

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

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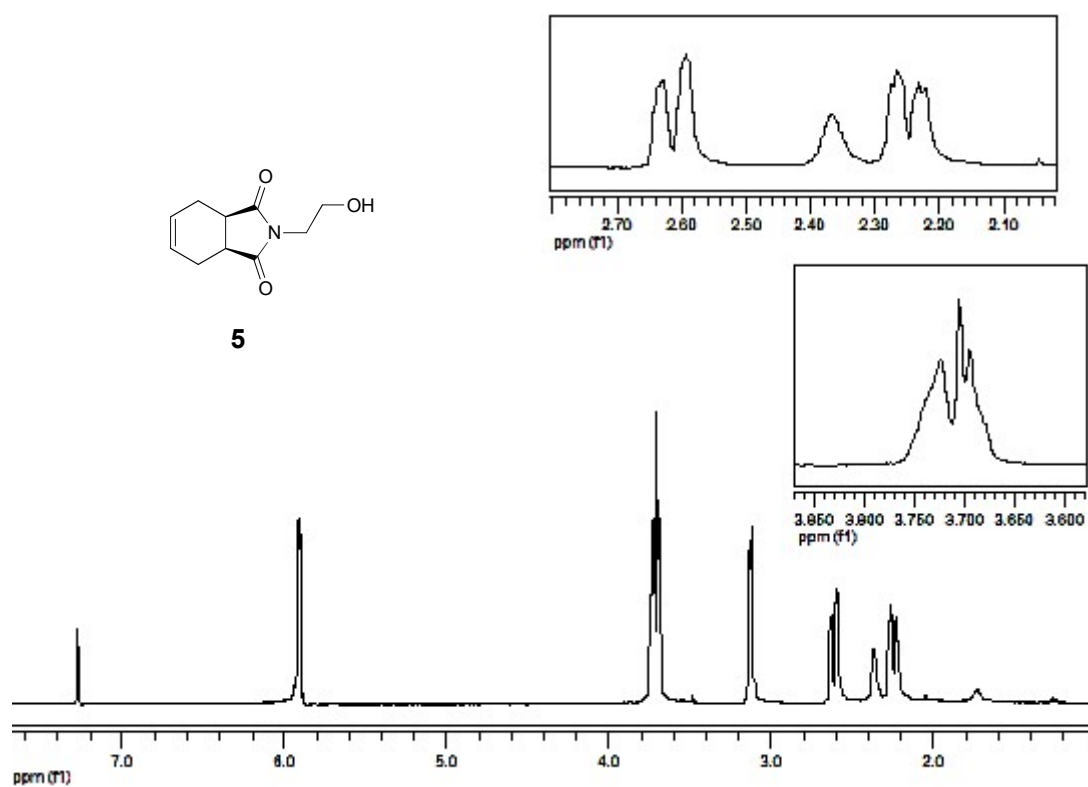


