Supporting Information

Org. Commun. 11:x (2018) xx-xx

Synthesis and optical properties of some isoindole-1,3-dione compounds: Optical band gap, refractive index, and absorbance band edge

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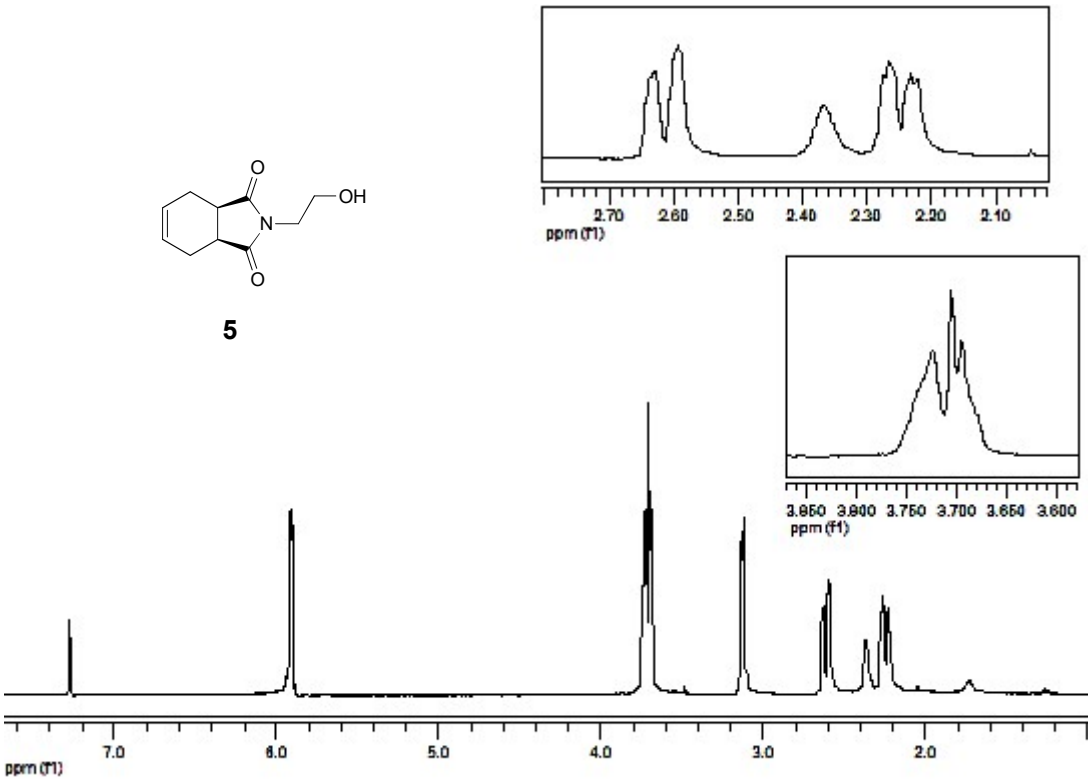


