

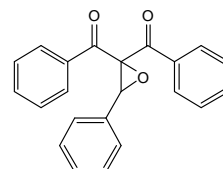
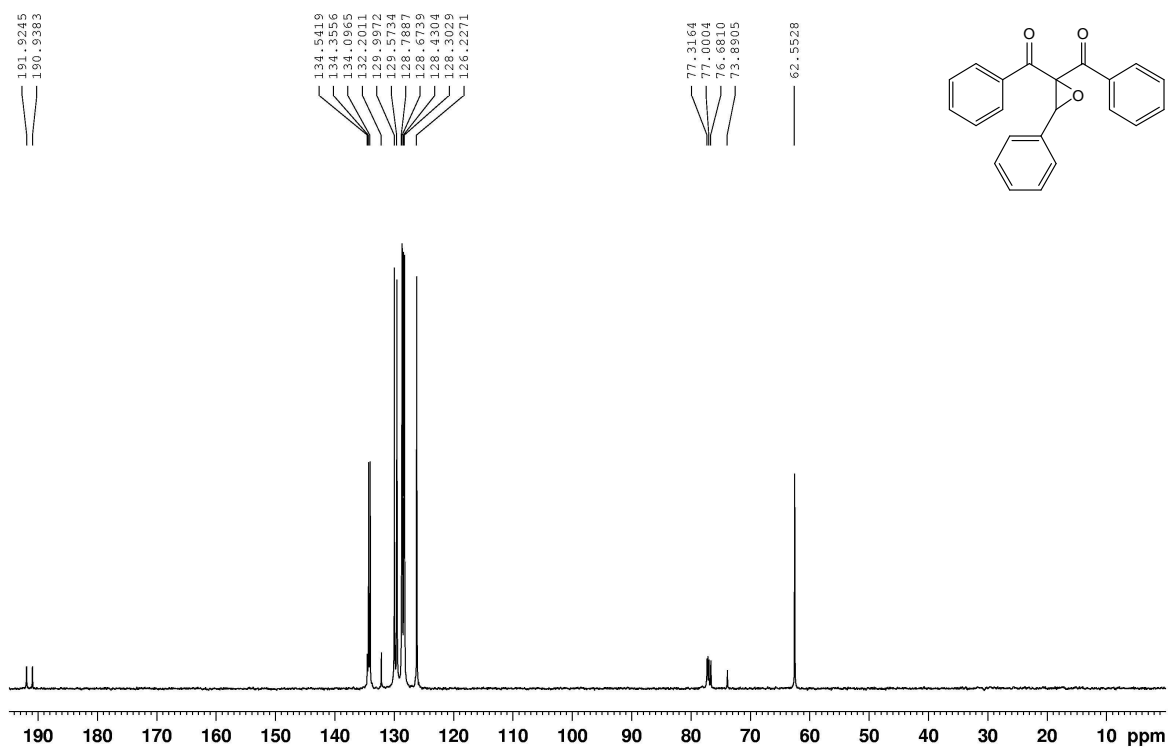
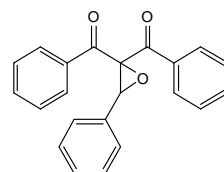
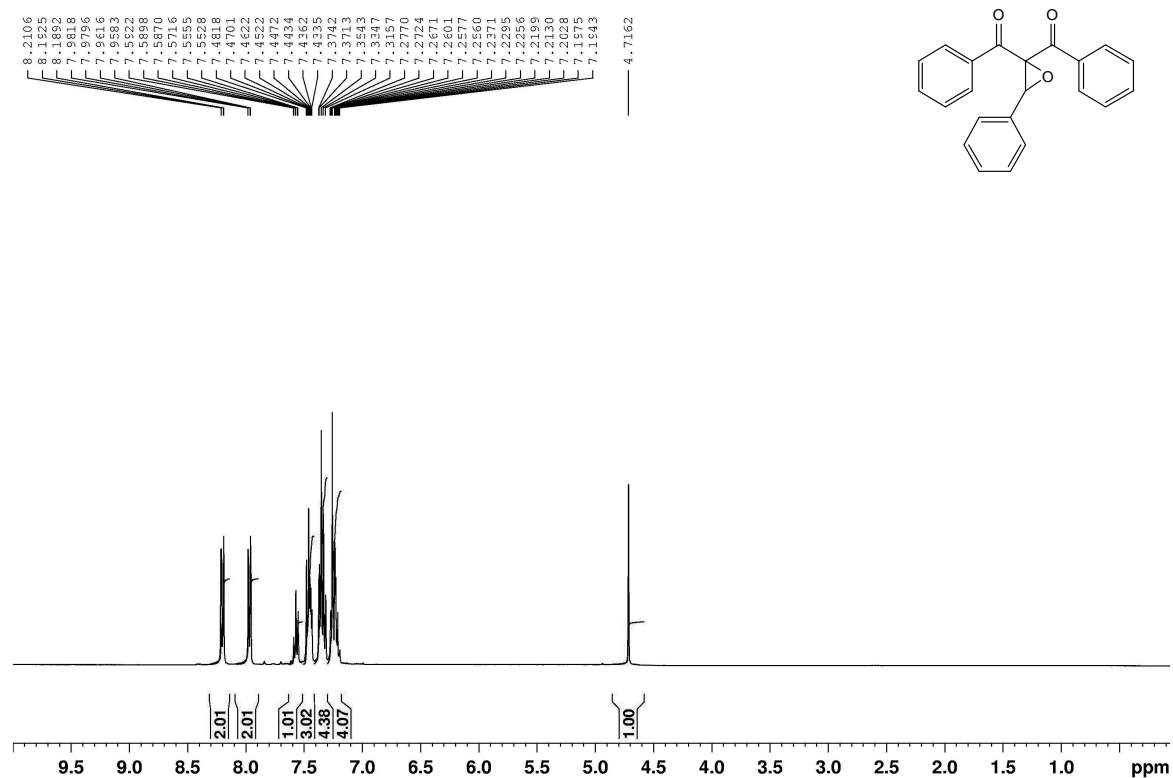
## **Electronic Supplementary Information**

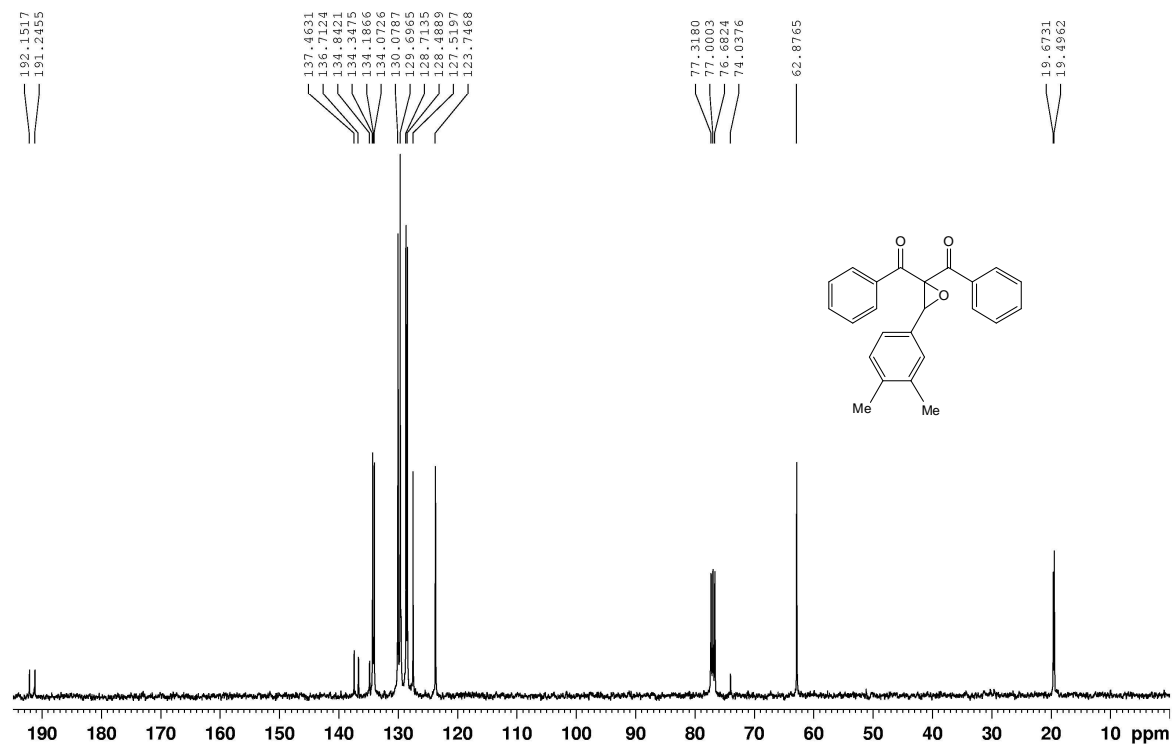
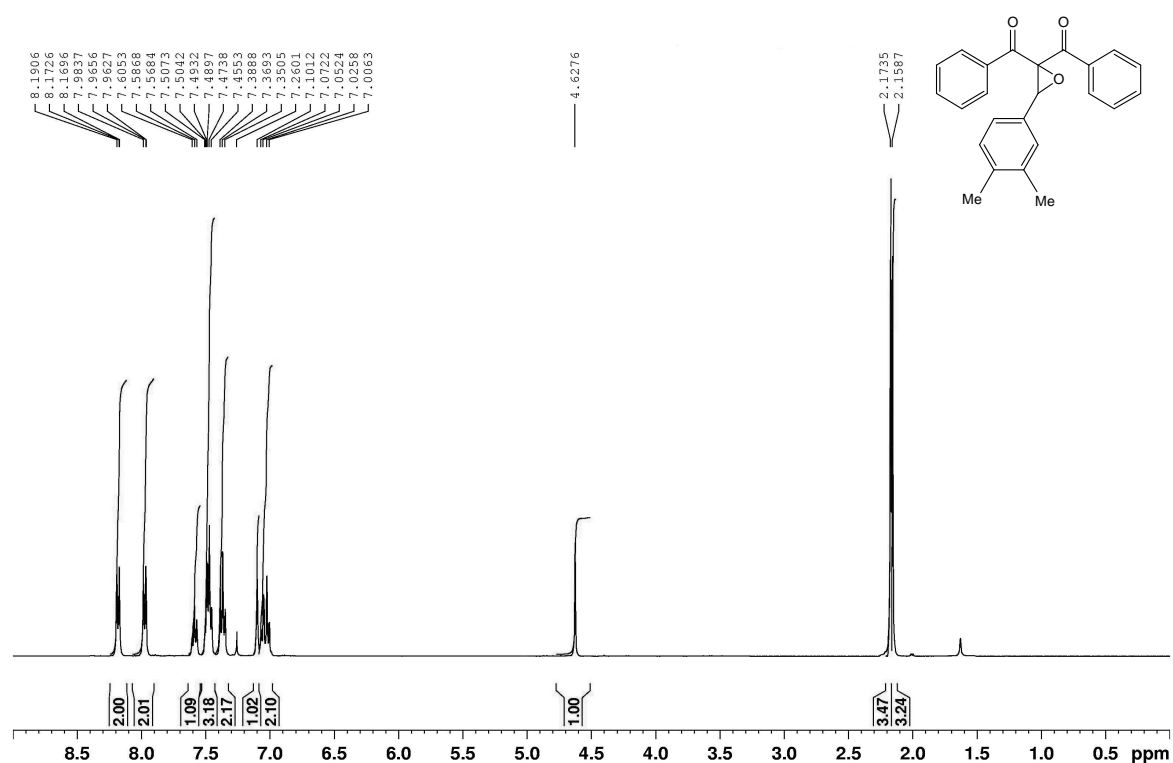
### **Asymmetric Epoxidation of 2-Arylidene-1,3-Diketones: Facile Access to Synthetically Useful Epoxides**

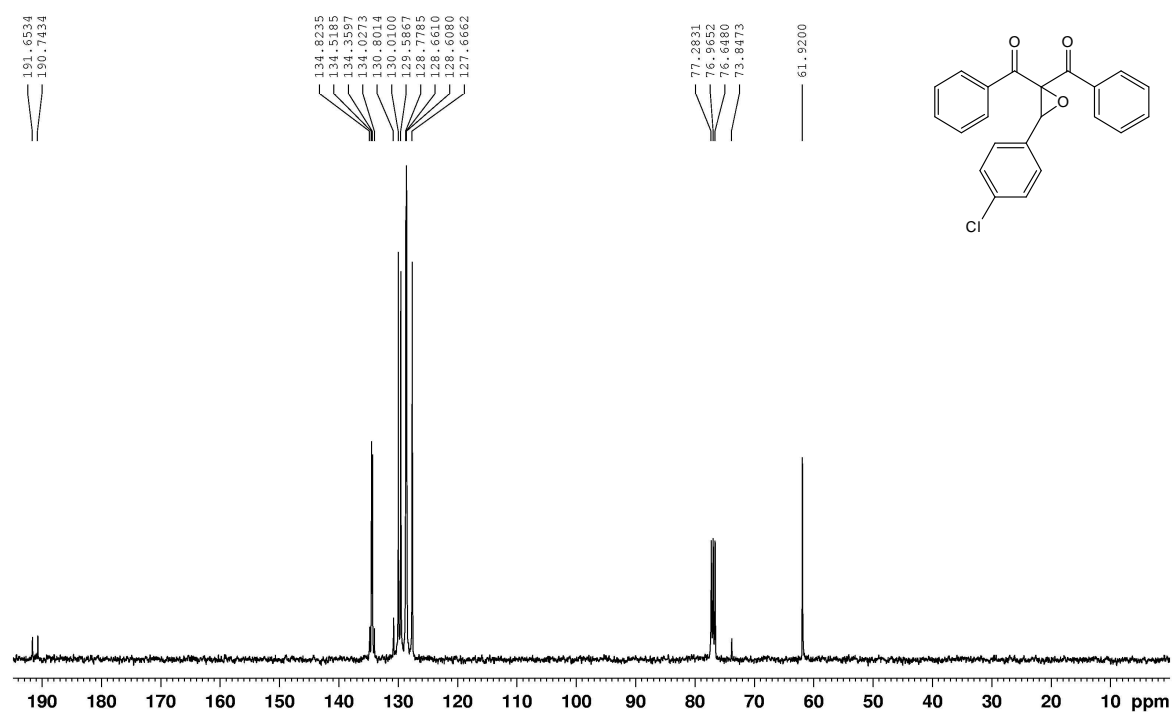
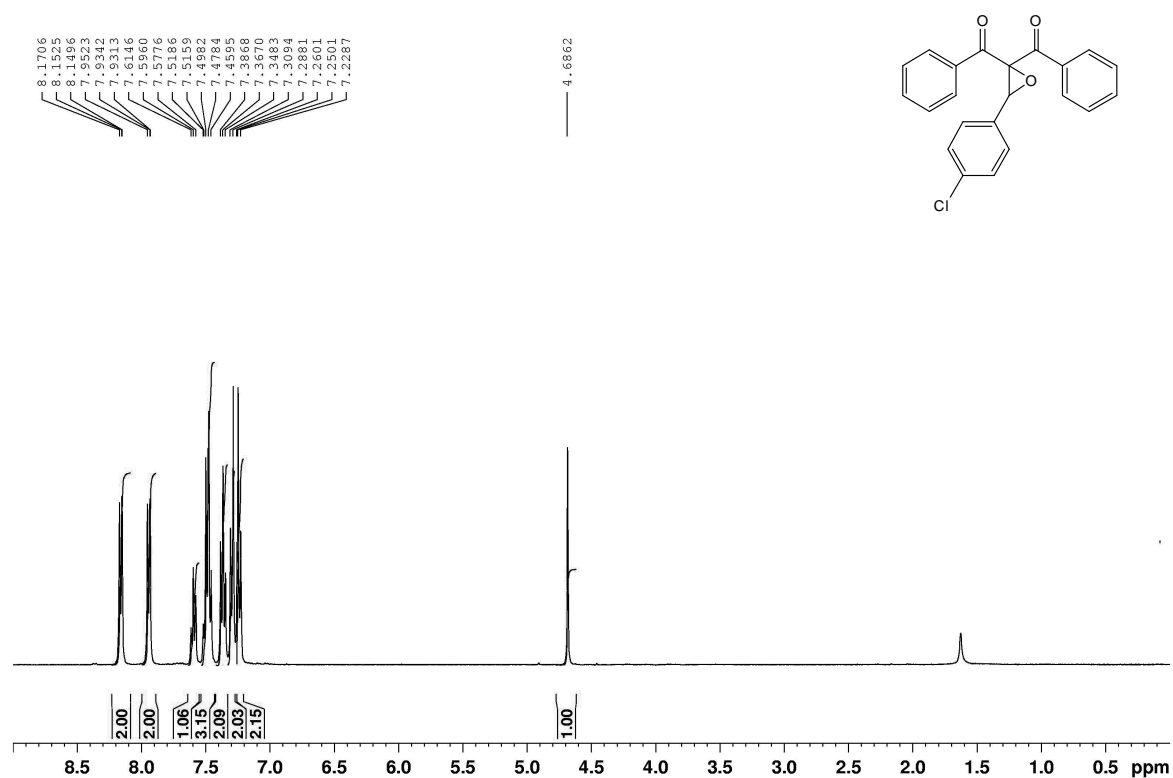
Alessio Russo and Alessandra Lattanzi\*