Figure S1: 400 MHz ¹H-NMR spectrum of compound **5**

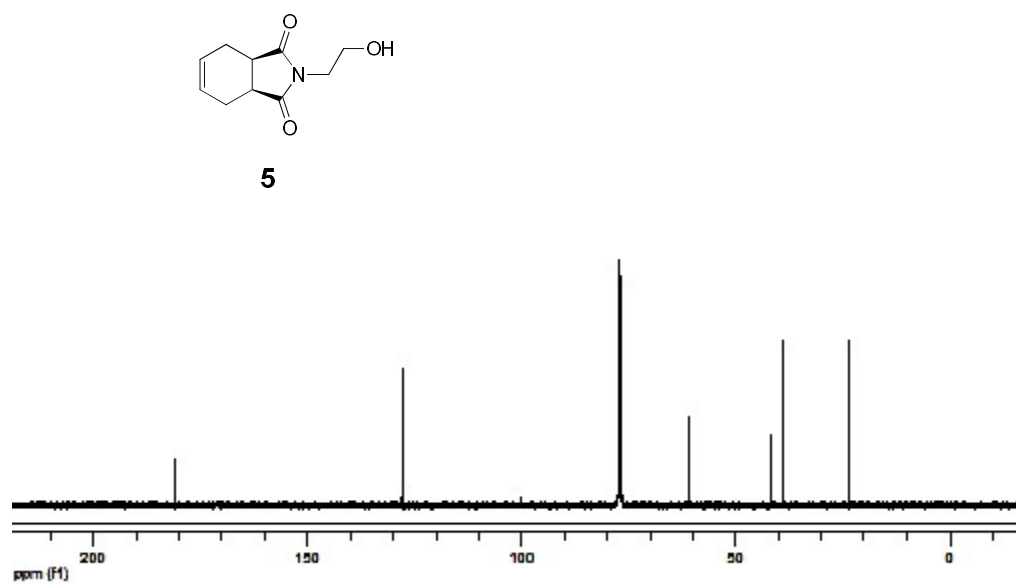


Figure S2: 100 MHz ¹³C-NMR spectrum of compounds **5**

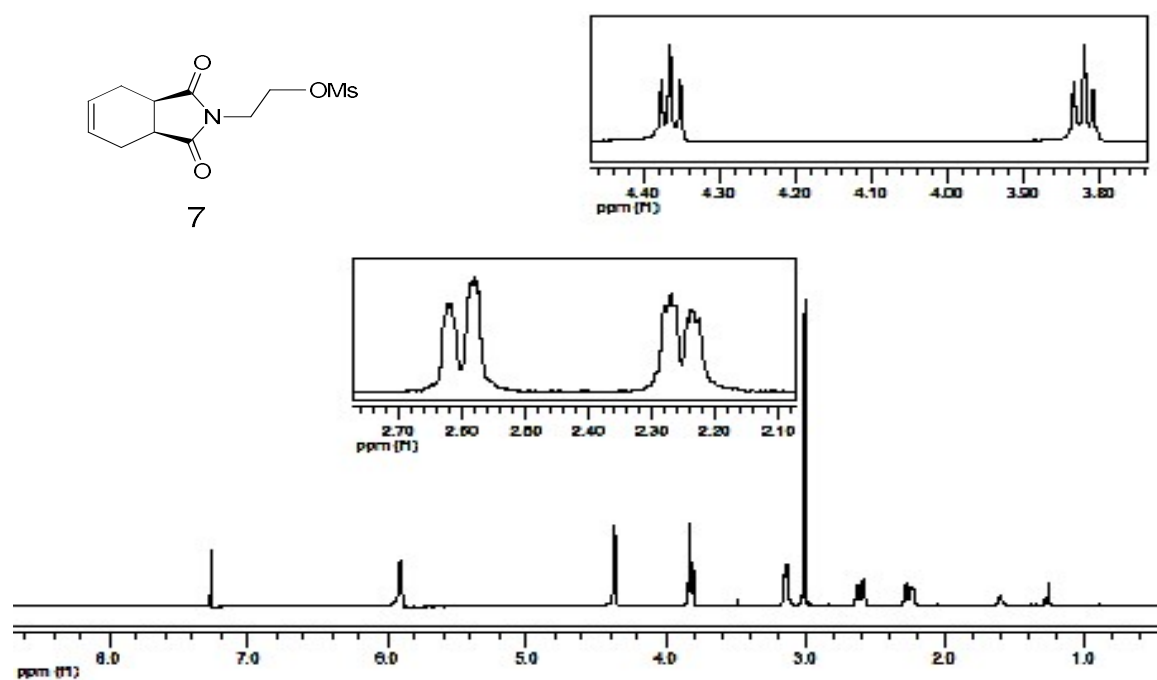


Figure S3: 400 MHz ^1H -NMR spectrum of compound 7