Figure S1: 400 MHz ^{1}H-NMR spectrum of compound **5**

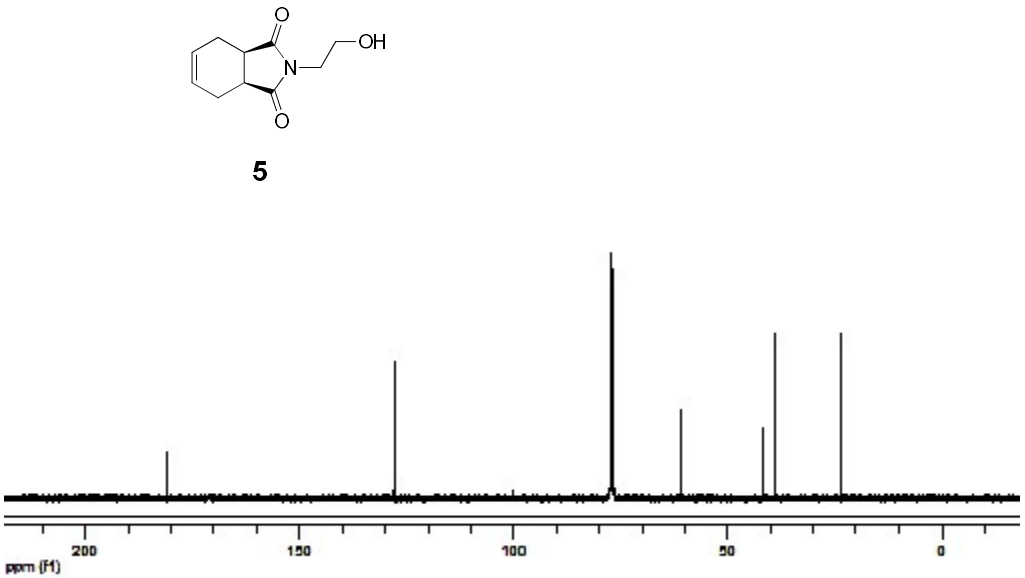


Figure S2: 100 MHz ^{13}C-NMR spectrum of compounds **5**

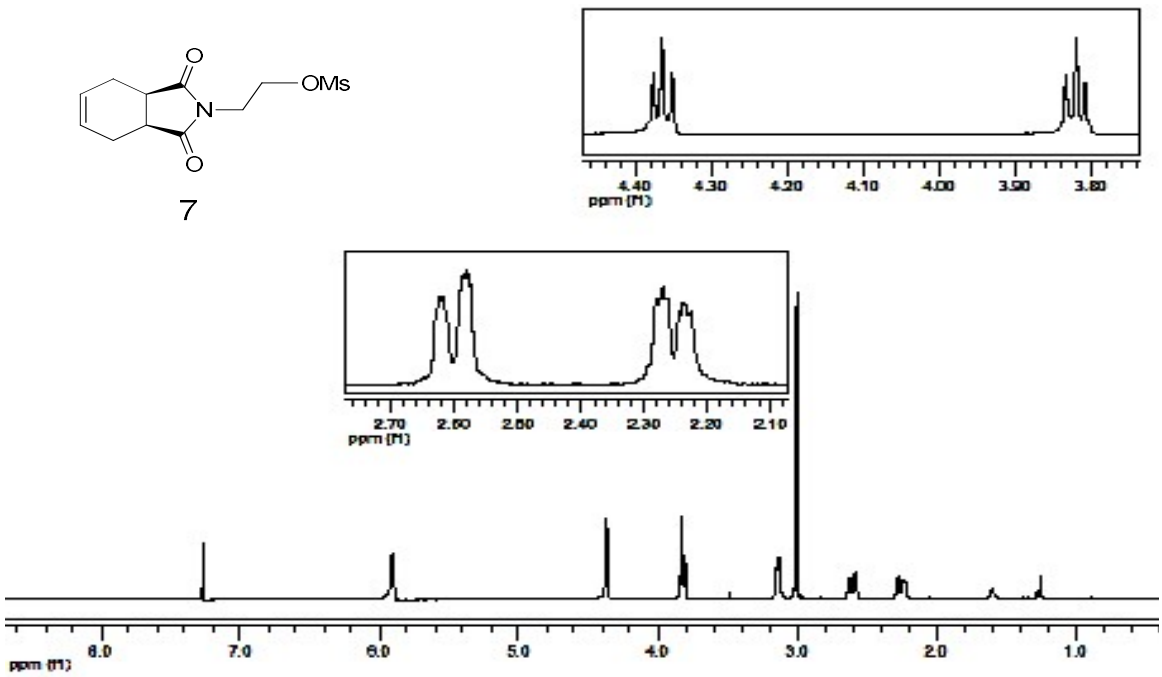