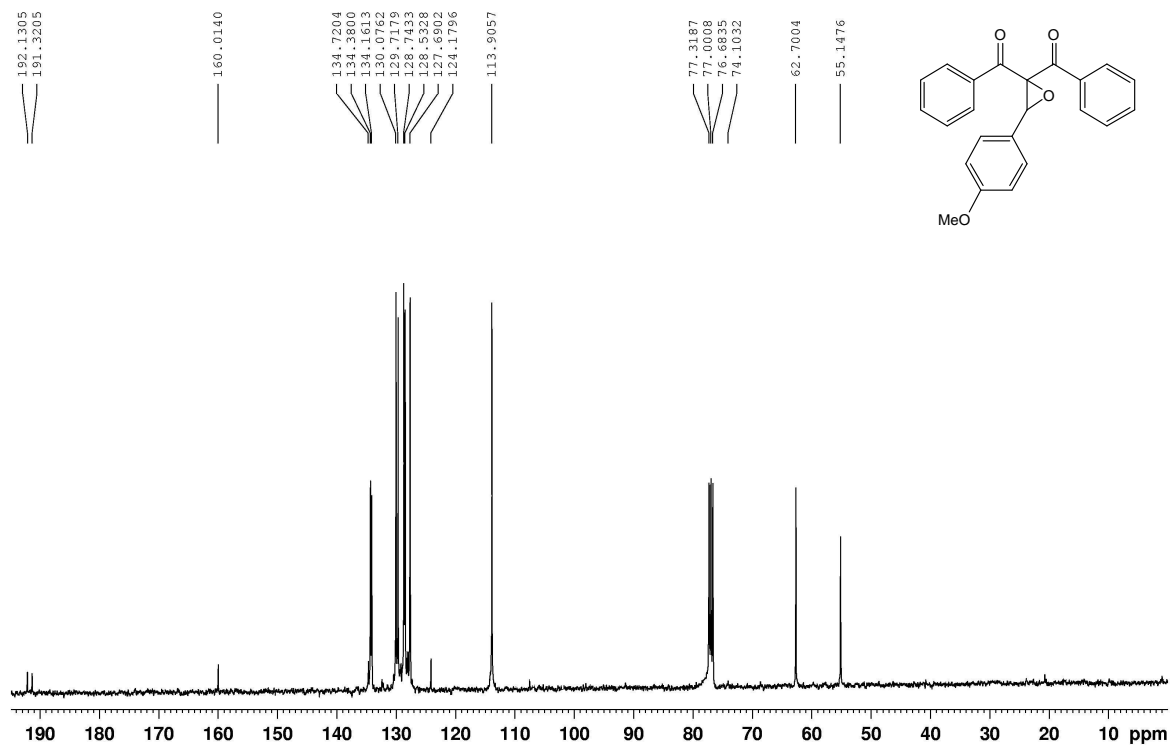
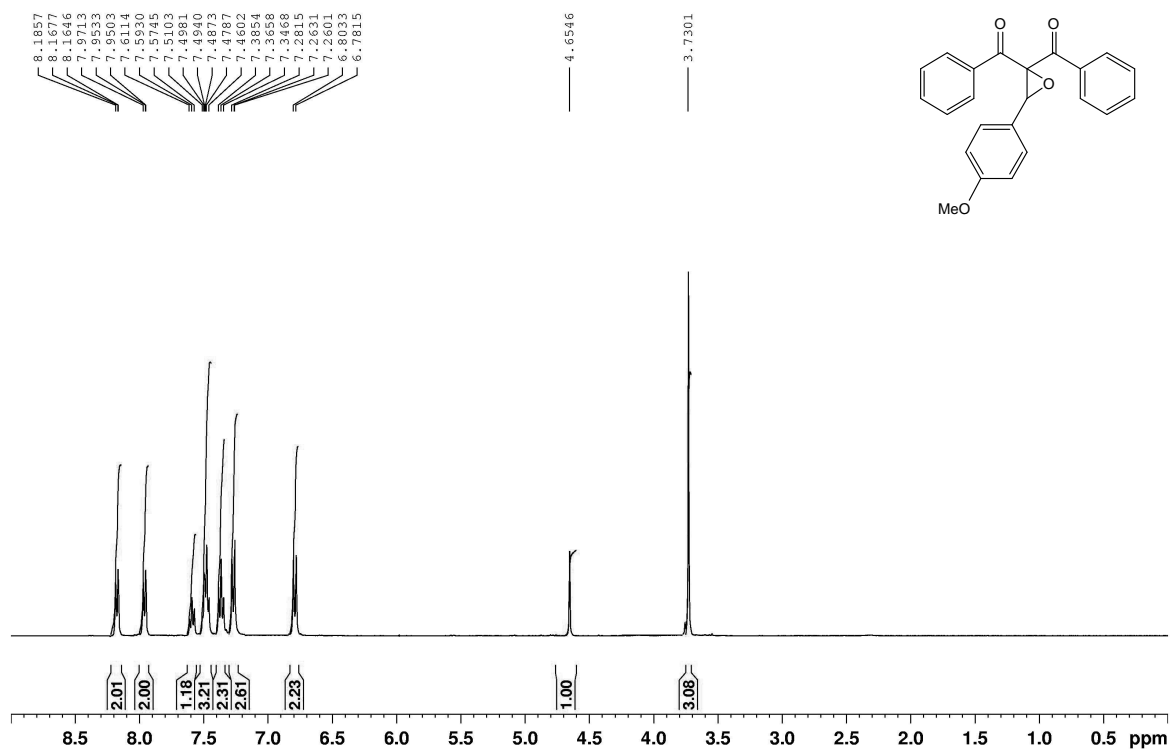
*Dipartimento di Chimica, Università di Salerno, Via Ponte don Melillo, 84084, Fisciano, Italy*

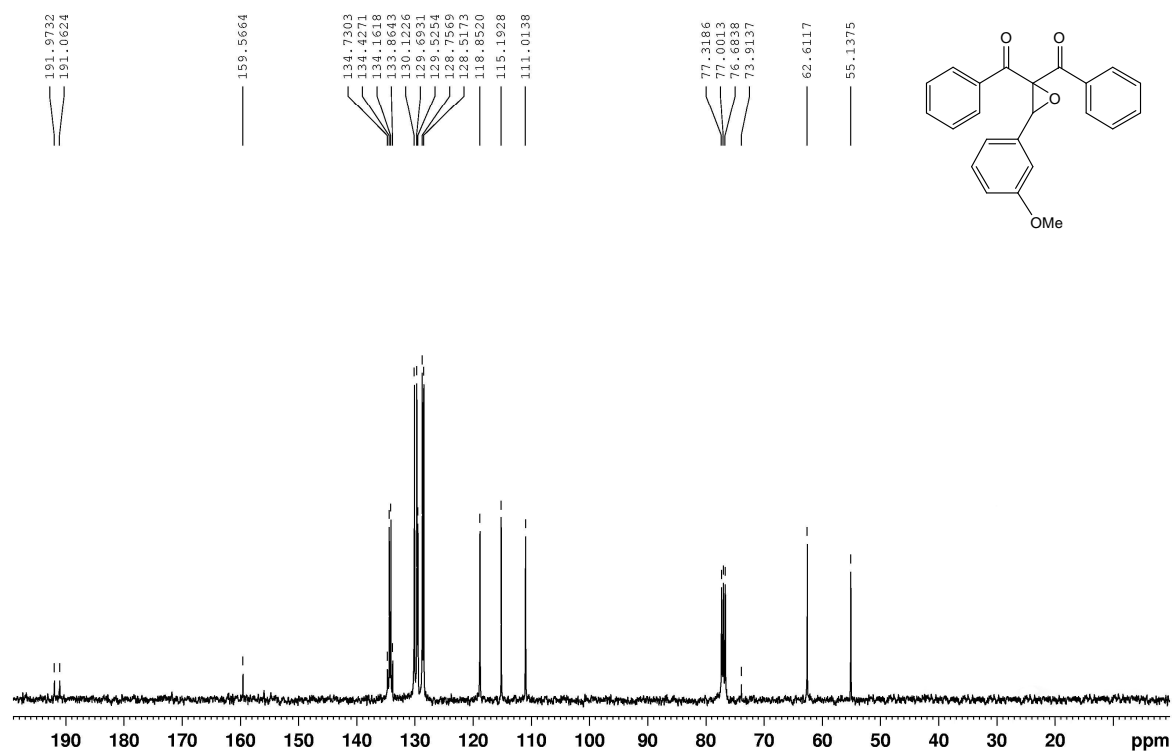
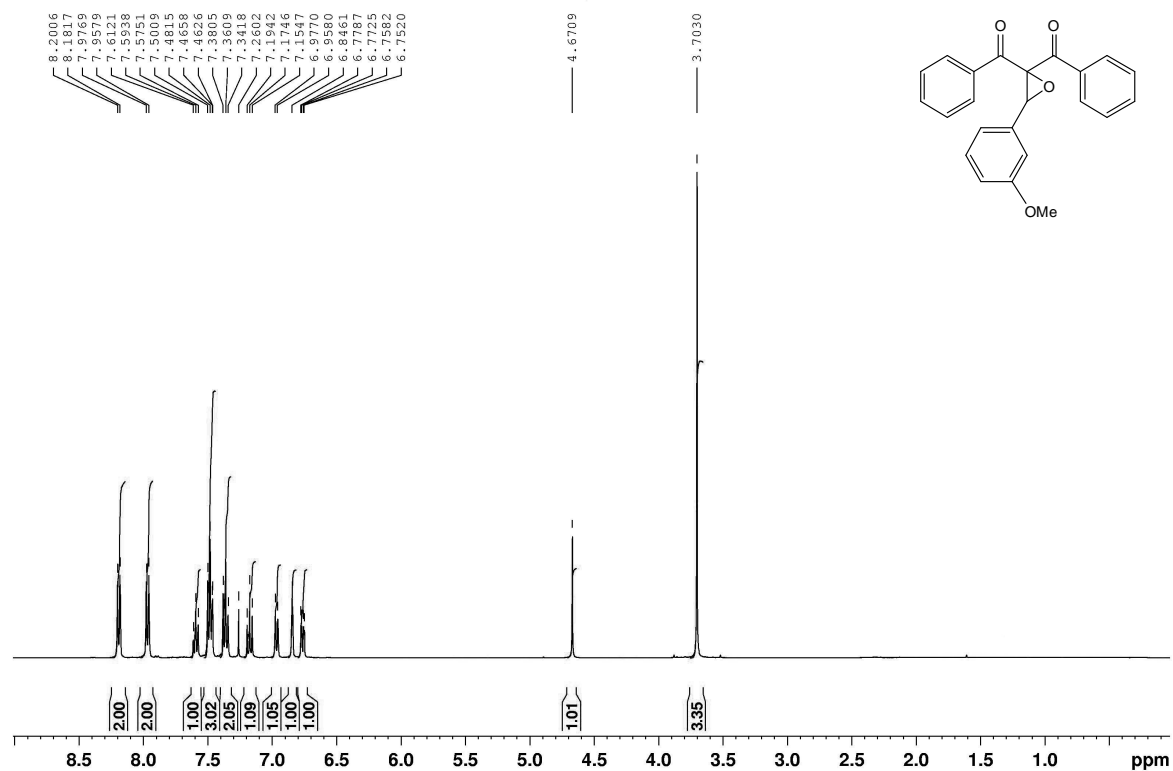
*E-mail: [lattanzi@unisa.it](mailto:lattanzi@unisa.it)*

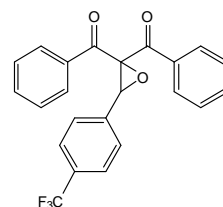
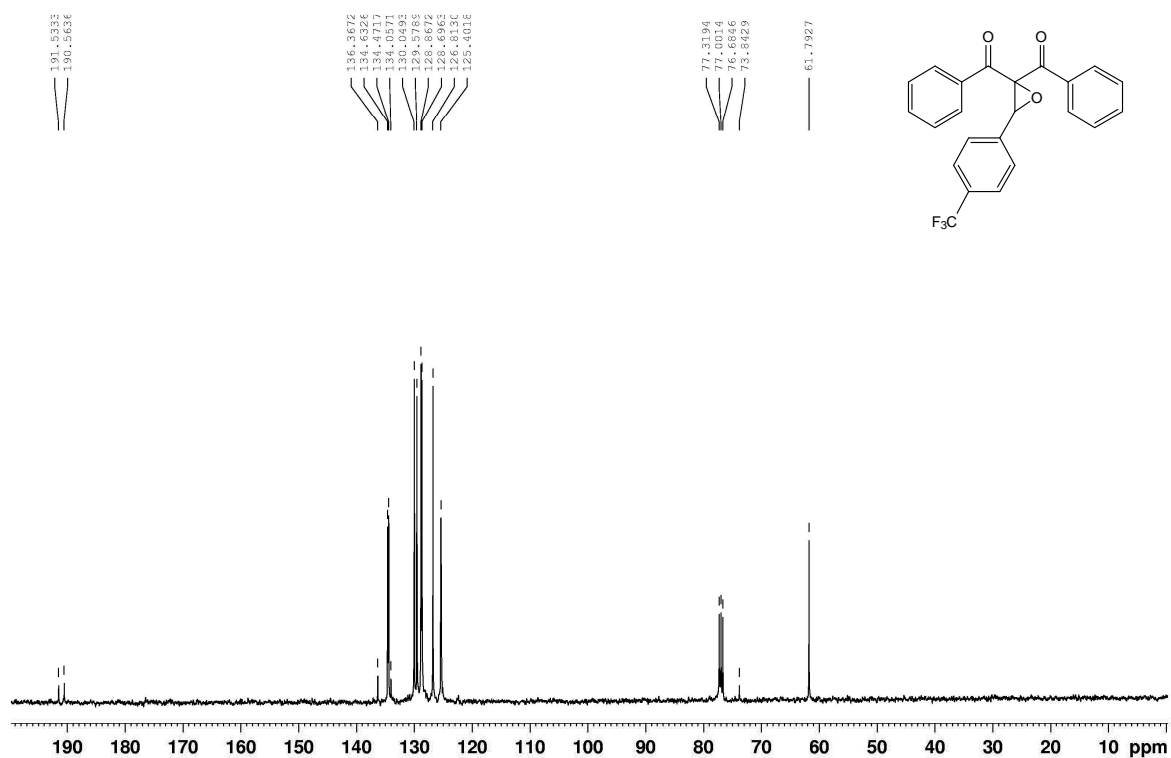
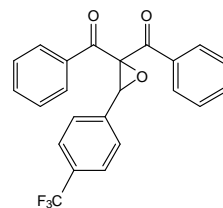
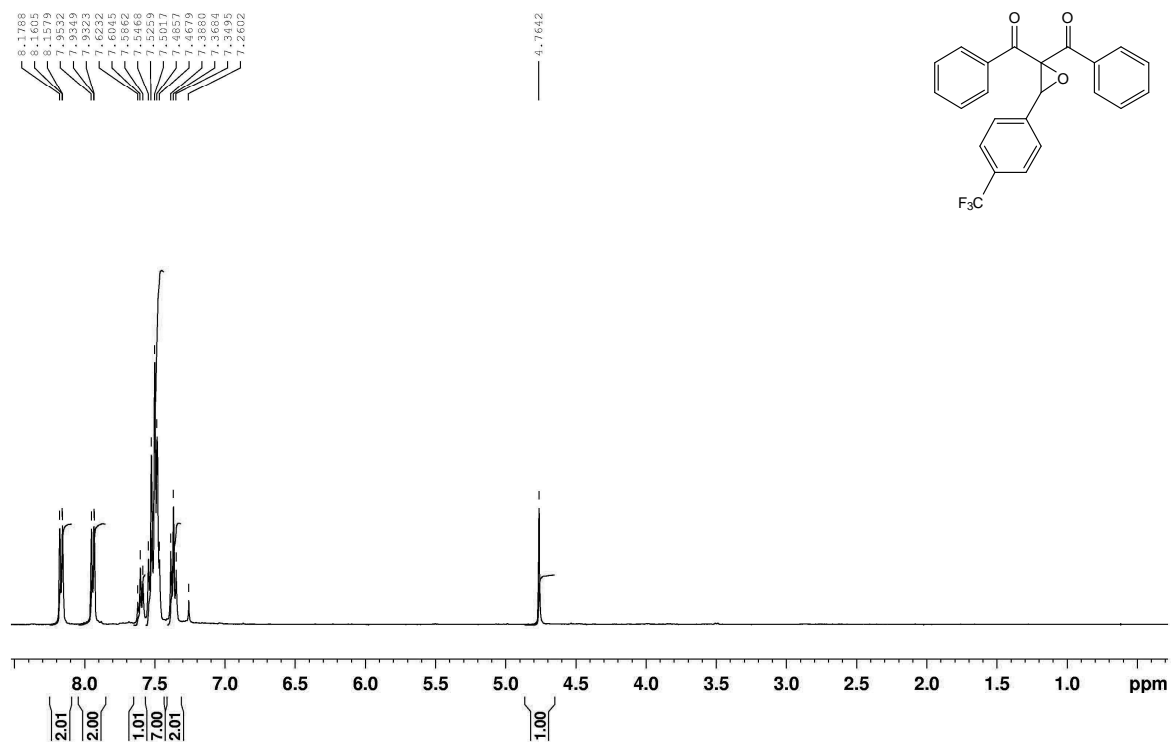