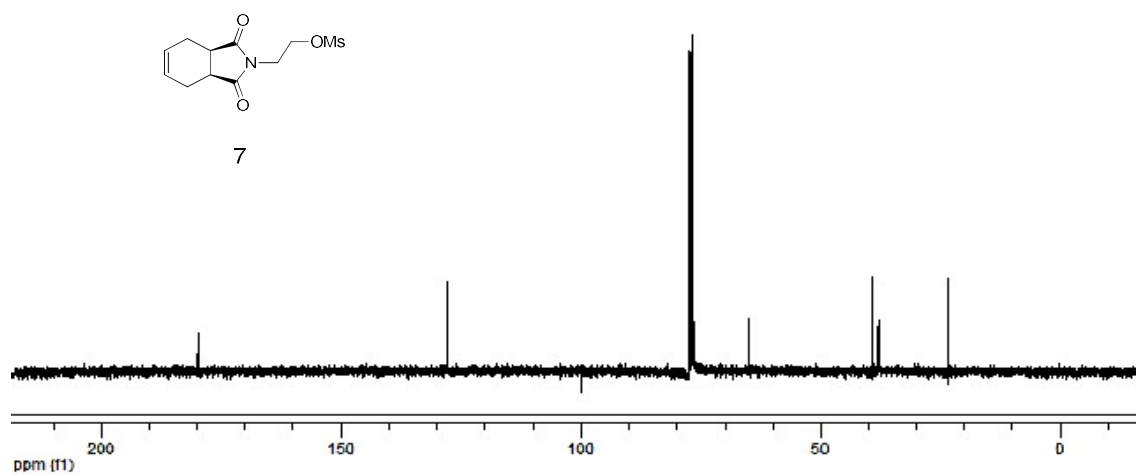


Figure S4: 100 MHz ^{13}C -NMR spectrum of compound 7

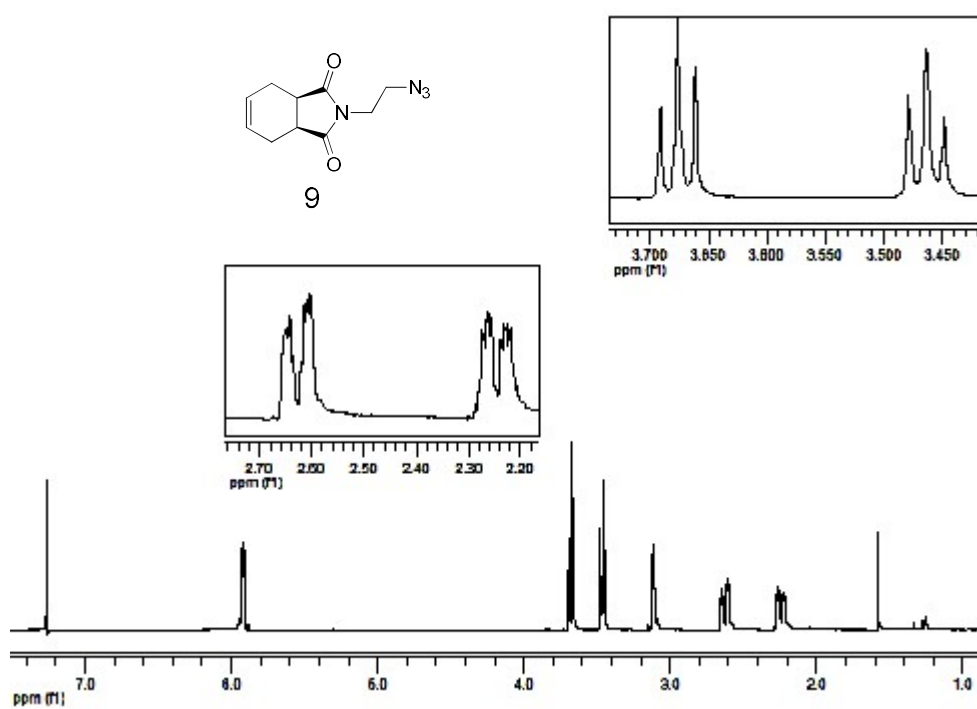


Figure S5: 400 MHz ¹H-NMR spectrum of compound **9**