Figure S3: 400 MHz ^{1}H-NMR spectrum of compound **7**

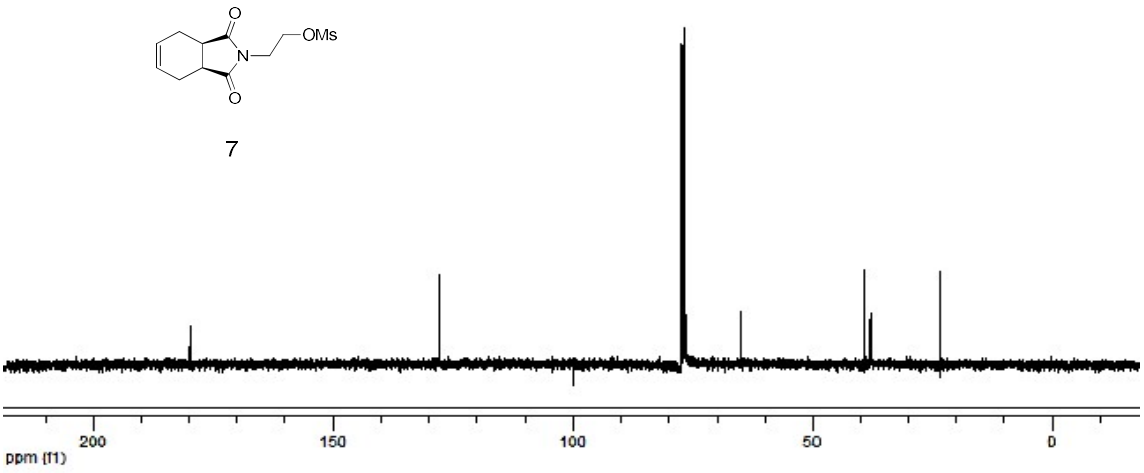


Figure S4: 100 MHz ^{13}C-NMR spectrum of compound **7**

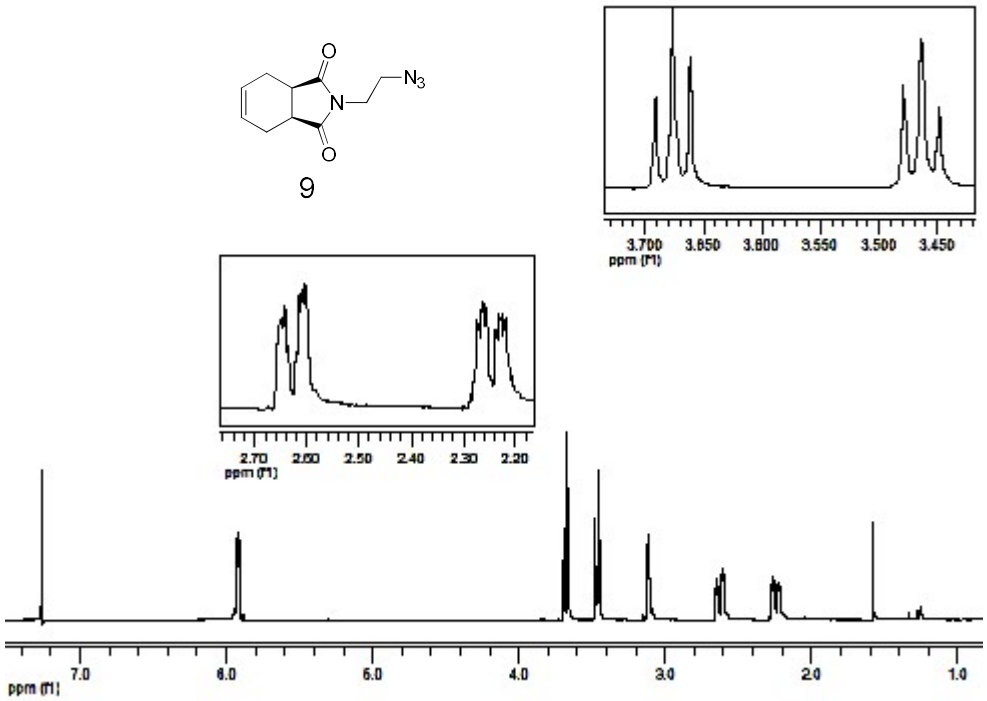


Figure S5: 400 MHz ^{1}H-NMR spectrum of compound **9**