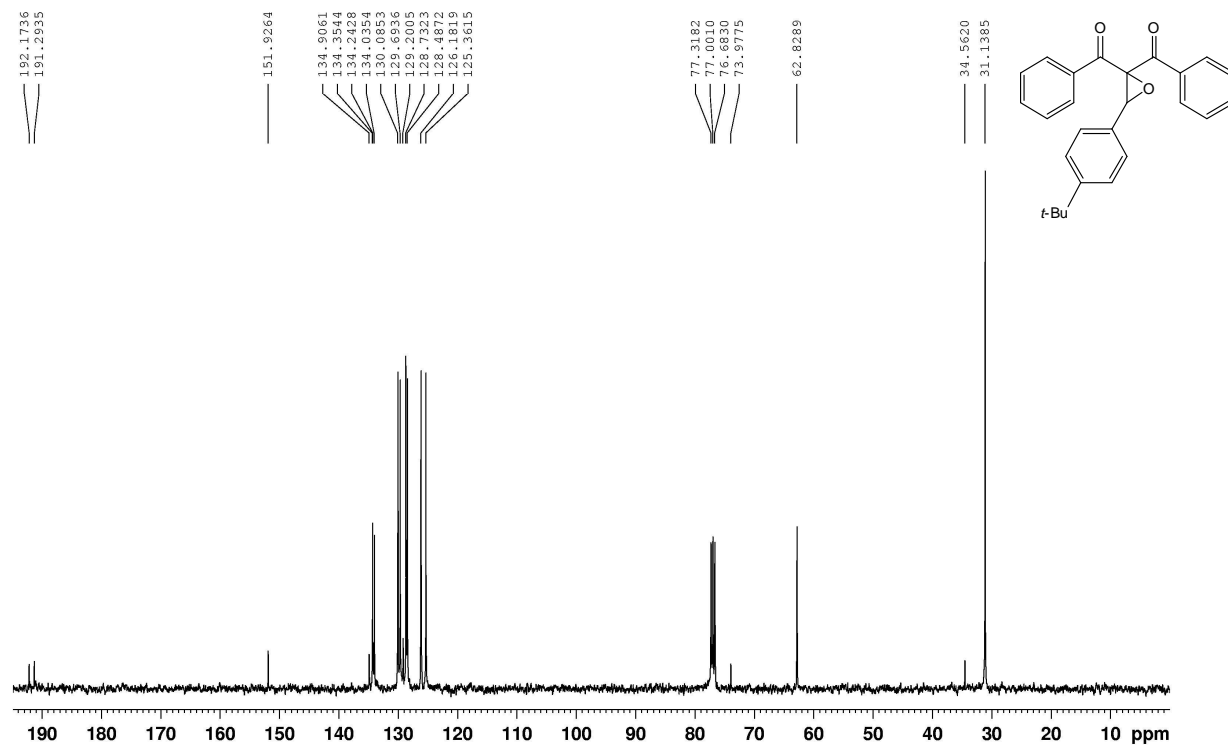
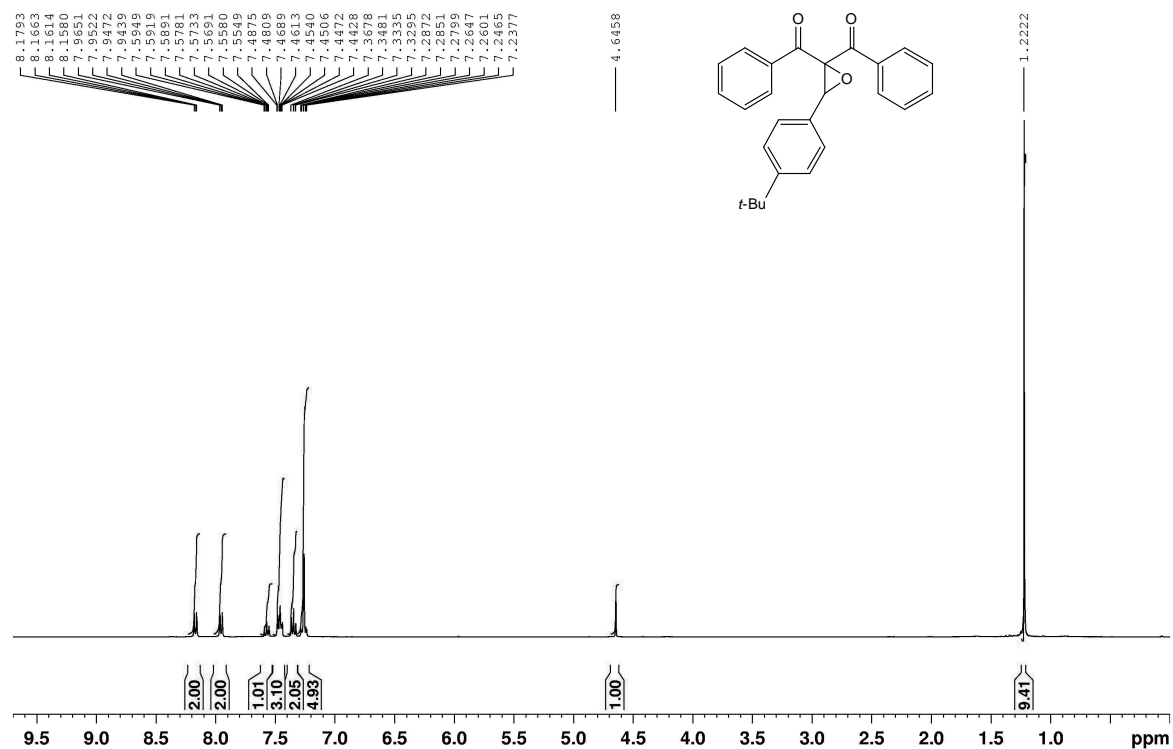




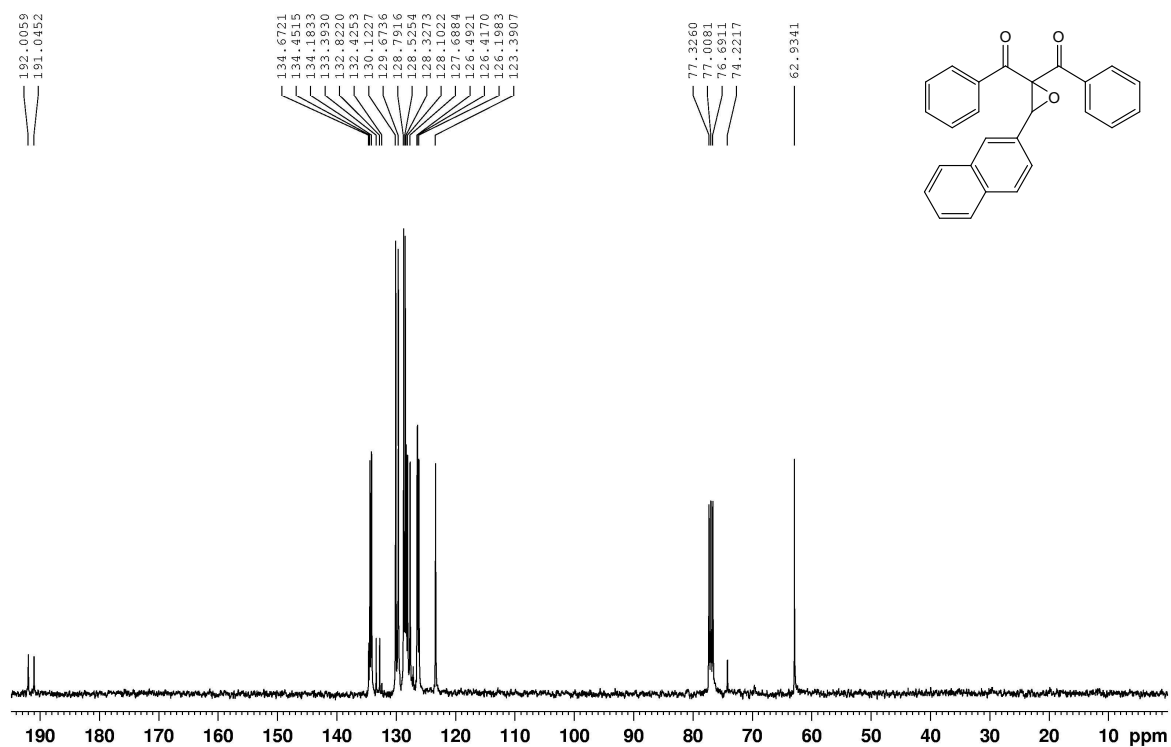
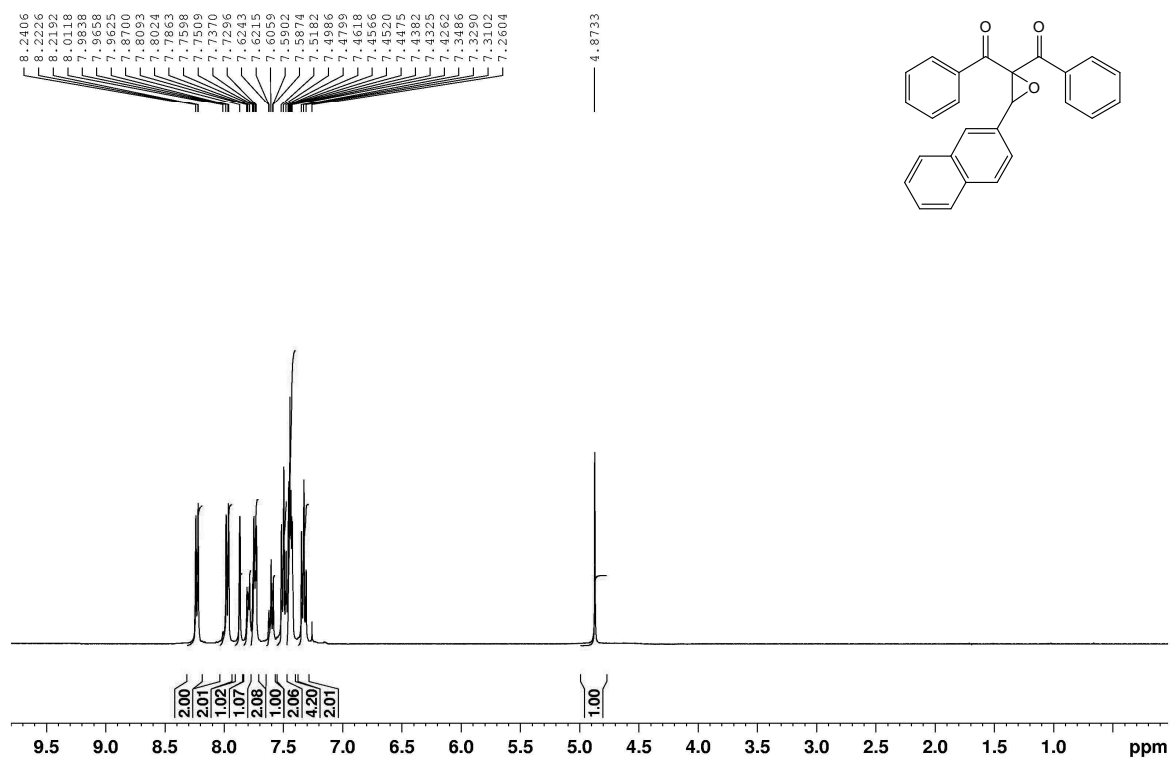


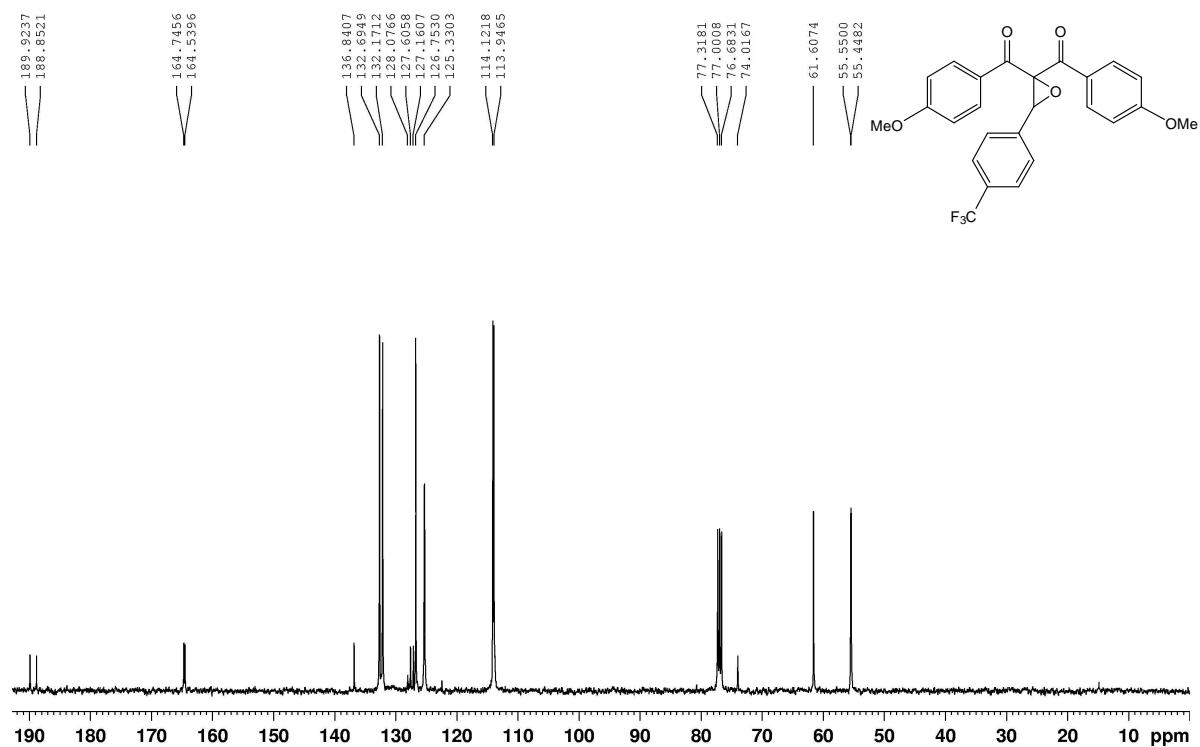
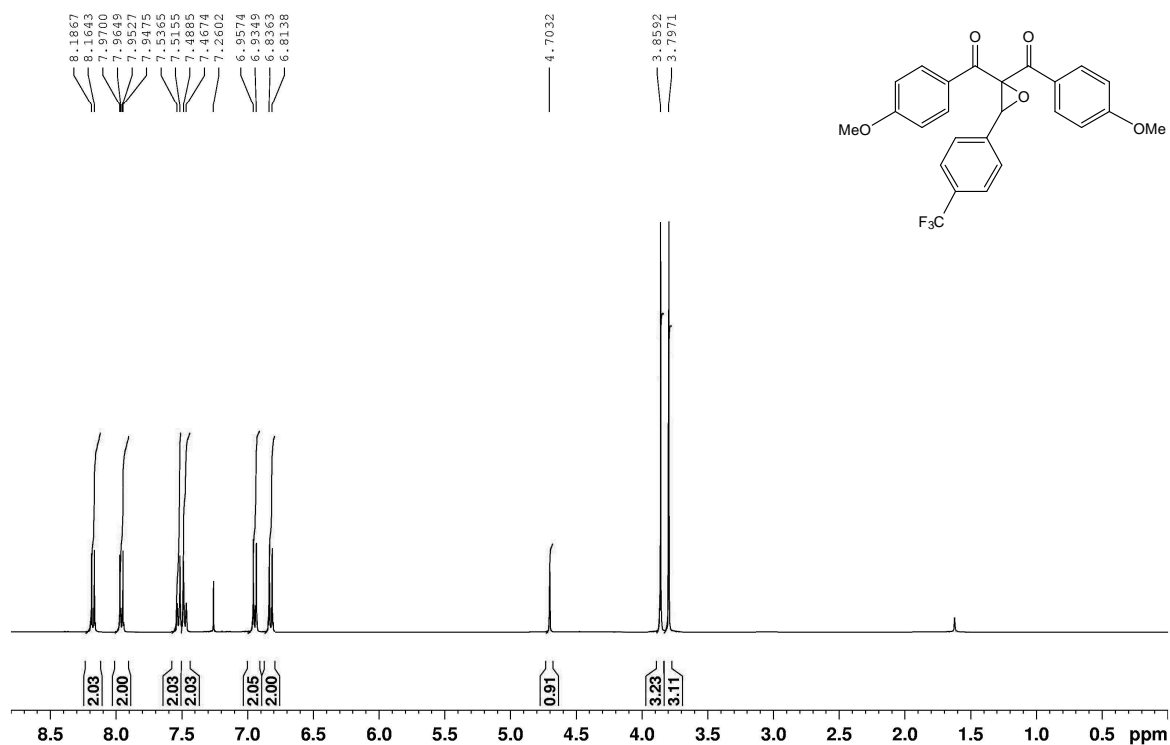