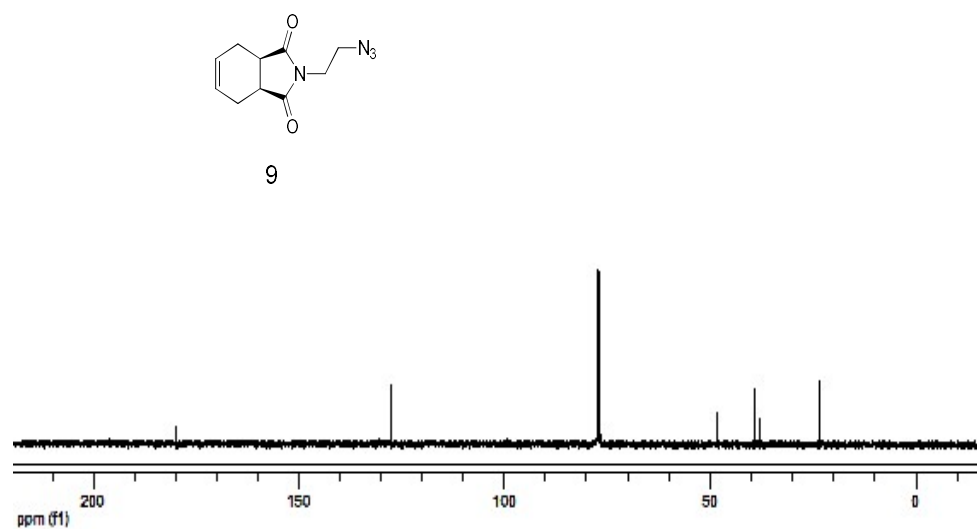


Figure S6: 100 MHz ¹³C-NMR spectrum of compound **9**

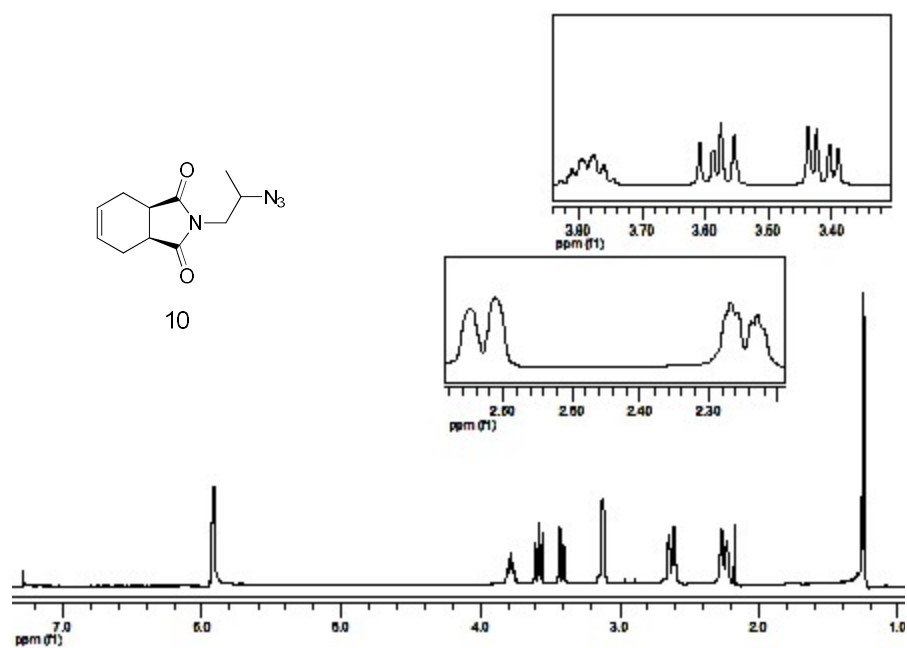


Figure S7: 400 MHz ^1H -NMR spectrum of compound **10**

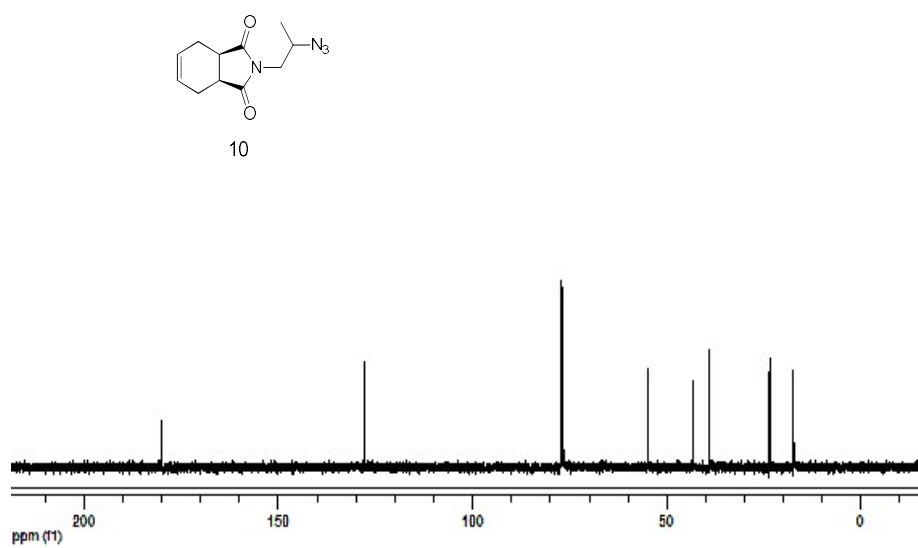