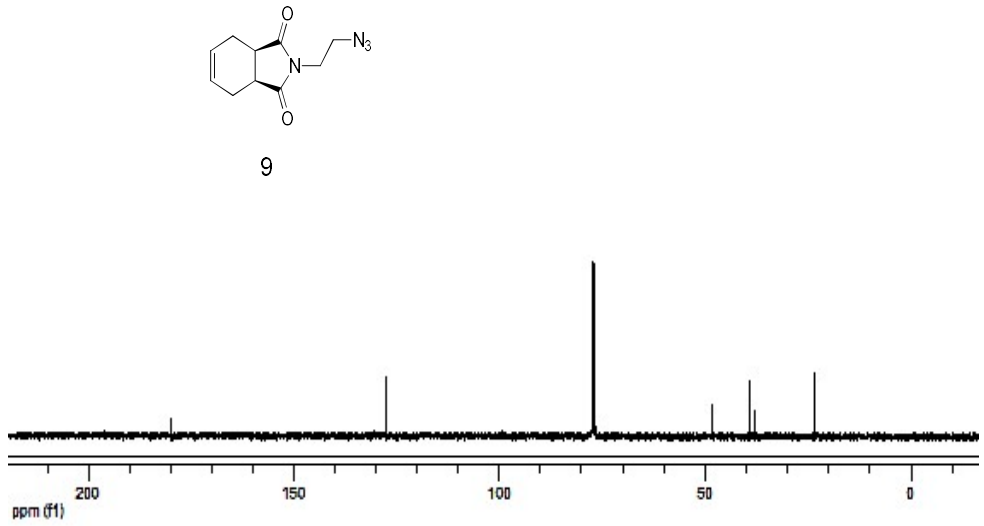


Figure S6: 100 MHz ^{13}C-NMR spectrum of compound **9**

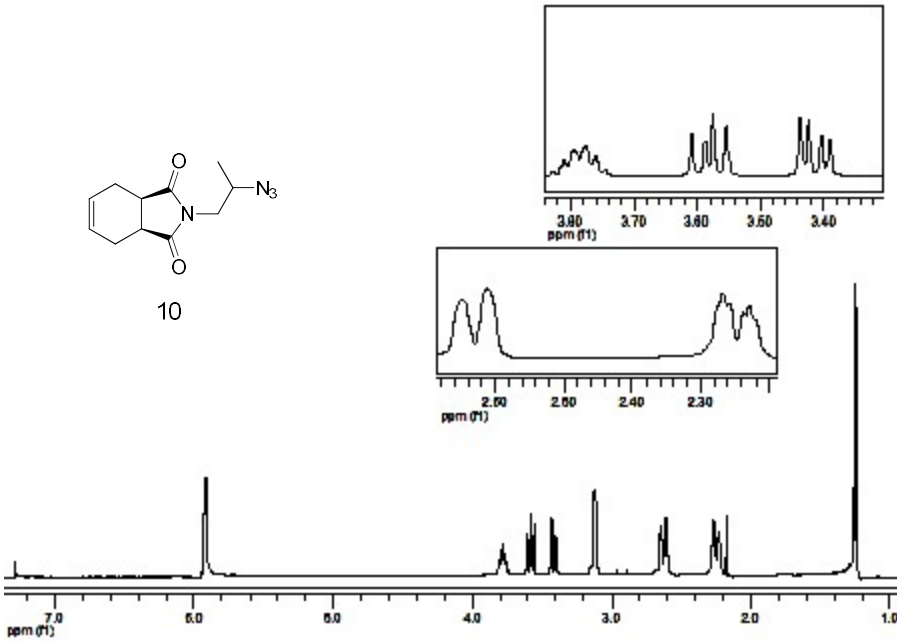


Figure S7: 400 MHz ^{1}H-NMR spectrum of compound **10**