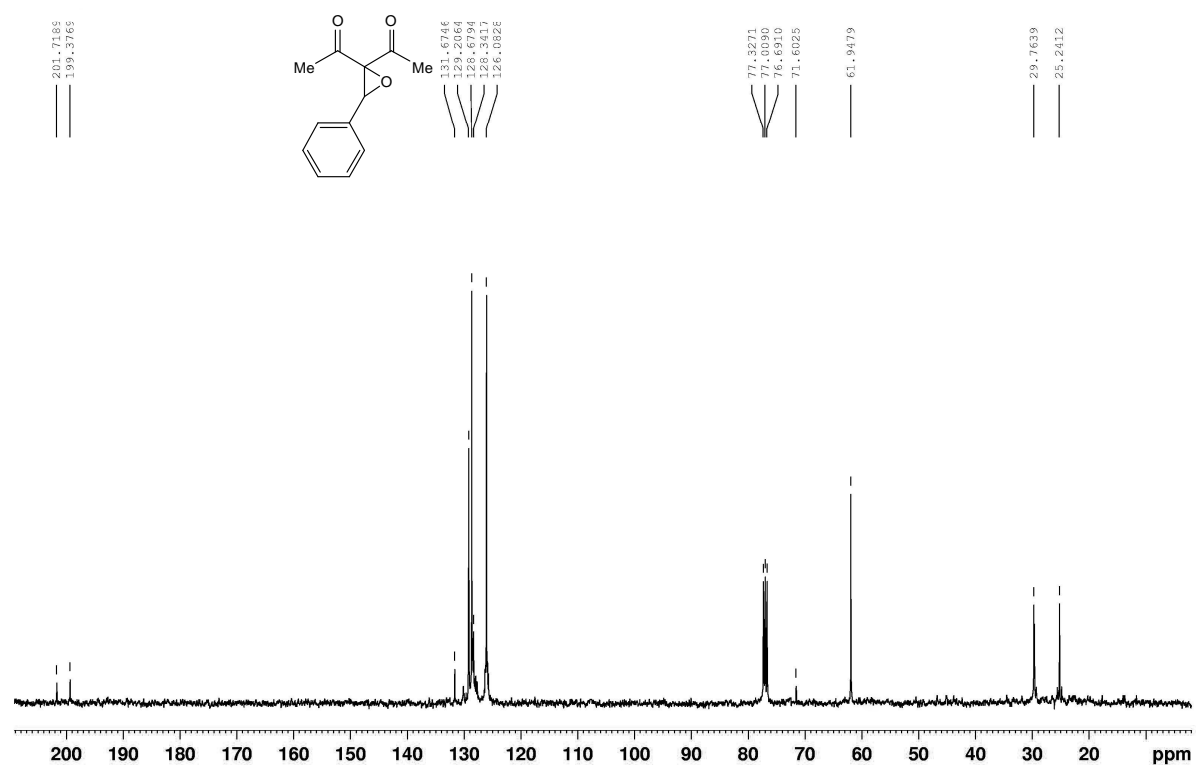
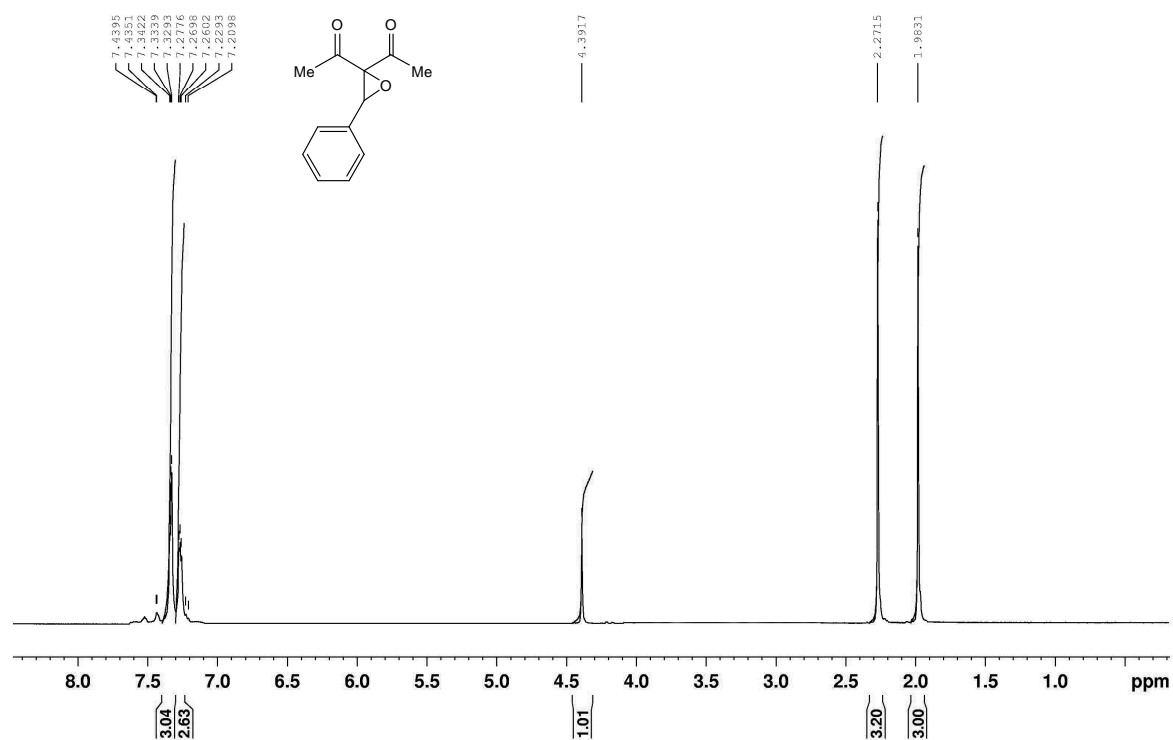


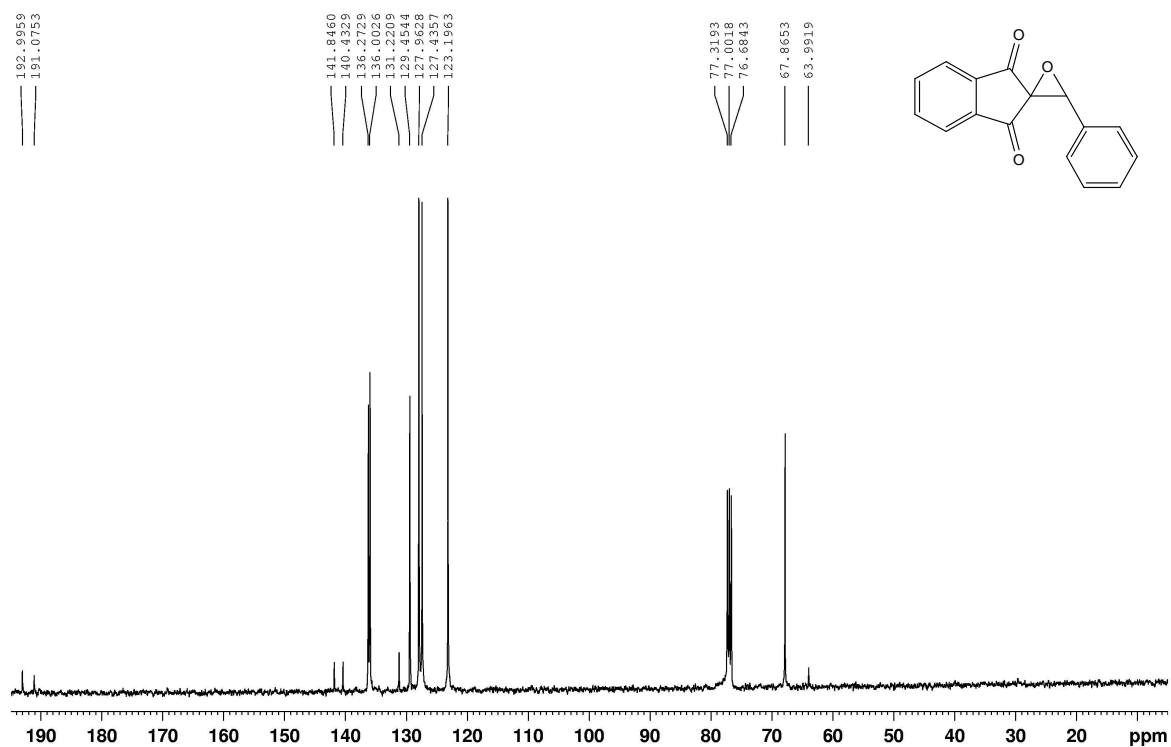
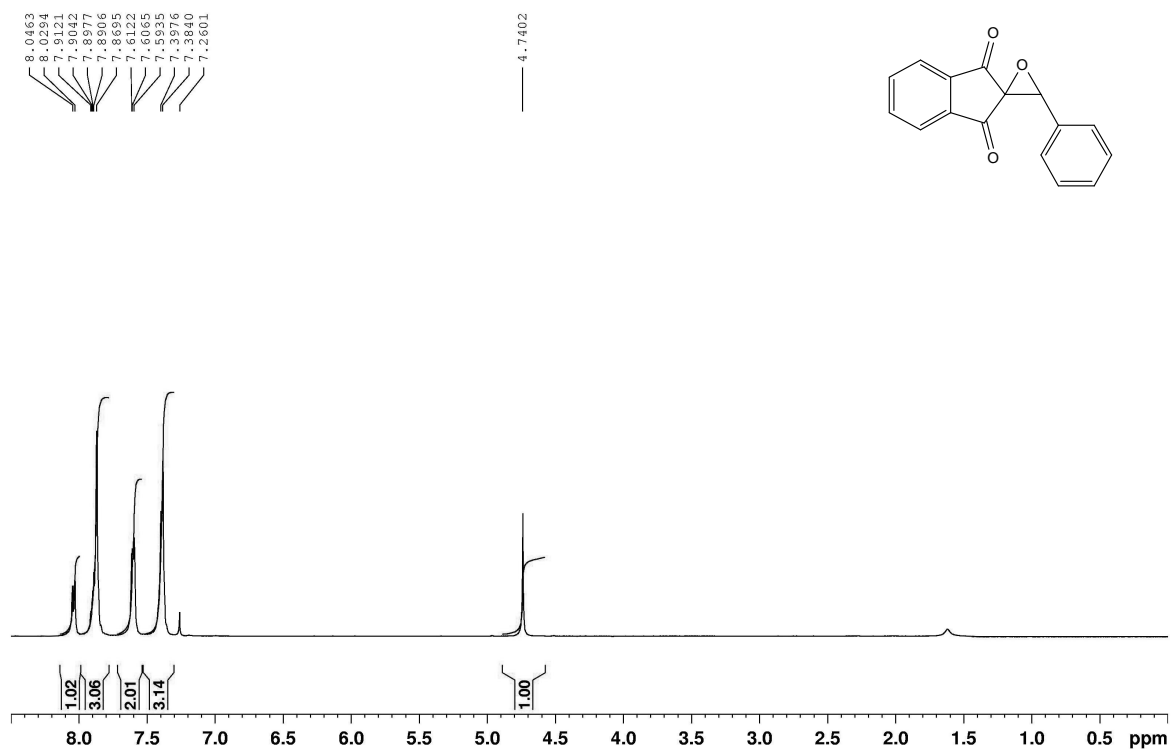


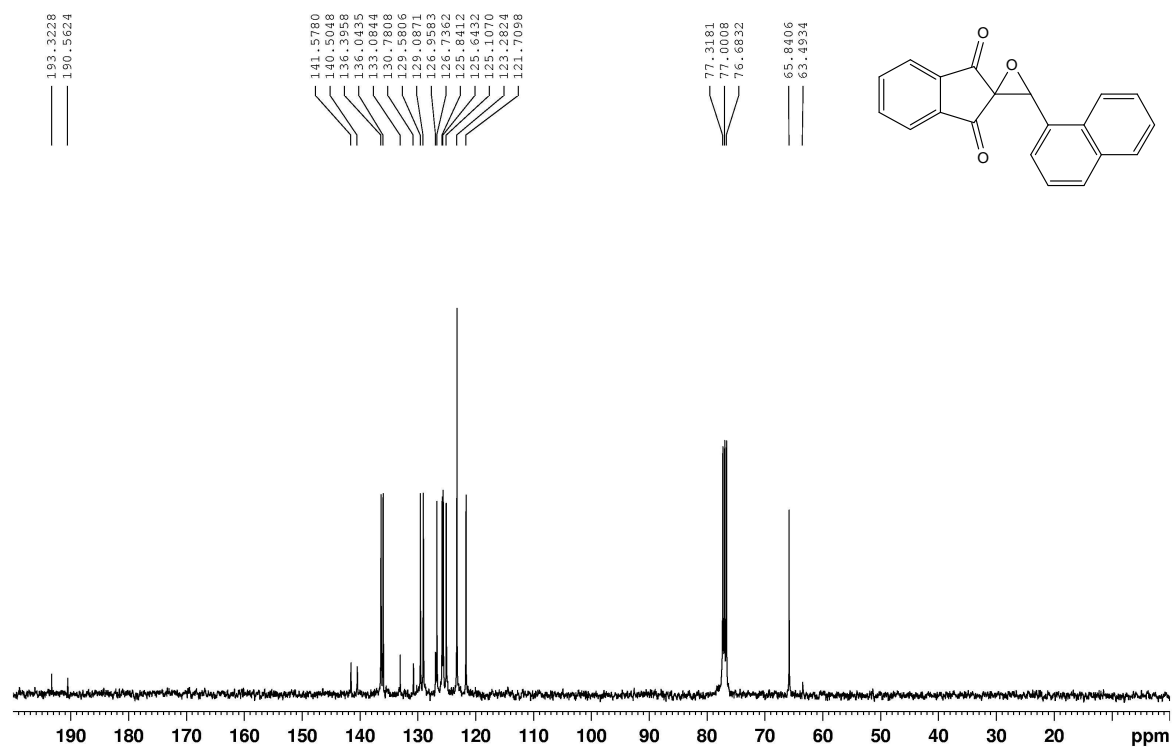
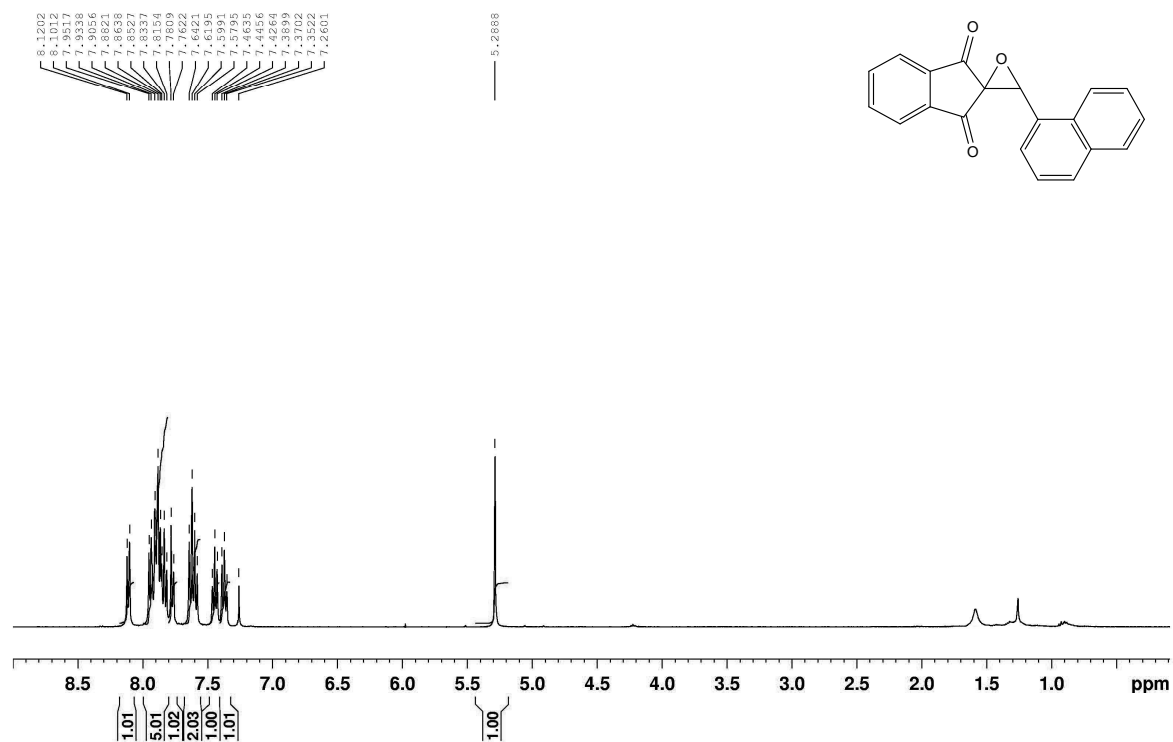