Figure S8: 100 MHz ^{13}C -NMR spectrum of compound **10**

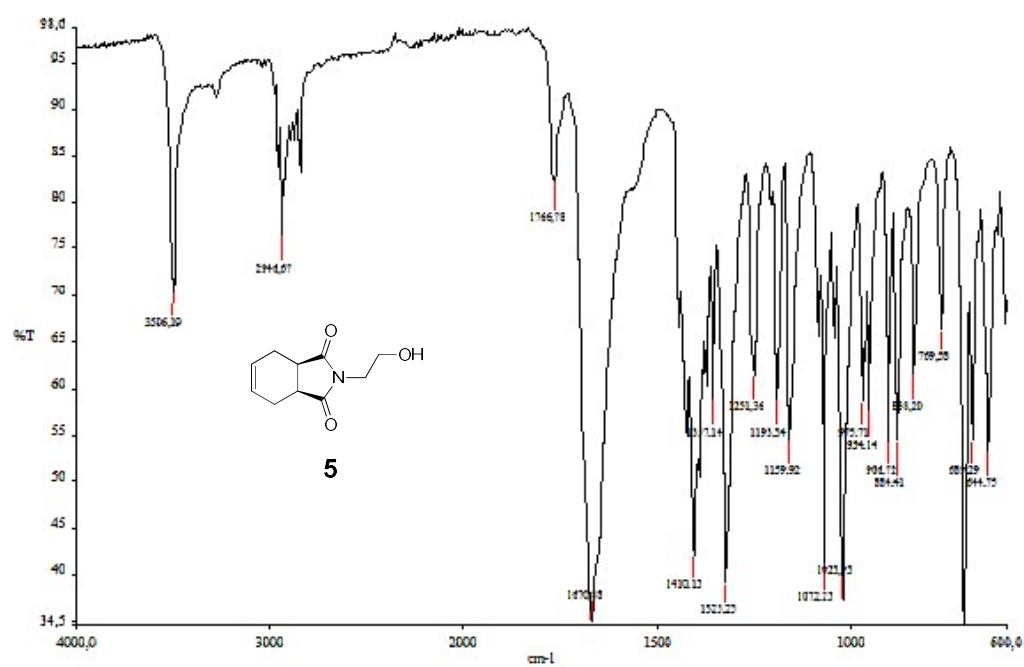


Figure S9: FT-IR spectrum of compound **5**

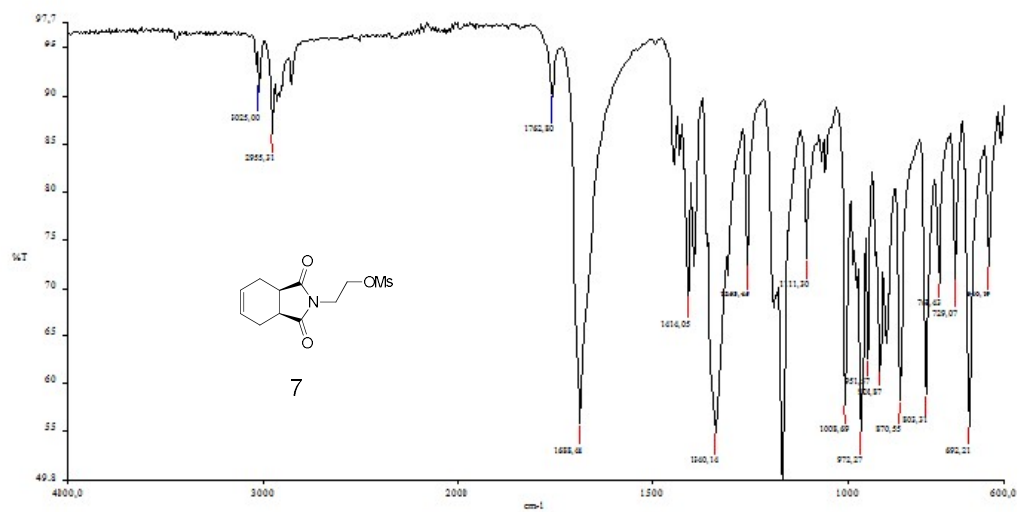


Figure S10: FT-IR spectrum of compound **7**