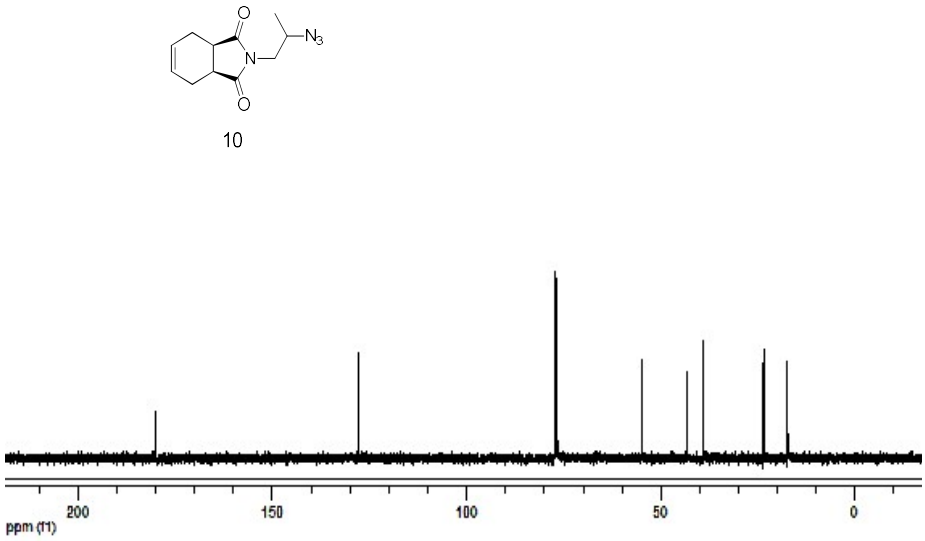


Figure S8: 100 MHz ^{13}C-NMR spectrum of compound **10**

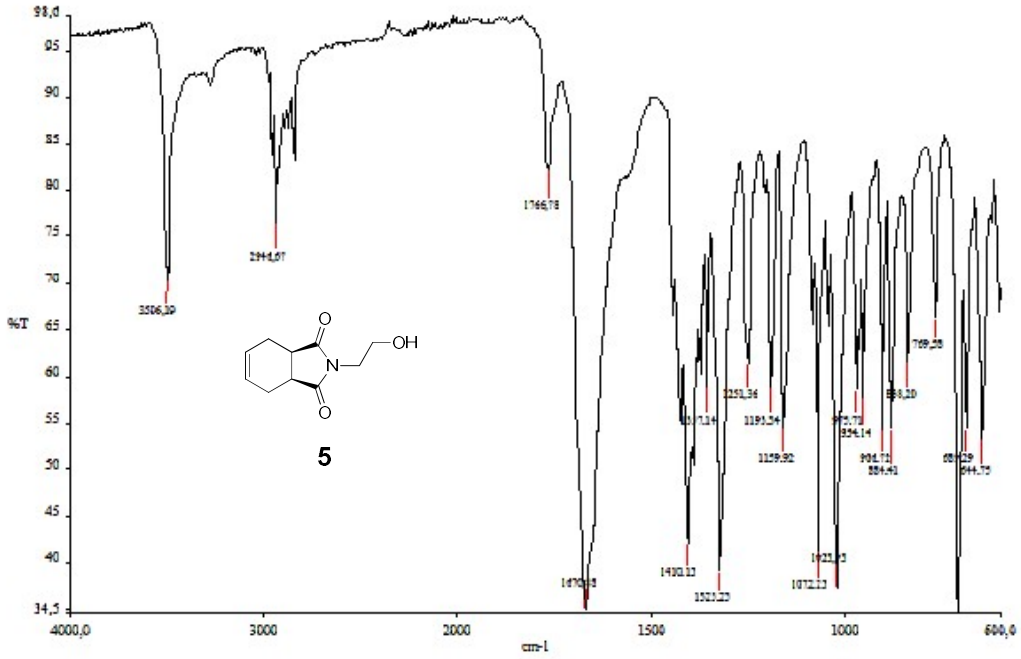


Figure S9: FT-IR spectrum of compound **5**

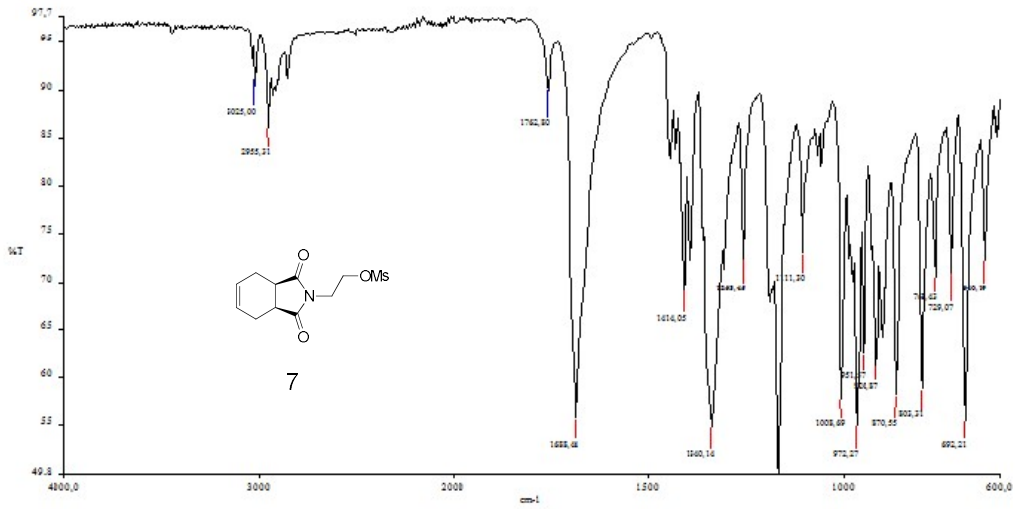