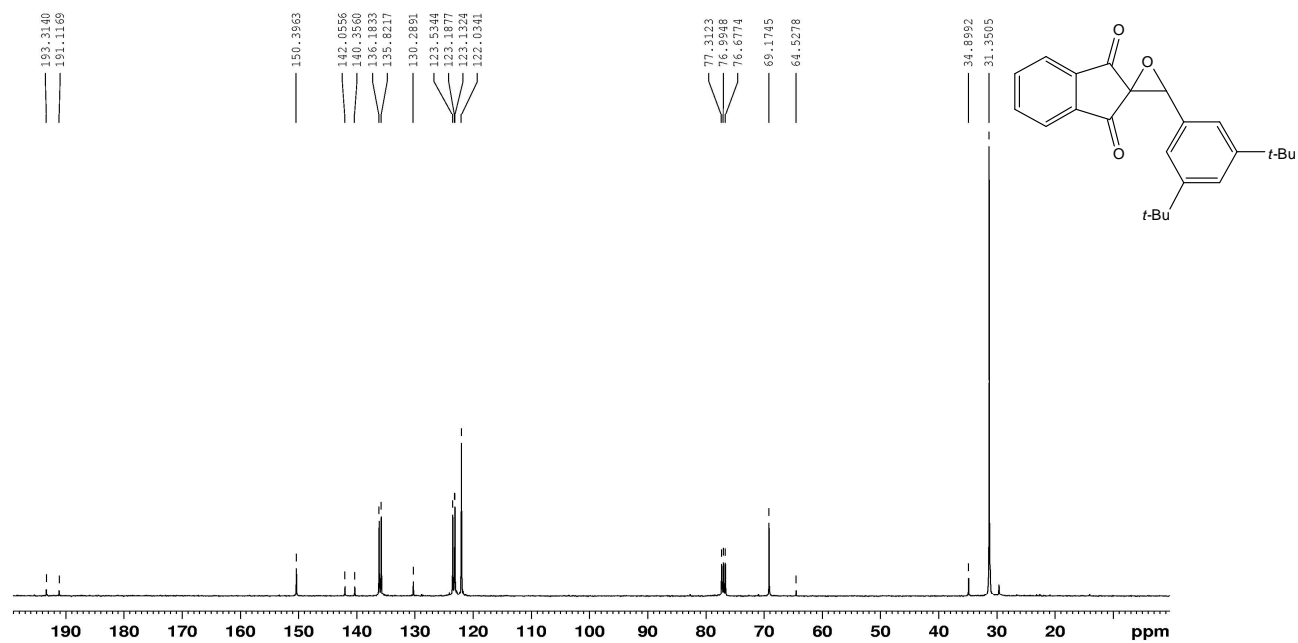
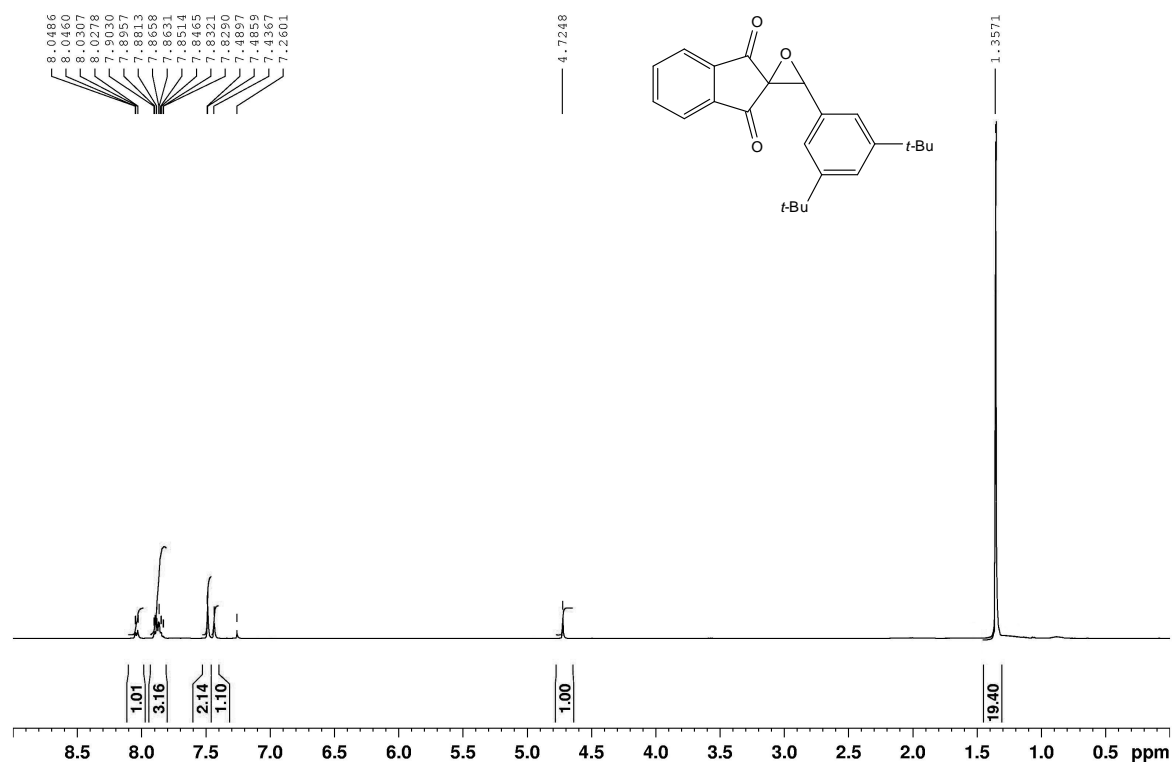


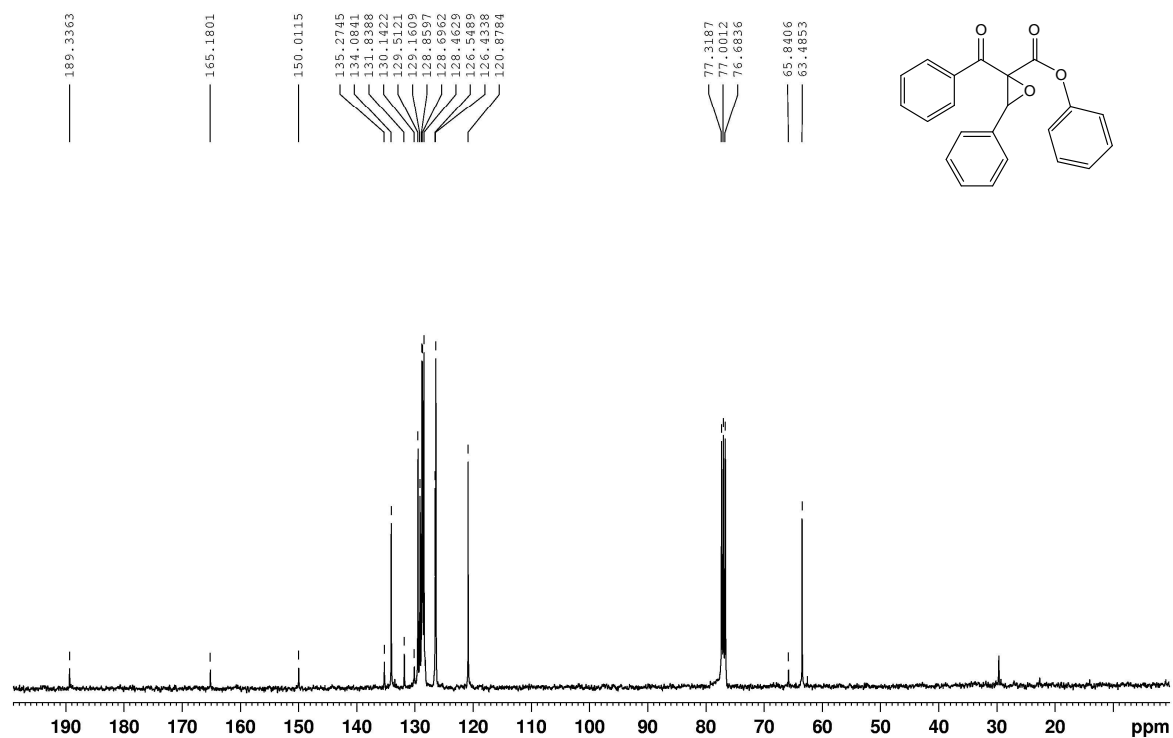
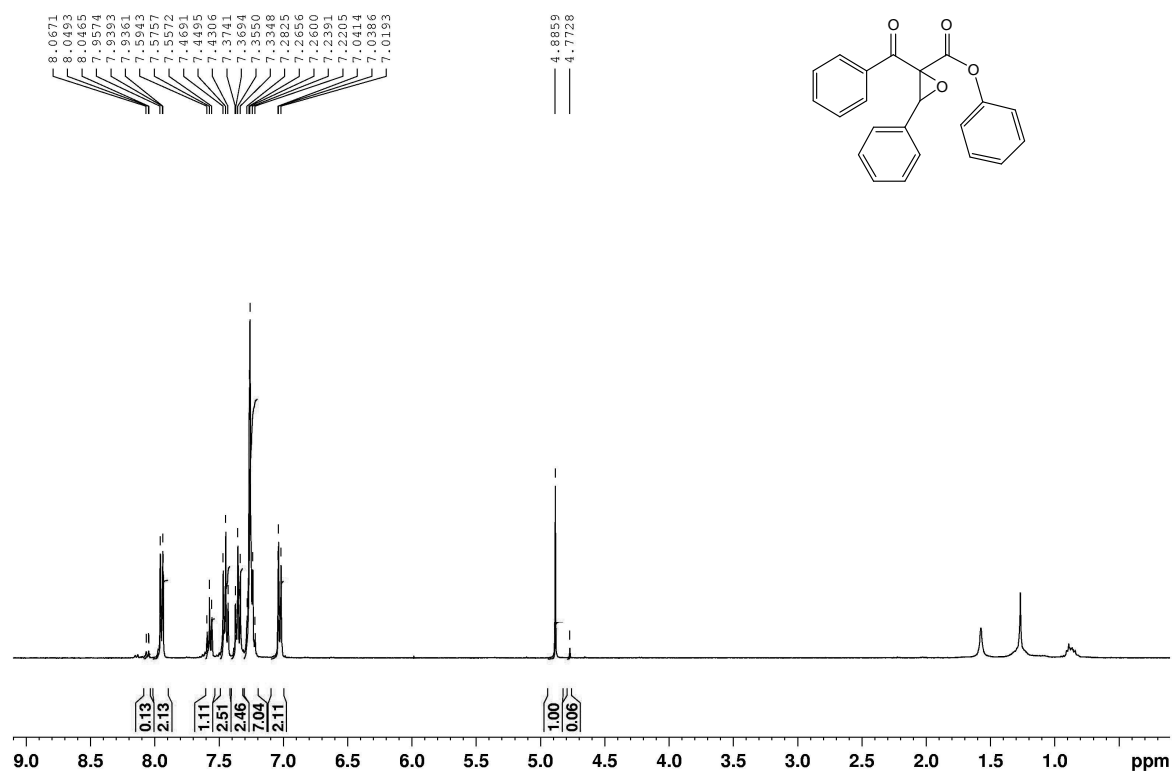


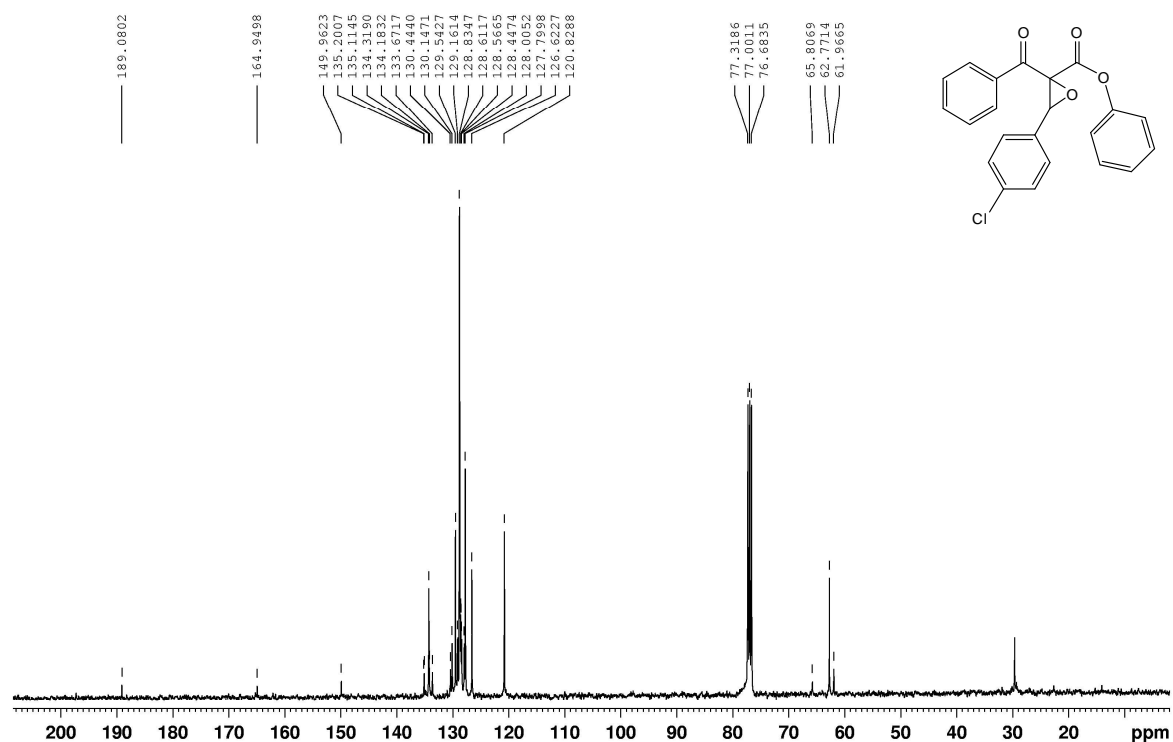
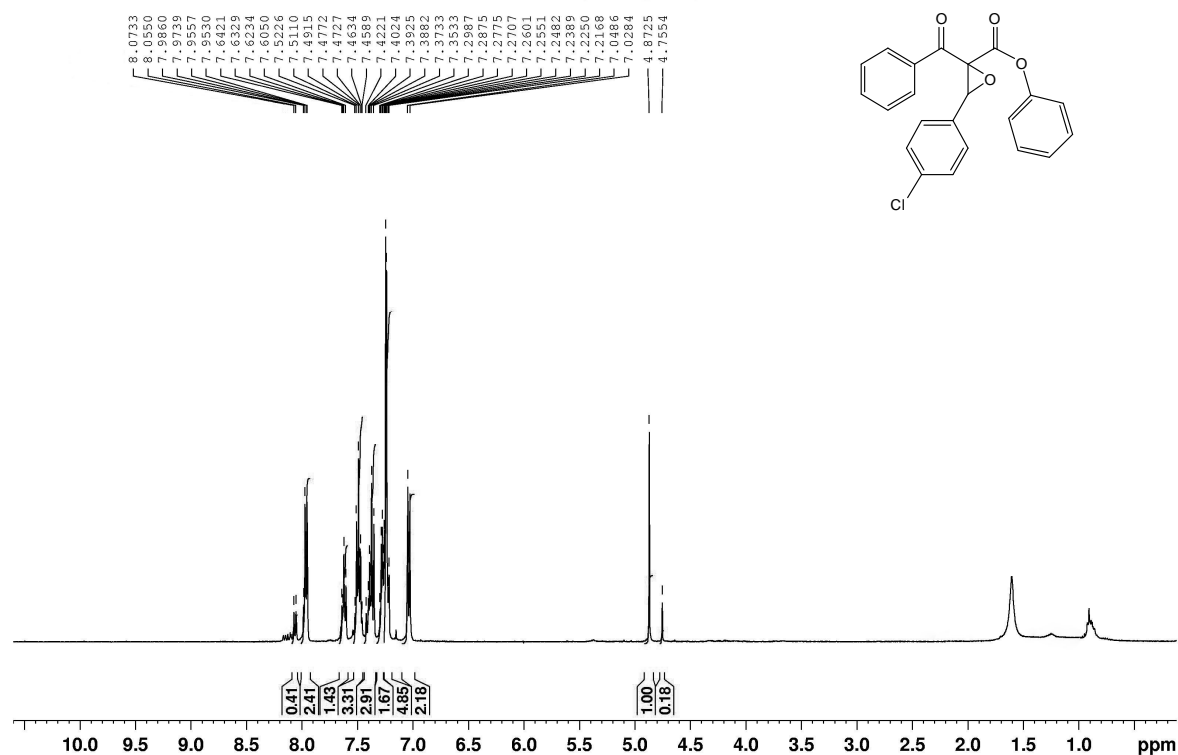