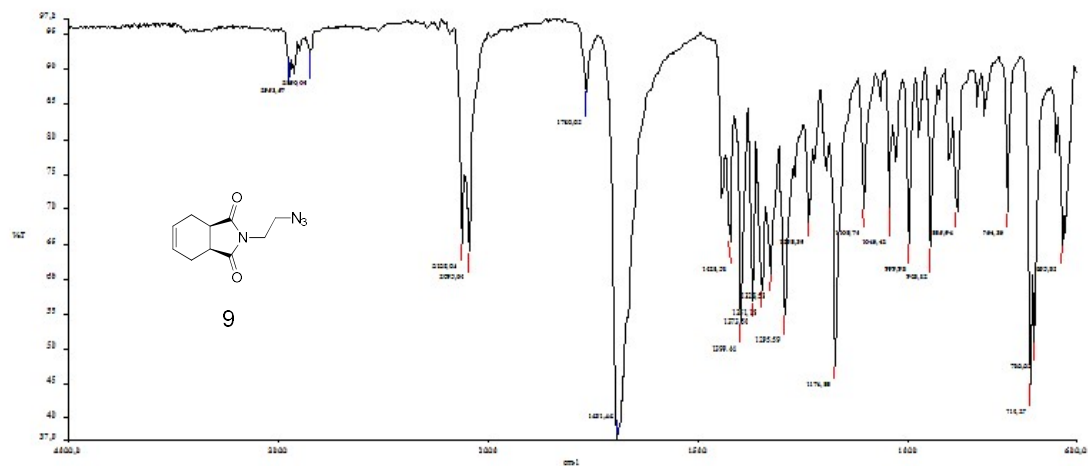


Figure 11: FT-IR spectrum of compound 9

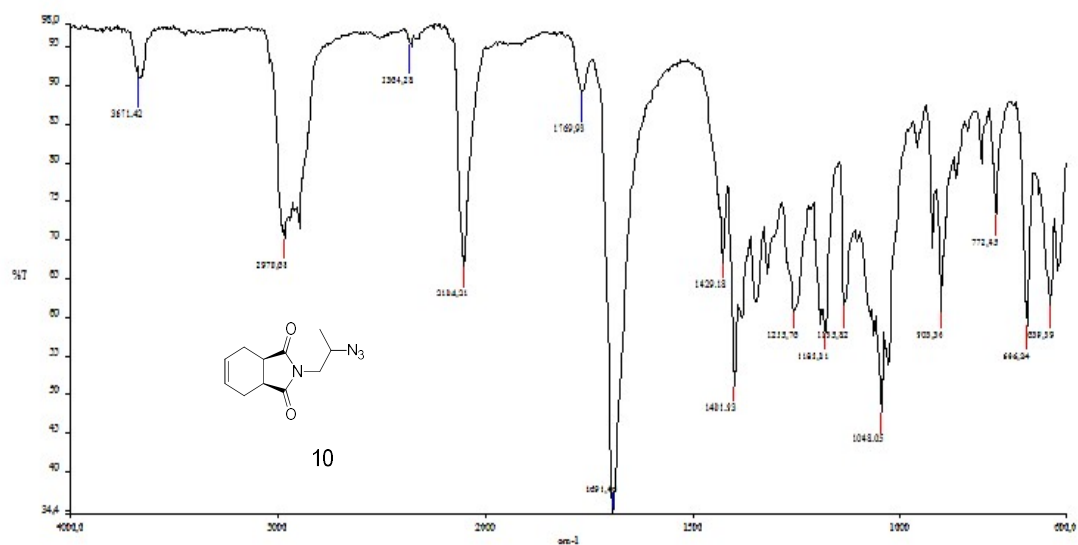
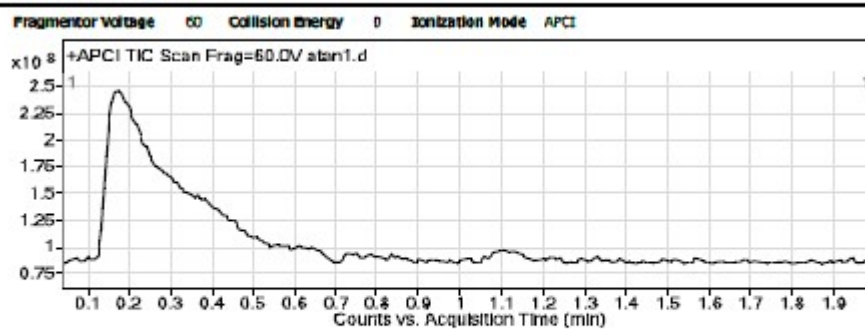
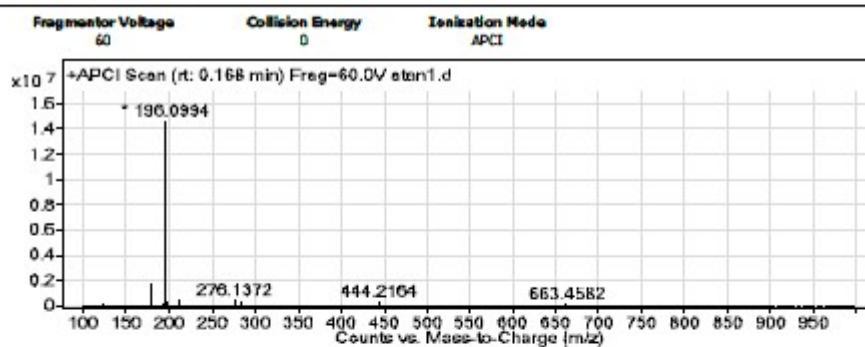