Figure S10: FT-IR spectrum of compound **7**

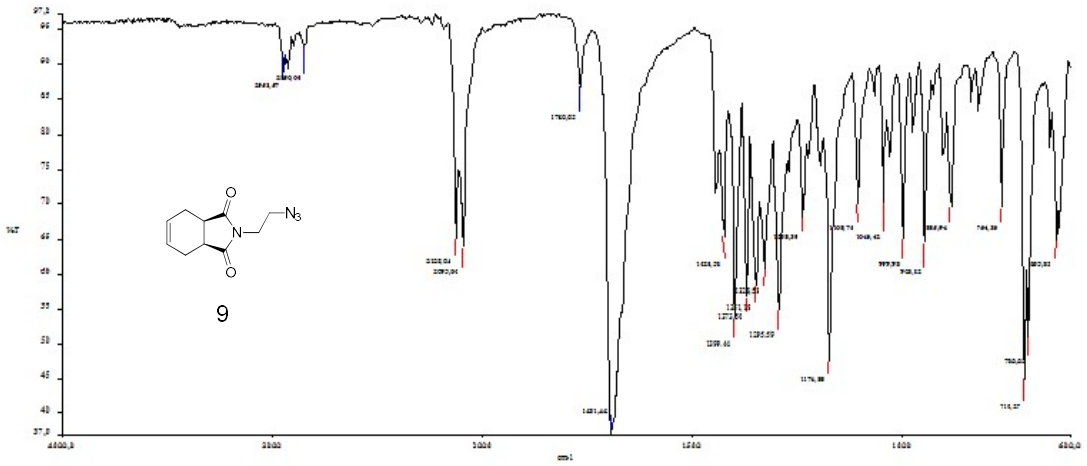


Figure 11: FT-IR spectrum of compound **9**

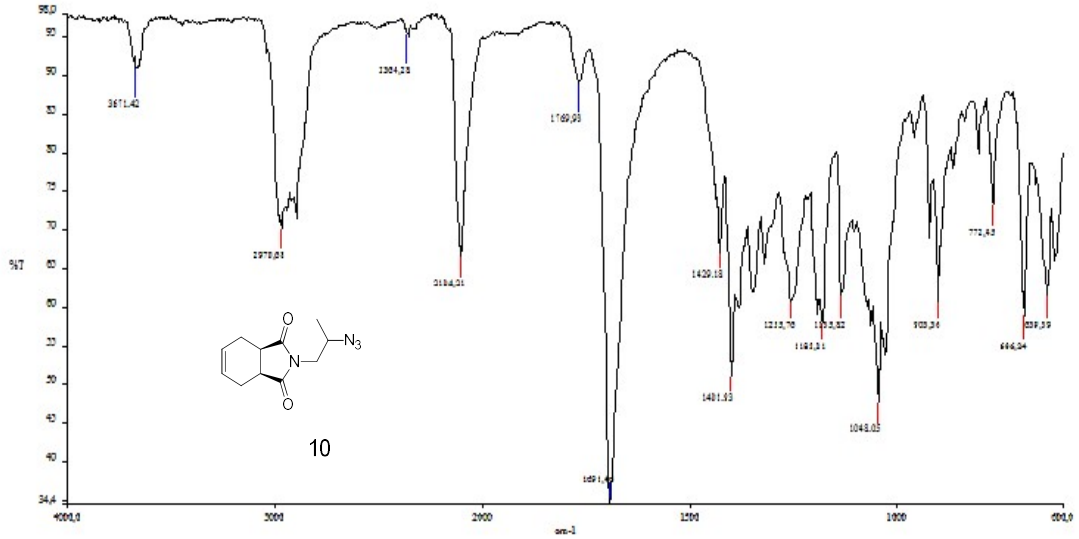
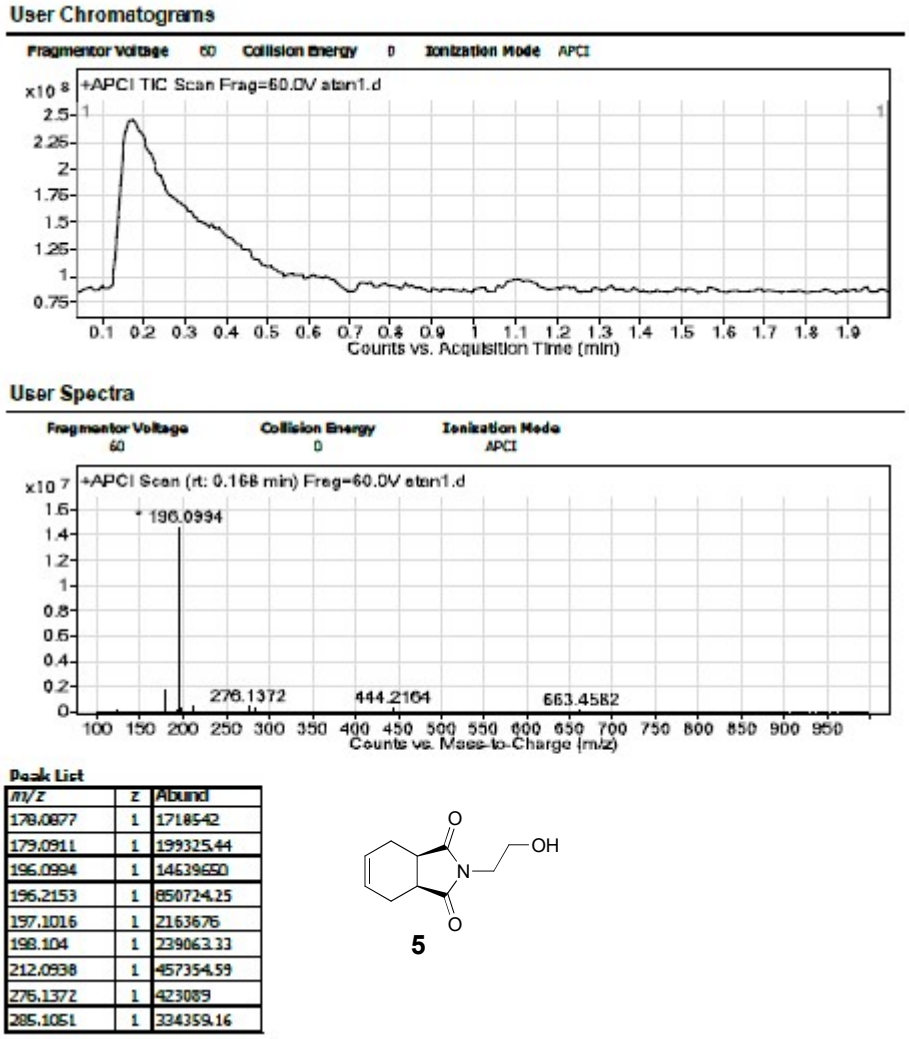