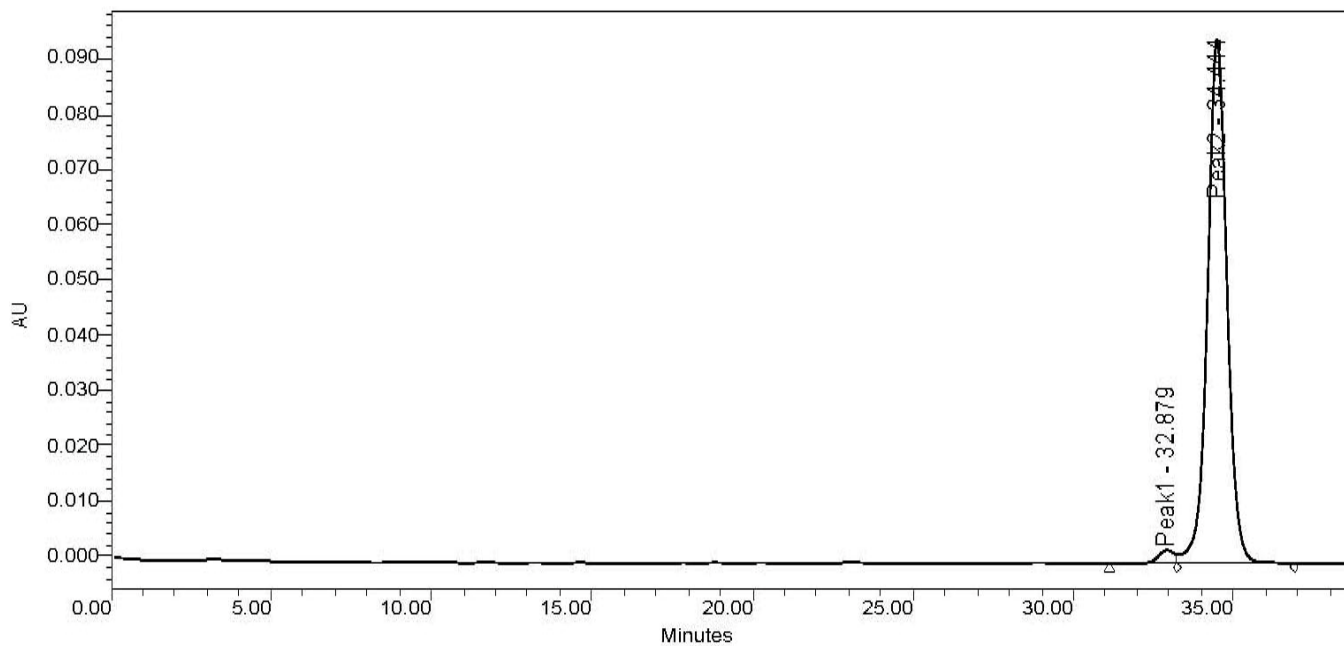
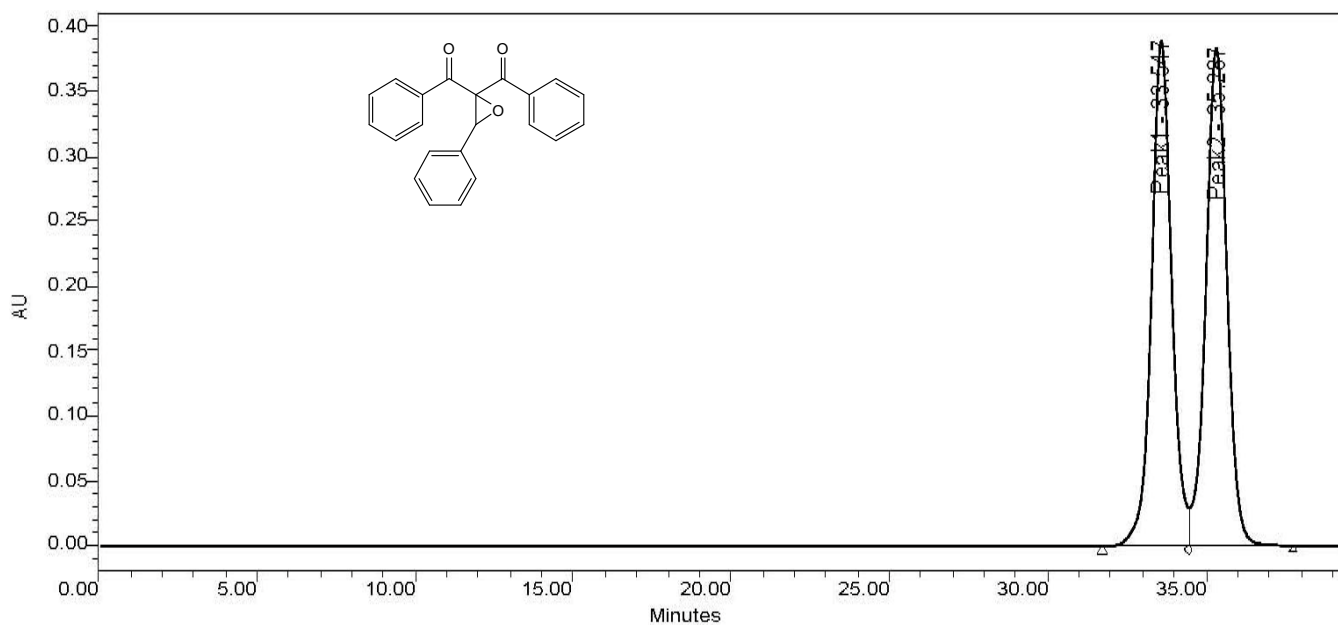


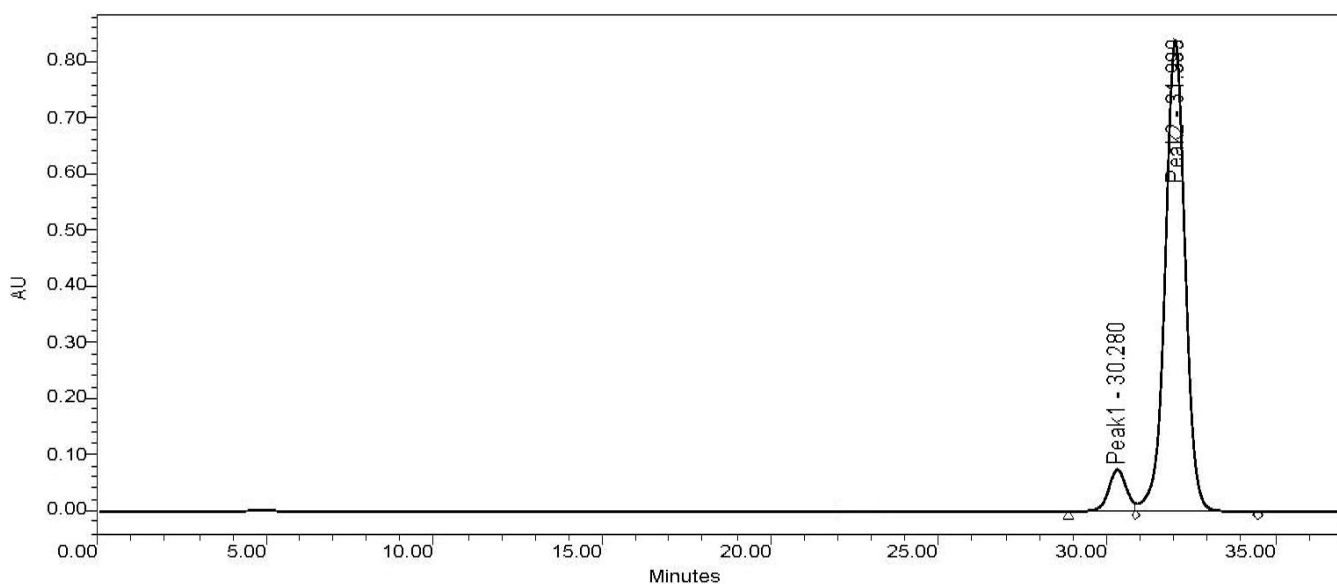
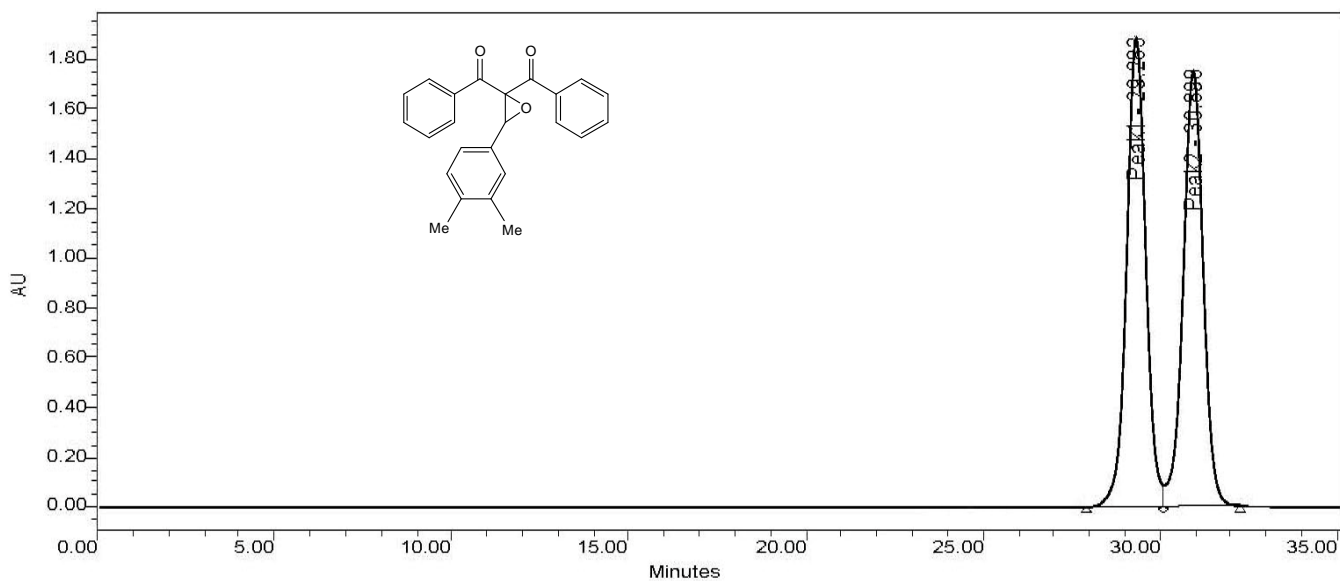




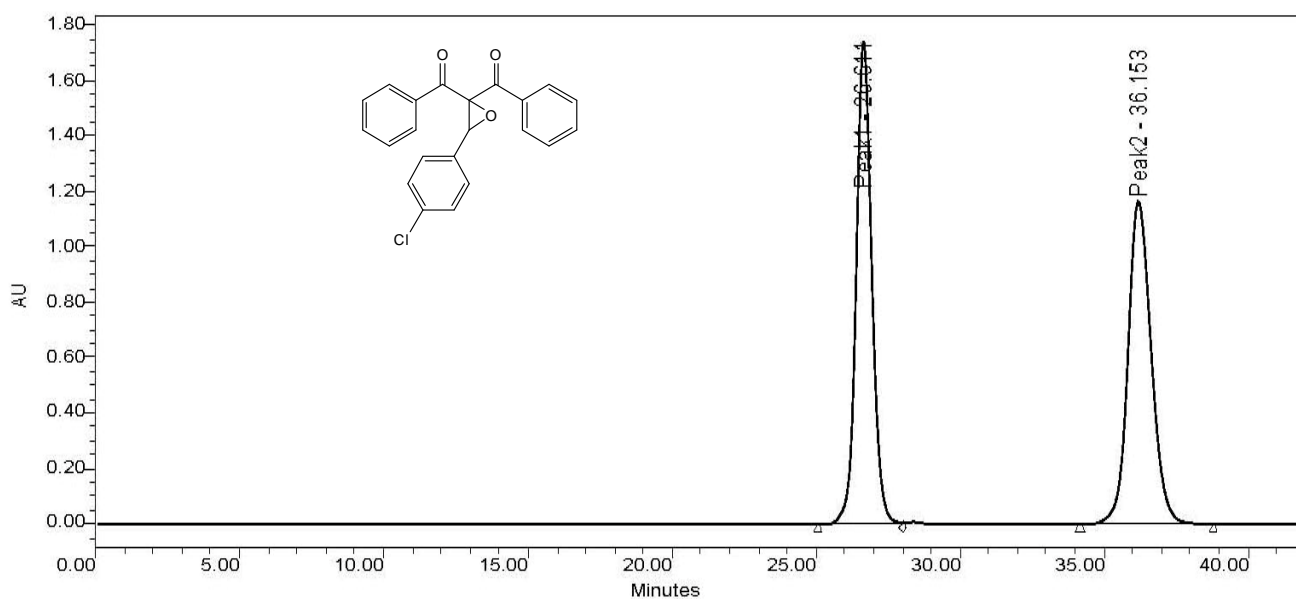




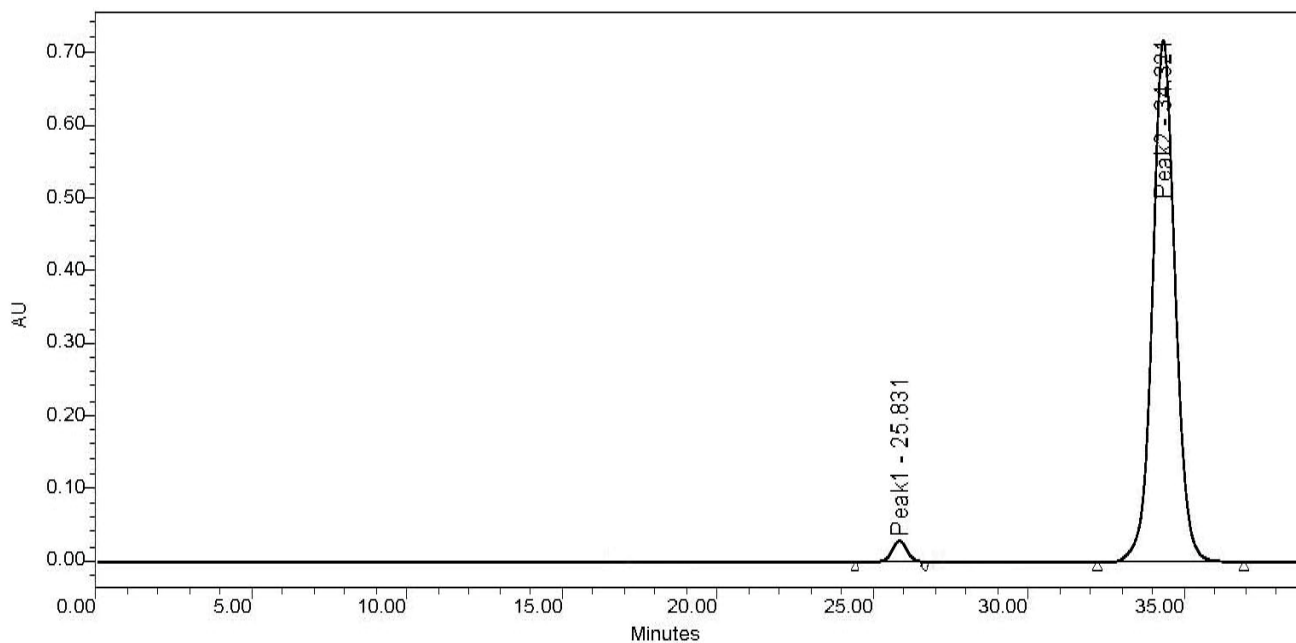




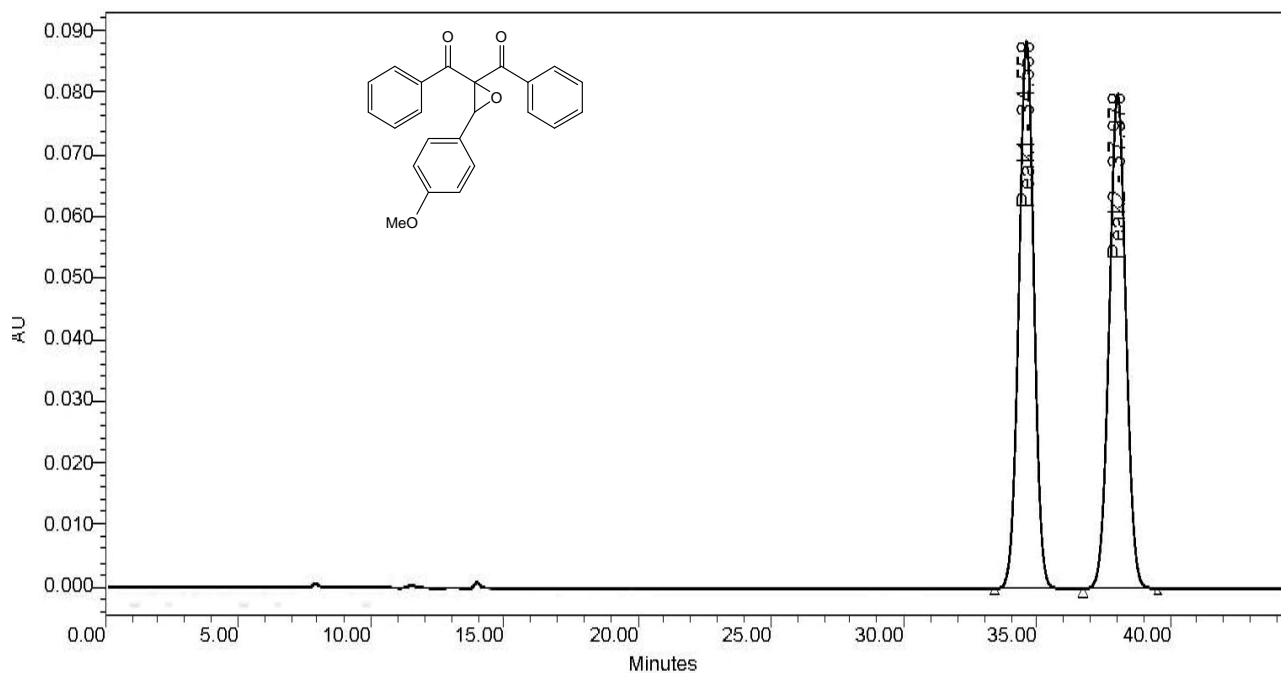
	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	30.280	2890330	7.65	74952	8.19
2	Peak2	31.999	34894935	92.35	840633	91.81



