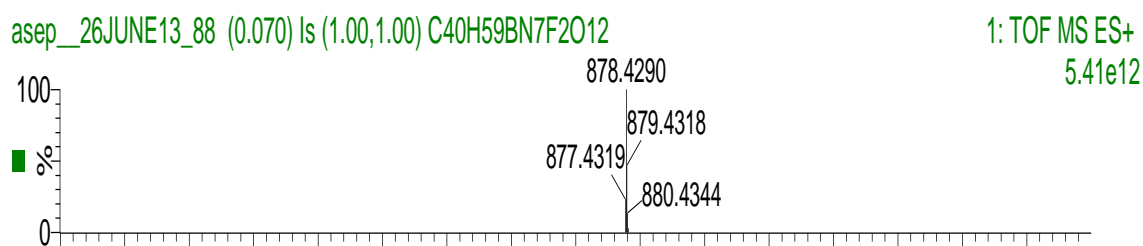


Figure S11. Mass spectrometry data for the fluorescent tobramycin derivative (B).

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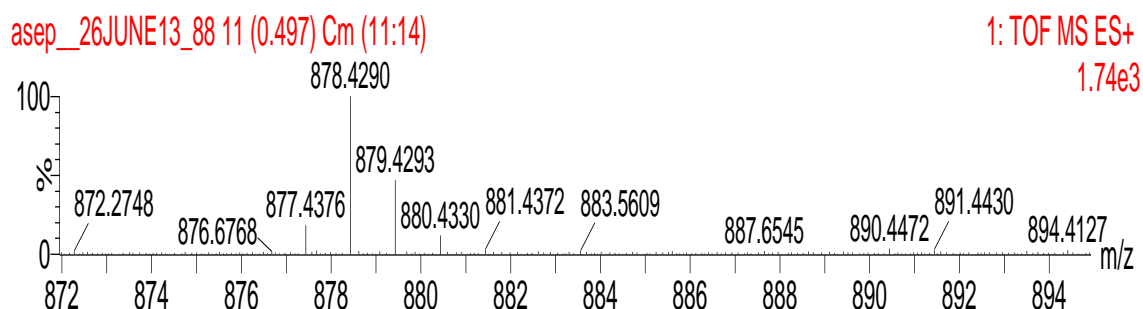
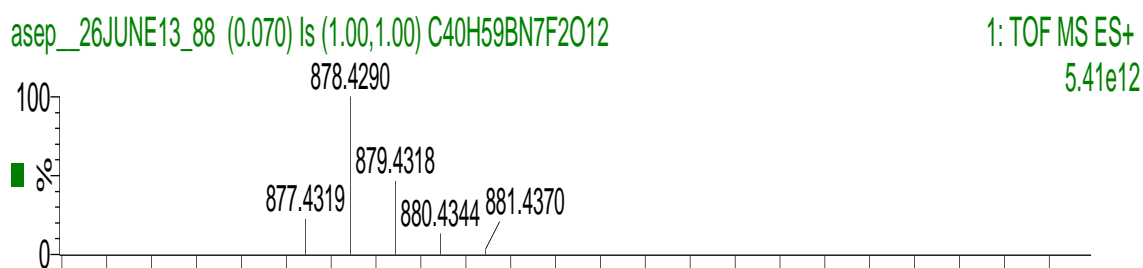


Figure S12. Mass spectrometry data for the fluorescent tobramycin derivative (B).

Elemental Composition Report

Single Mass Analysis

Tolerance = 2.0 PPM / DBE: min = -1.5, max = 50.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 4

Monoisotopic Mass, Even Electron Ions

955 formula(e) evaluated with 2 results within limits (all results (up to 1000) for each mass)

Elements Used:

C: 0-80 H: 0-120 B: 0-1 N: 4-7 O: 0-12 F: 2-2

Minimum: -1.5

Maximum: 5.0 2.0 50.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Formula
878.4290	878.4283	0.7	0.8	14.5	1.6	C40 H59 B N7 O12 F2

Figure S13. Elemental composition report for the fluorescent tobramycin derivative (B).

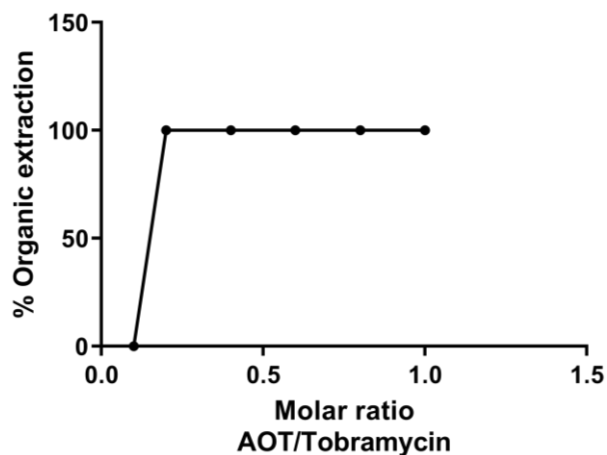


Figure S14. Effect of the molar ratio of AOT:tobramycin on the extraction of tobramycin into dichloromethane.

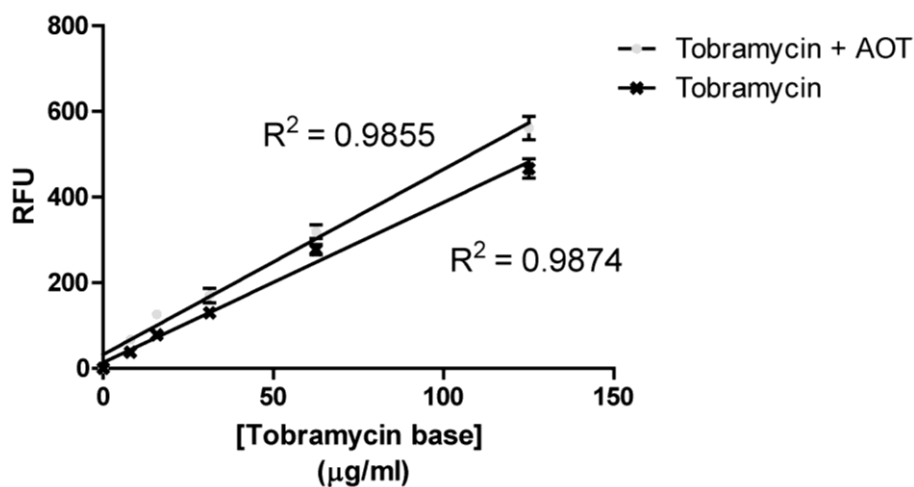


Figure S15. Tobramycin calibration curve in the absence/presence of AOT.