Figure S12: FT-IR spectrum of compound **10**



m/z	z	Abund
178.0877	1	1718542
179.0911	1	199325.44
196.0994	1	14639650
196.2153	1	850724.25
197.1016	1	2163676
198.104	1	239063.33
212.0938	1	457354.59
276.1372	1	423089
285.1051	1	334359.16

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Figure S13: Mass spectrum of compound **5**

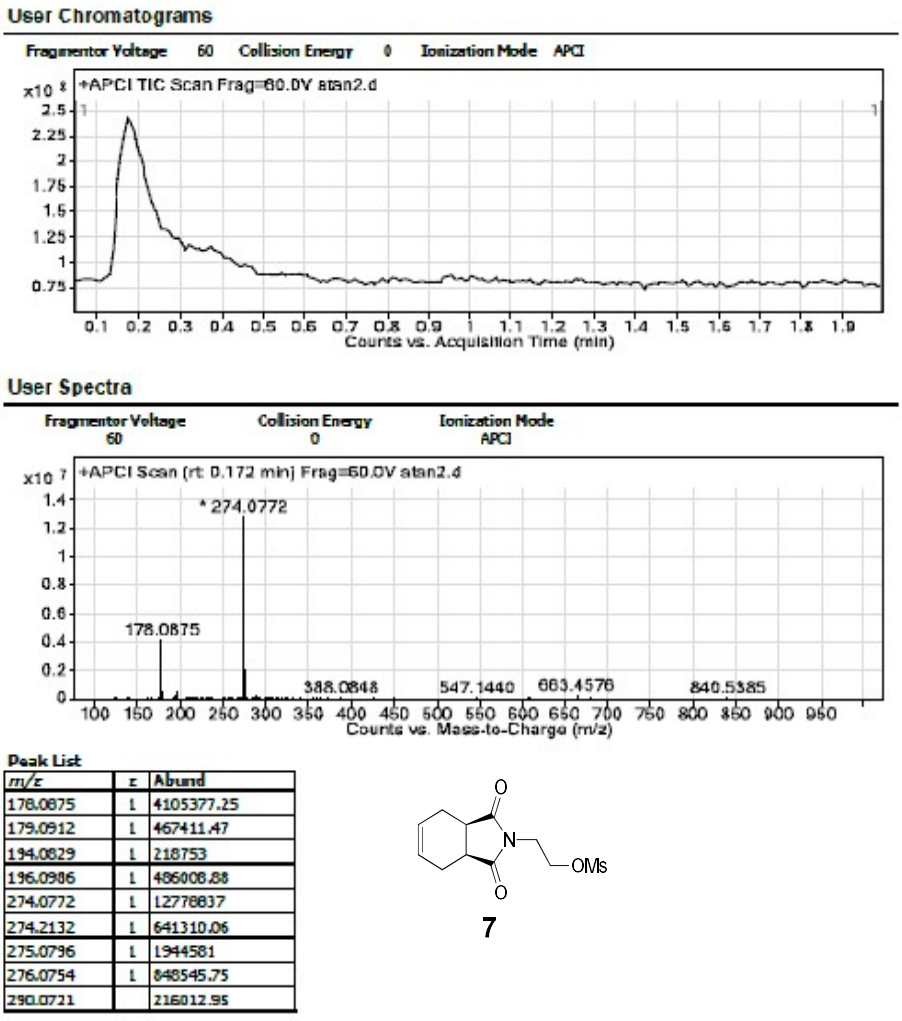


Figure S14: Mass spectrum of compound **7**

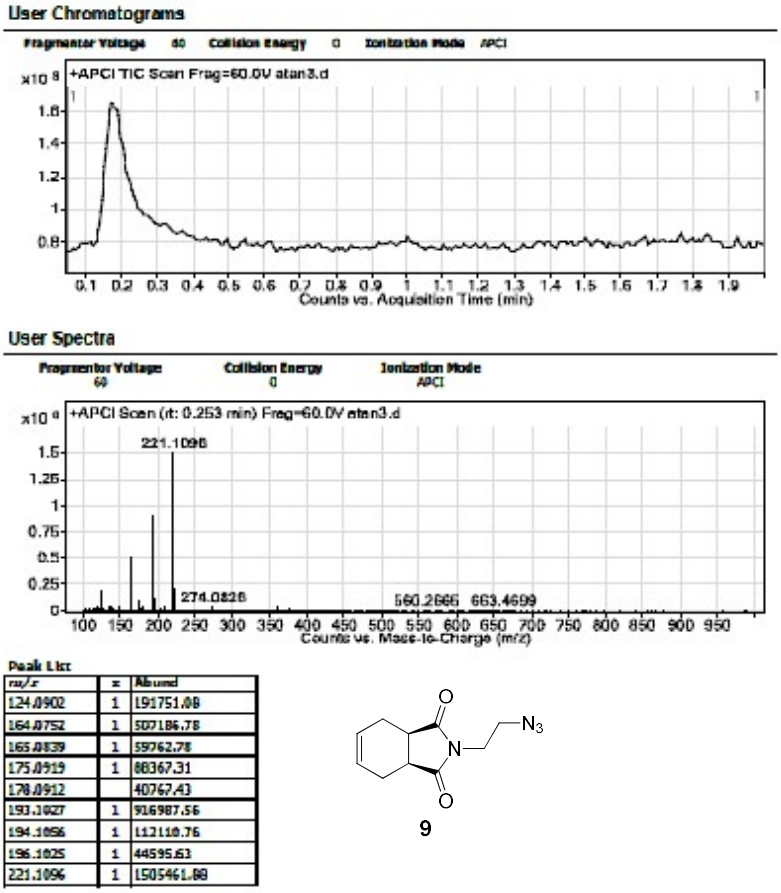