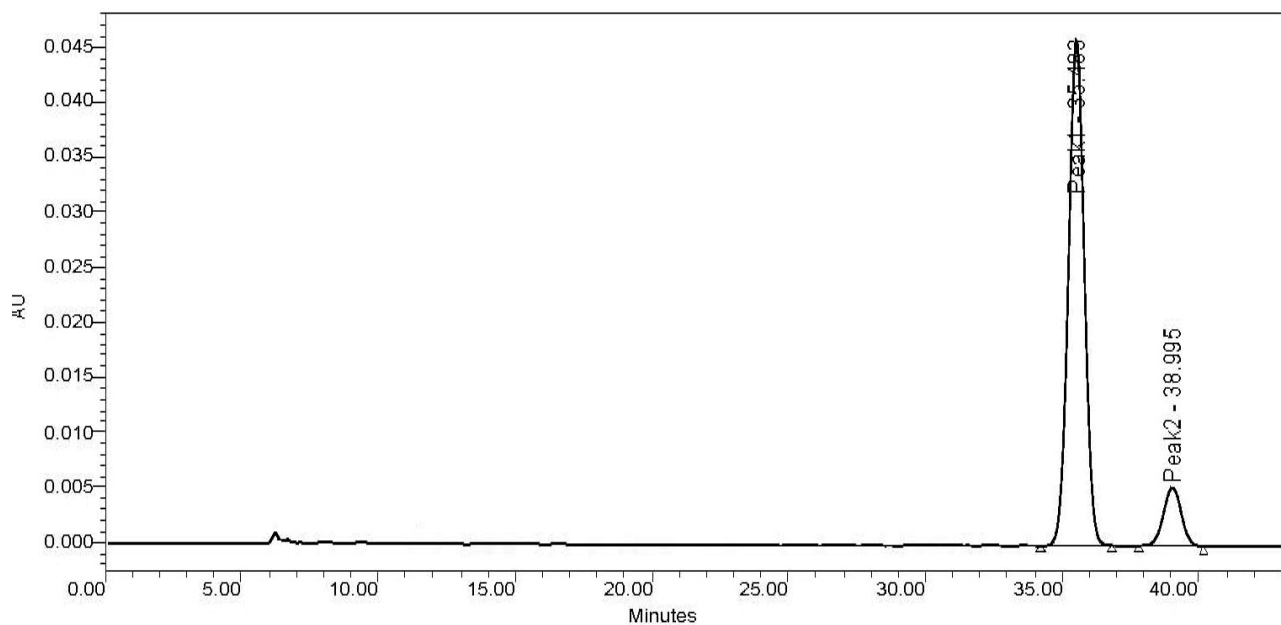
	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	26.611	65834619	50.07	1743155	59.92
2	Peak2	36.153	65643666	49.93	1165969	40.08



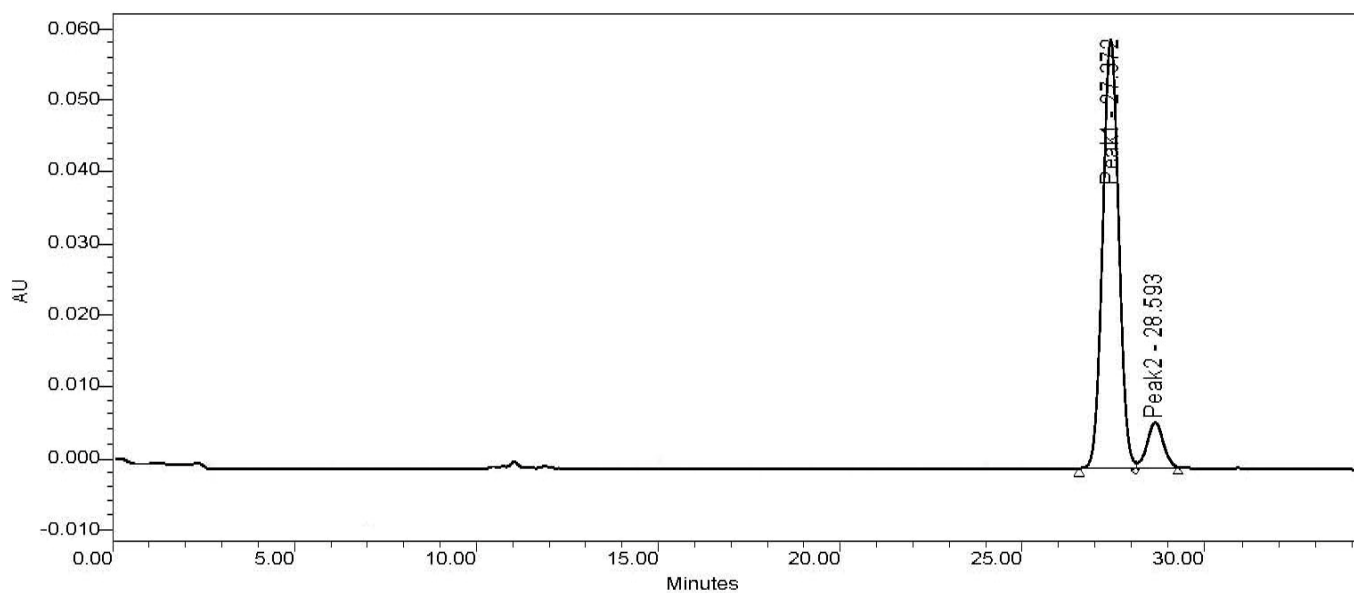
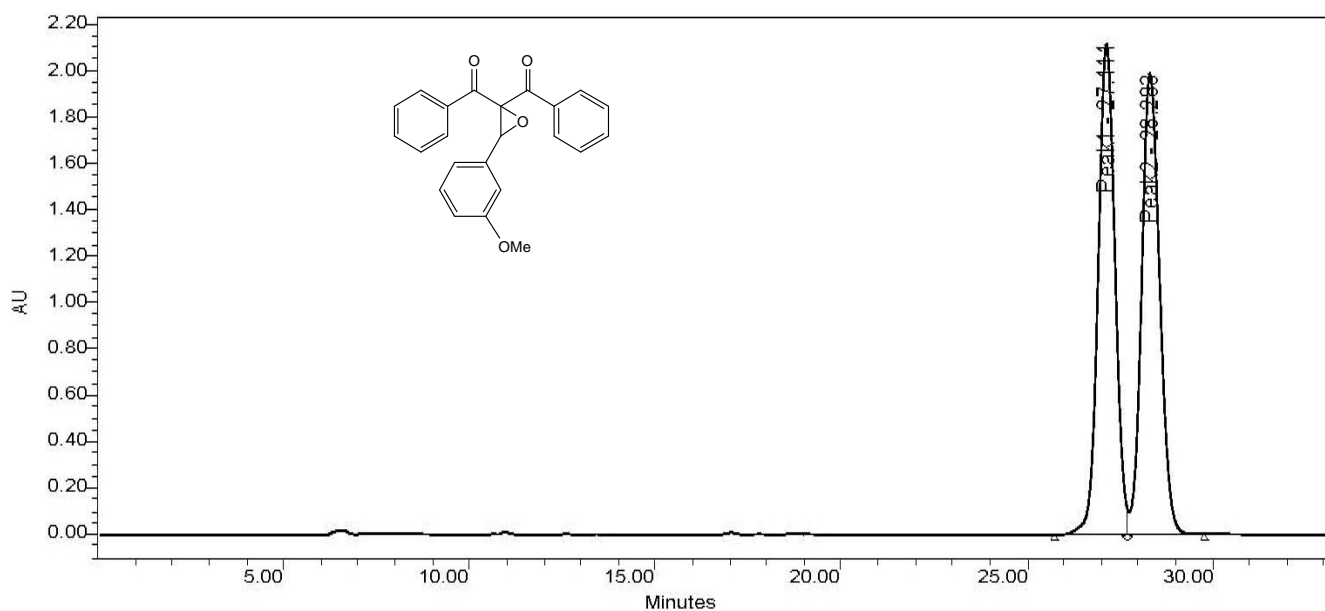
	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	25.831	1060836	2.82	29795	3.99
2	Peak2	34.321	36506333	97.18	717324	96.01

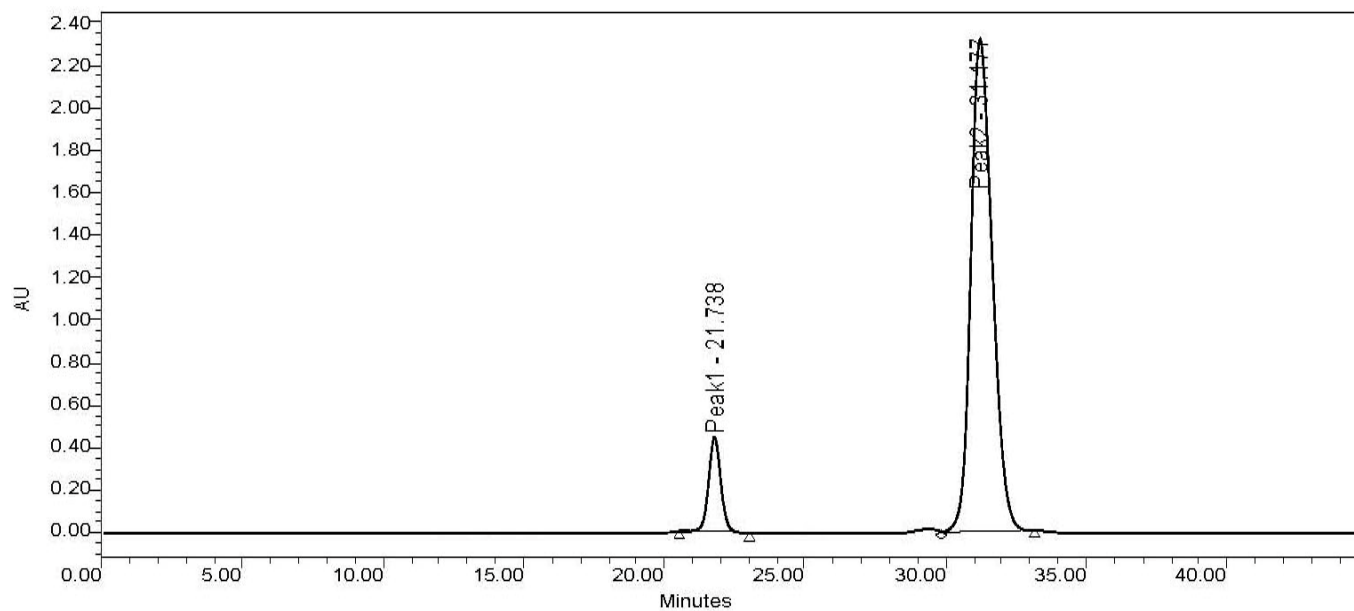
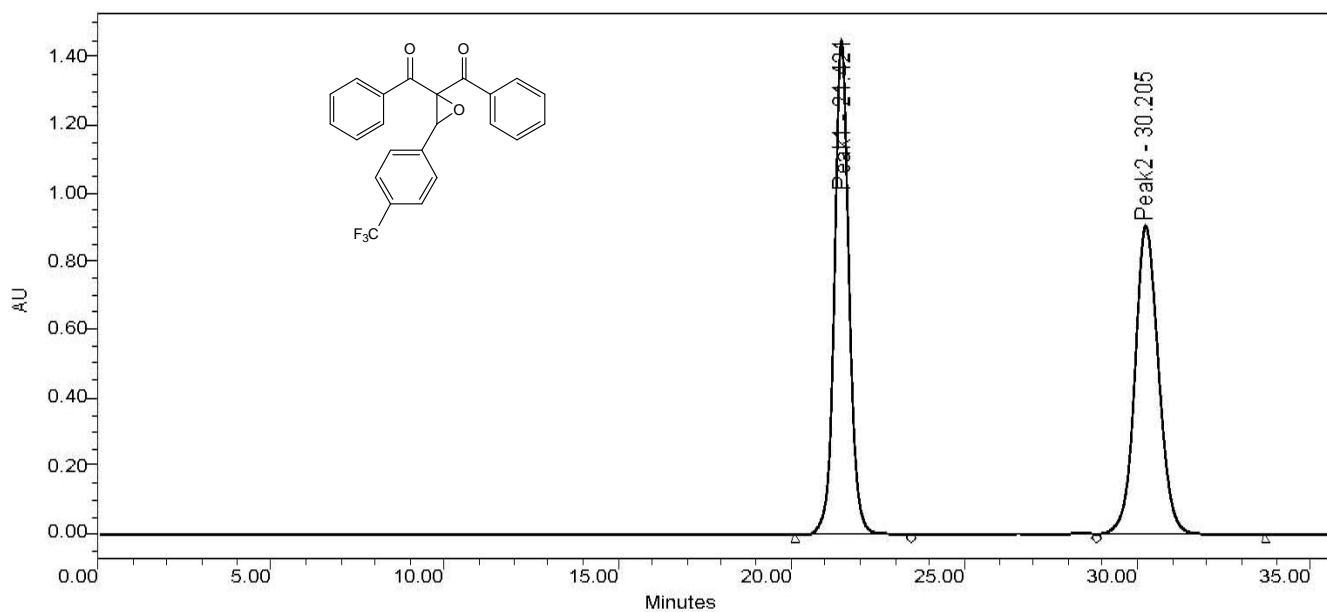


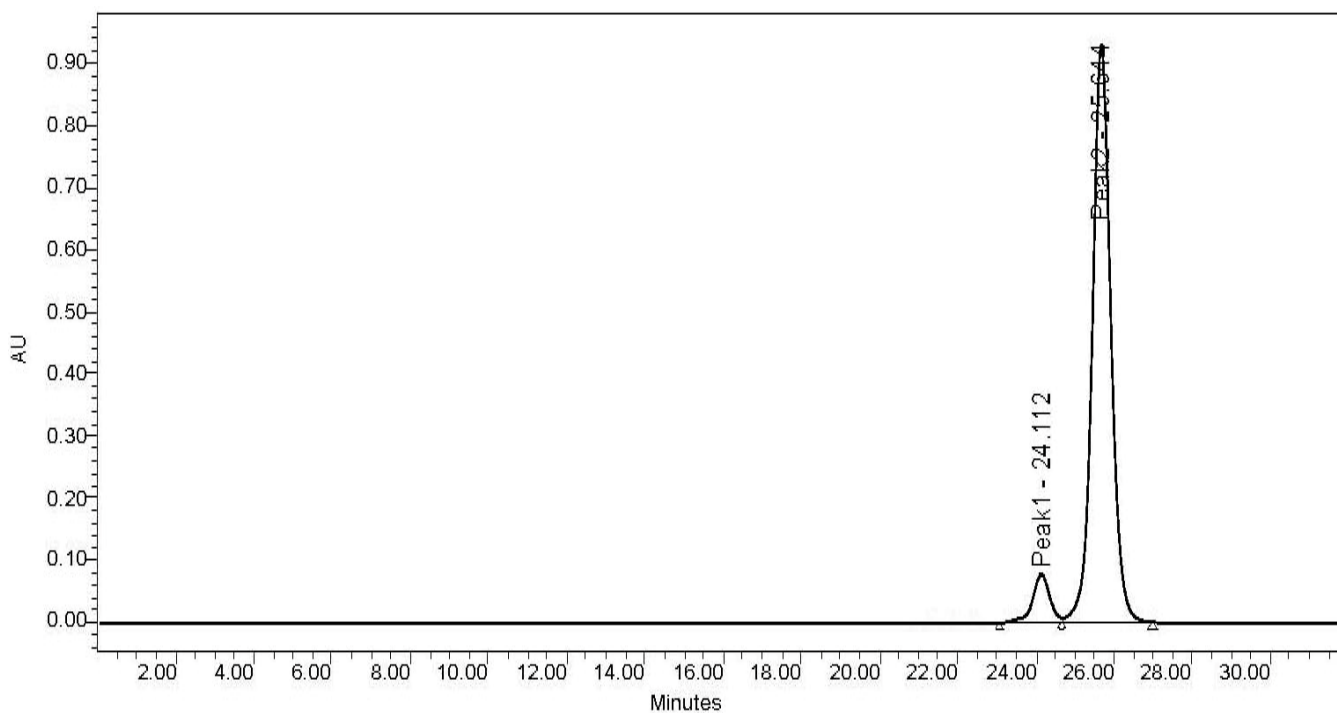
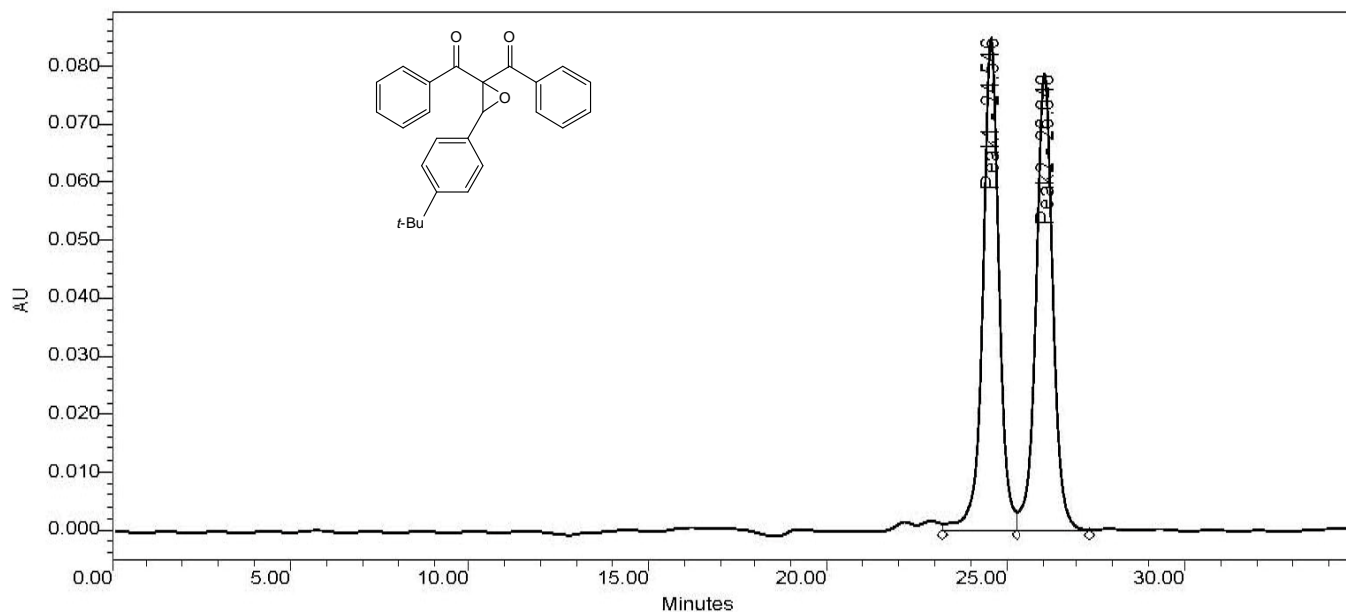
	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	34.558	3498356	50.06	88521	52.50
2	Peak2	37.978	3490260	49.94	80103	47.50