Figure S12: FT-IR spectrum of compound 10

User Chromatograms



User Spectra



Peak List

m/z	z	Abund
178.0877	1	17185.42
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

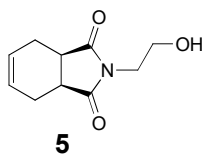
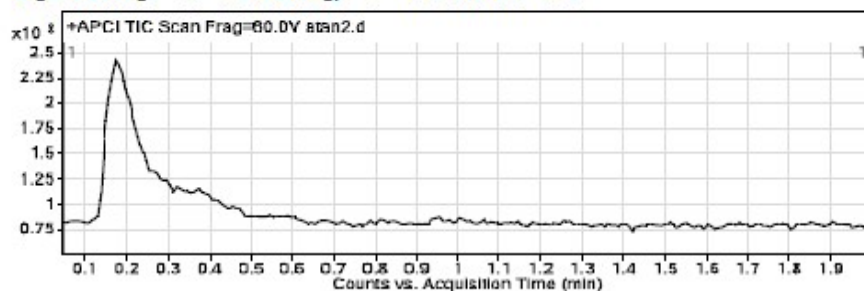


Figure S13: Mass spectrum of compound 5

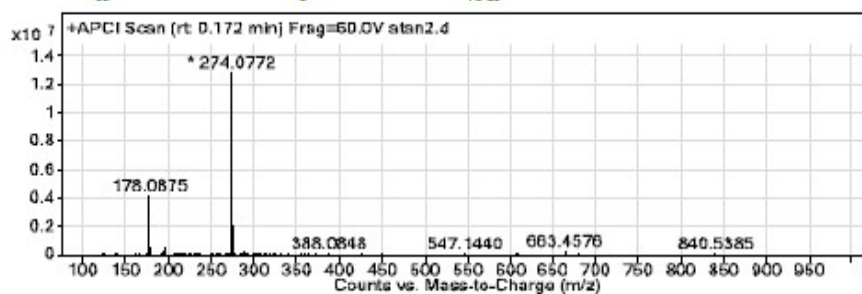
User Chromatograms

Fragmentor Voltage 60 Collision Energy 0 Ionization Mode APCI



User Spectra

Fragmentor Voltage 60 Collision Energy 0 Ionization Mode APCI



Peak List

m/z	z	Abund
178.0875	1	4105377.25
179.0912	1	467411.47
194.0829	1	218753
196.0906	1	486008.88
274.0772	1	12778837
274.2132	1	641310.06
275.0796	1	1944581
276.0754	1	848545.75
290.0721	1	216012.95