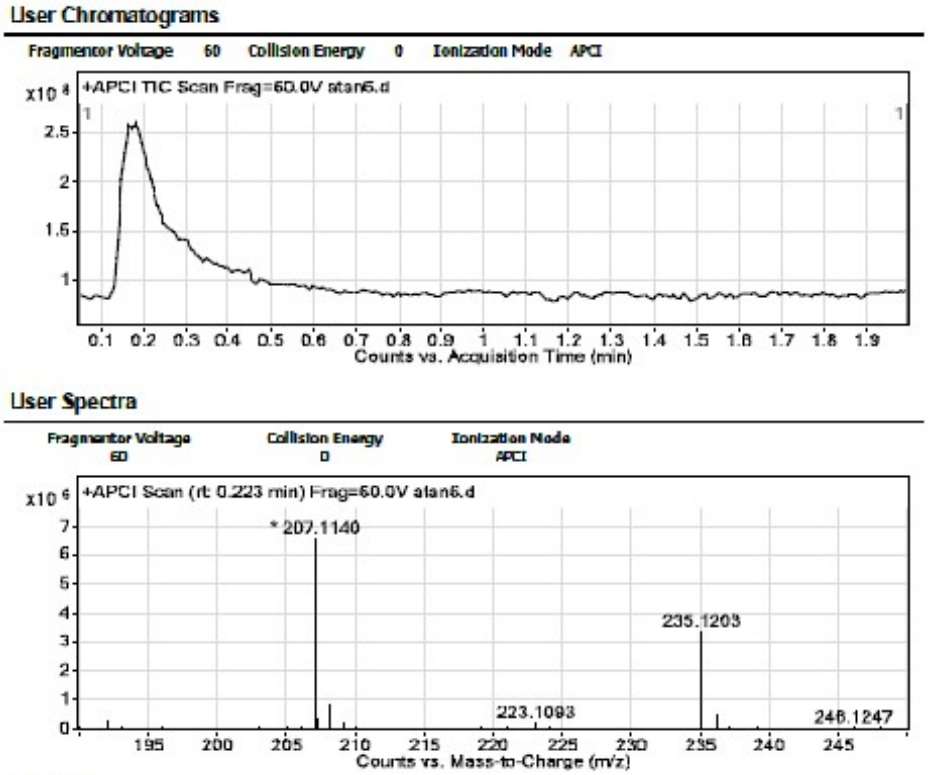


Figure S15: Mass spectrum of compound **9**



Peak List

m/z	z	Abund
164.0717	1	246825.11
189.1034	1	199424.75
192.1033	1	286931.56
207.114	1	6533544.5
207.2358	1	338696.03
208.117	1	858828.44
235.1203	1	3337124
236.1236	1	438520.09
441.2269	1	456677.97

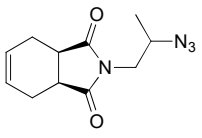


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Figure S16: Mass spectrum of compound **10**