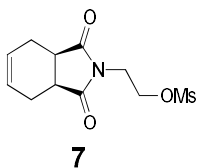
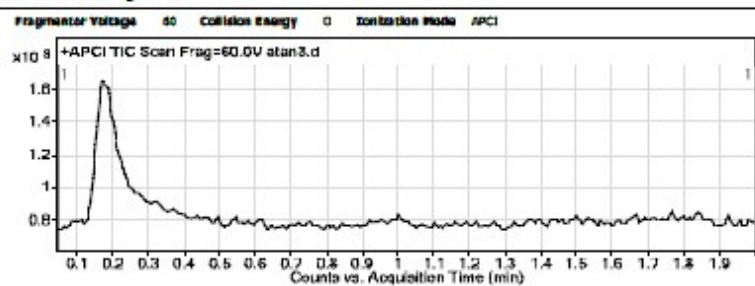
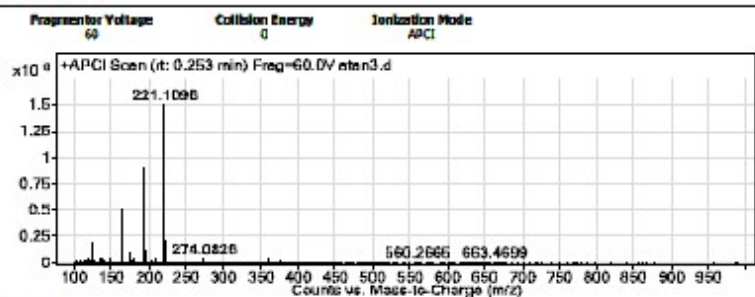


Figure S14: Mass spectrum of compound 7

User Chromatograms



User Spectra



Peak List

m/z	Abund
124.0902	1
164.0752	1
165.0839	1
175.0919	1
193.1027	1
194.1056	1
196.1025	1
221.1096	1

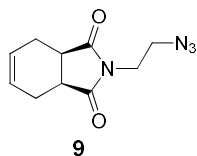
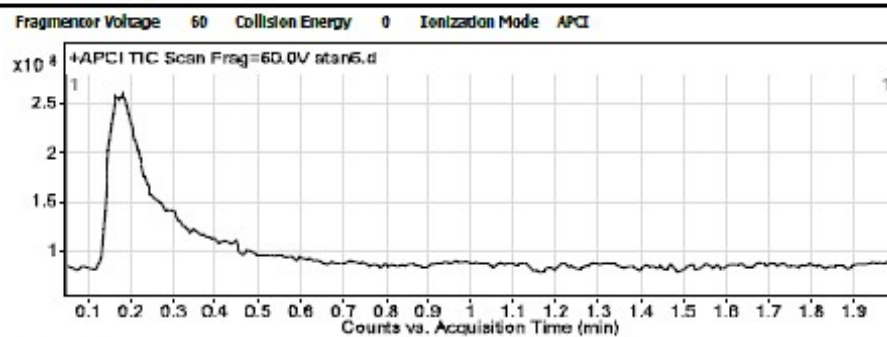
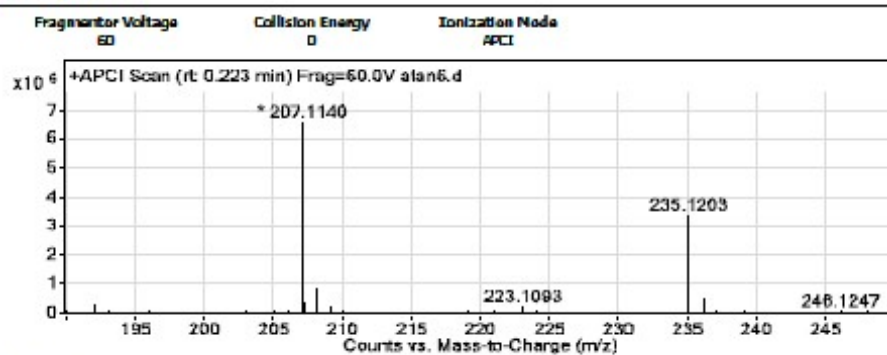


Figure S15: Mass spectrum of compound 9

User Chromatograms



User Spectra



Peak List

m/z	z	Abund
164.0717	1	246829.11
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

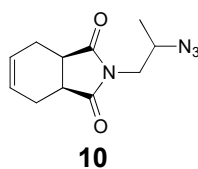


Figure S16: Mass spectrum of compound 10