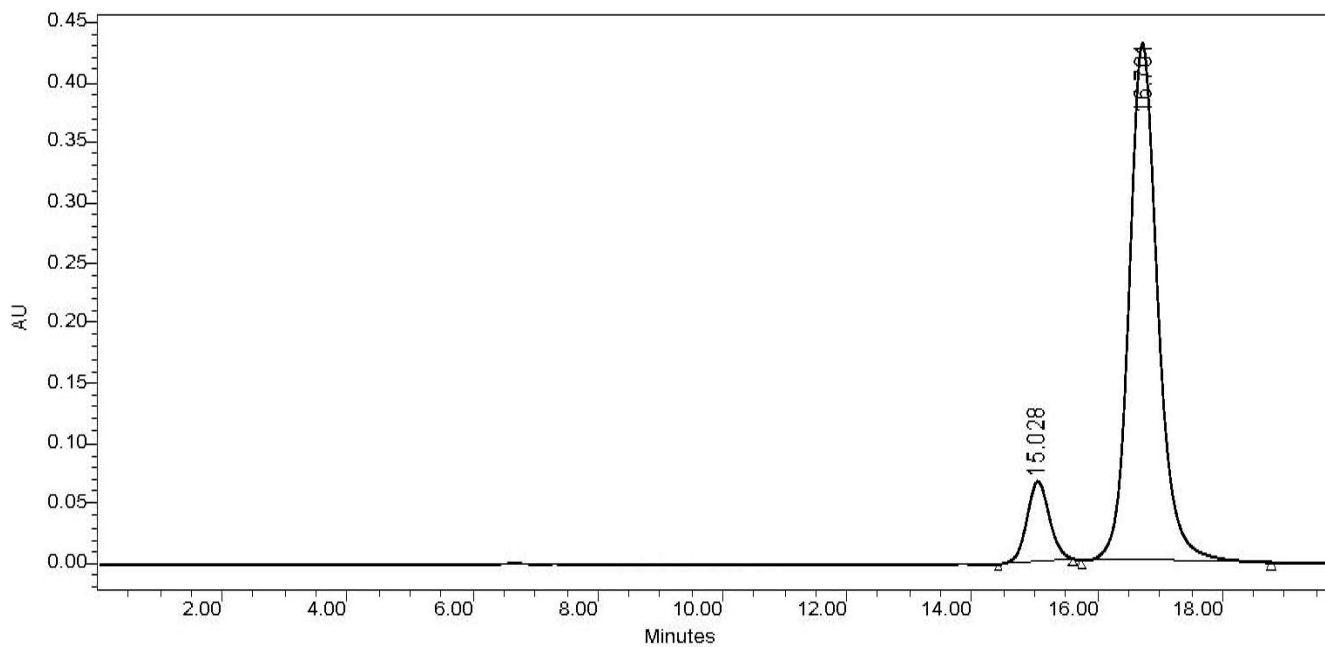
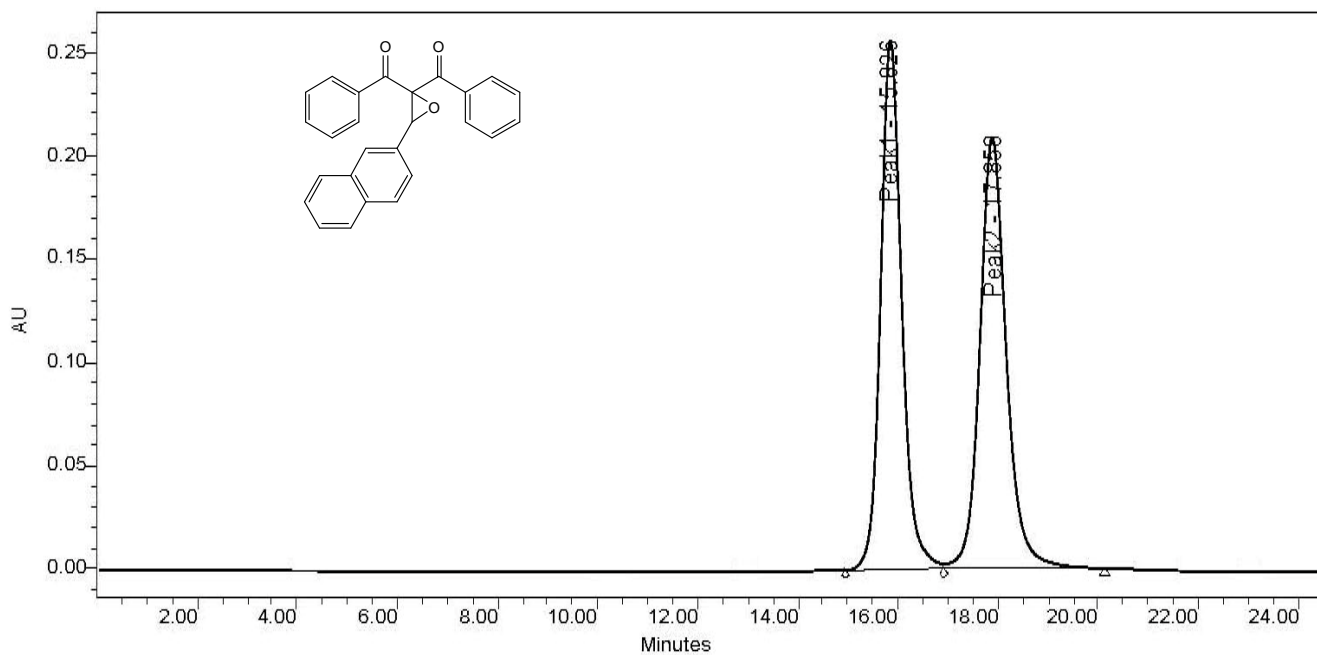
	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	35.483	1861048	88.54	45903	89.62
2	Peak2	38.995	240843	11.46	5318	10.38





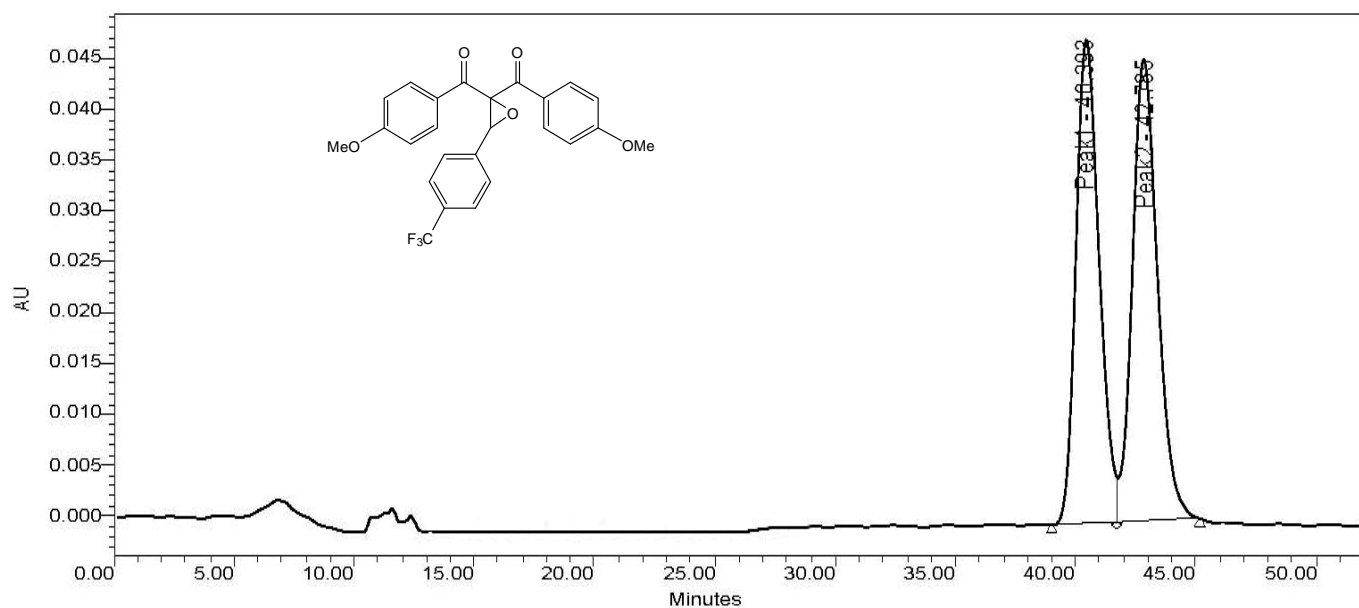


	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	24.112	2434087	7.38	78170	7.75
2	Peak2	25.644	30561074	92.62	930147	92.25

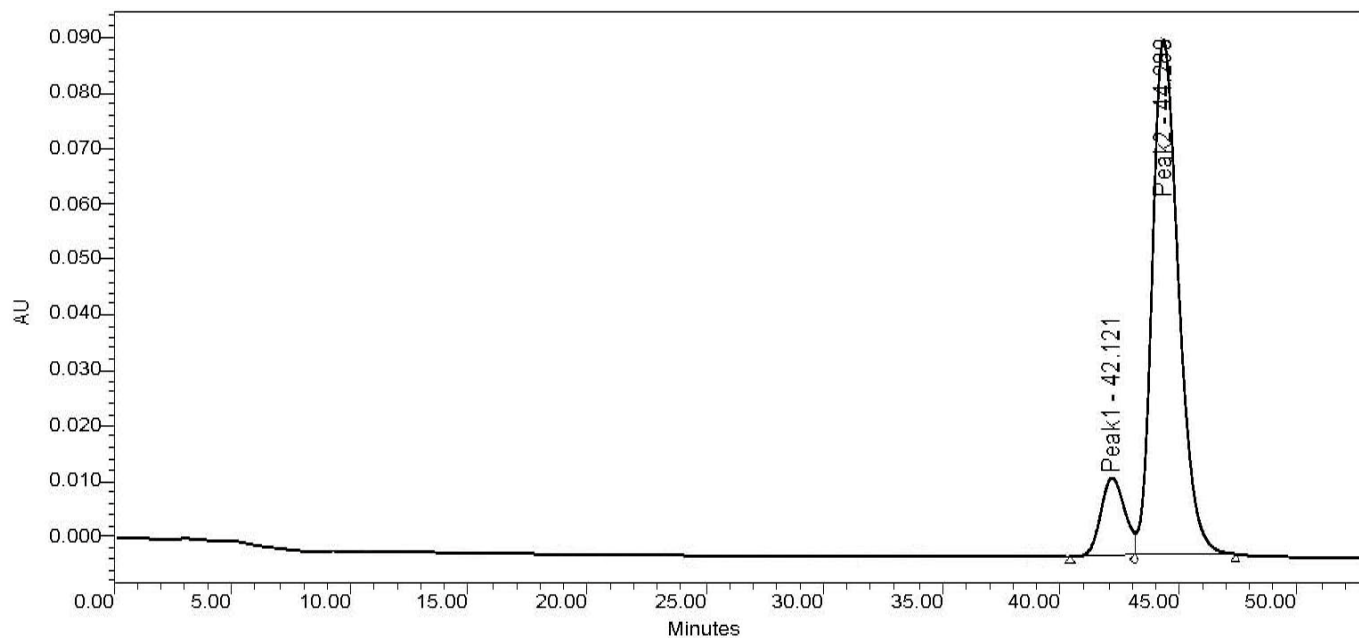


	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	15.028	1667917	10.79	66647	13.41
2	16.701	13796165	89.21	430373	86.59

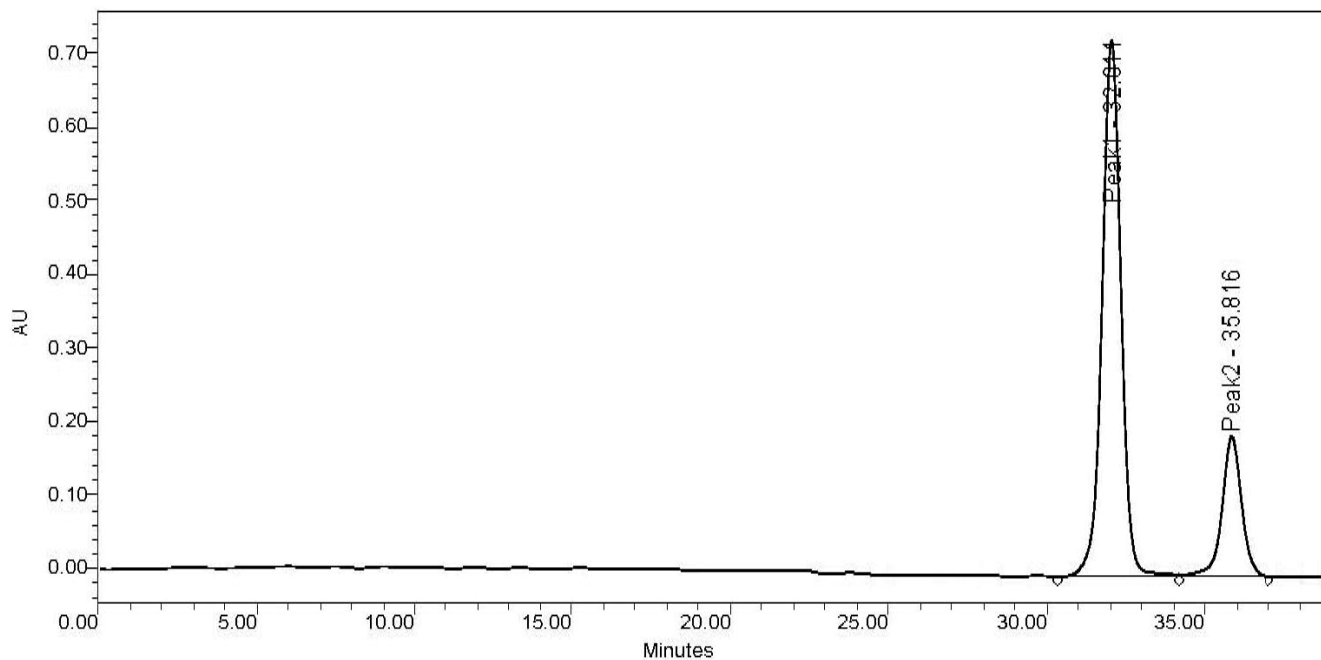
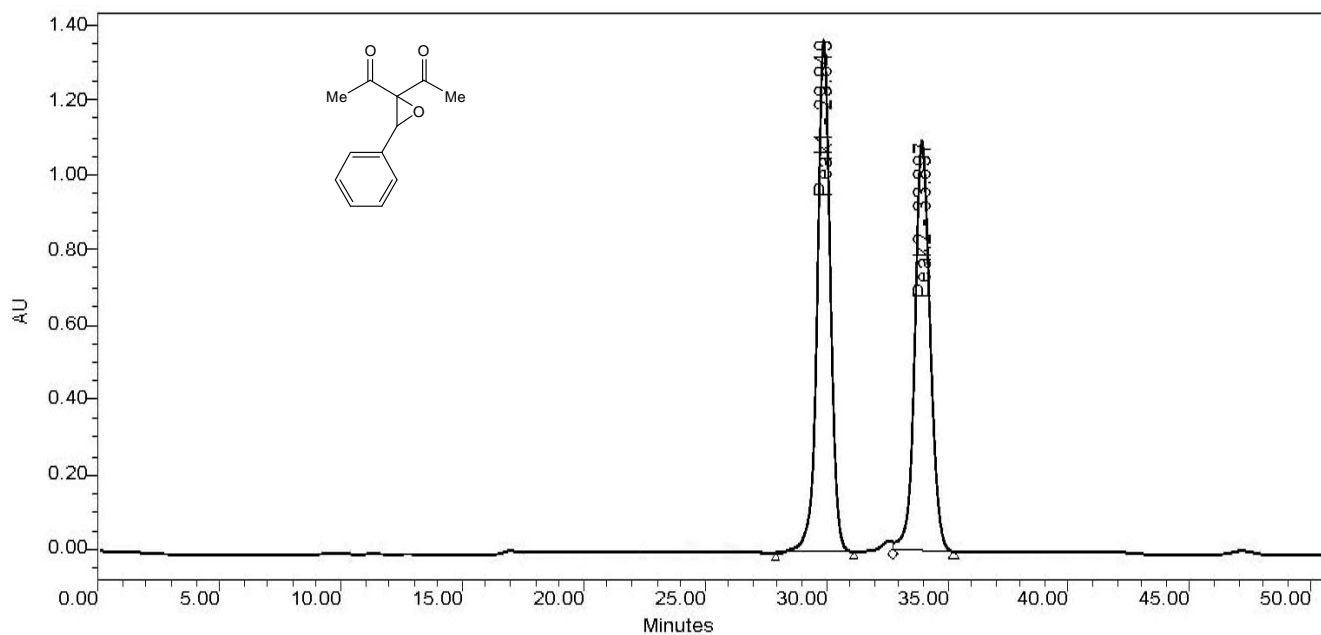




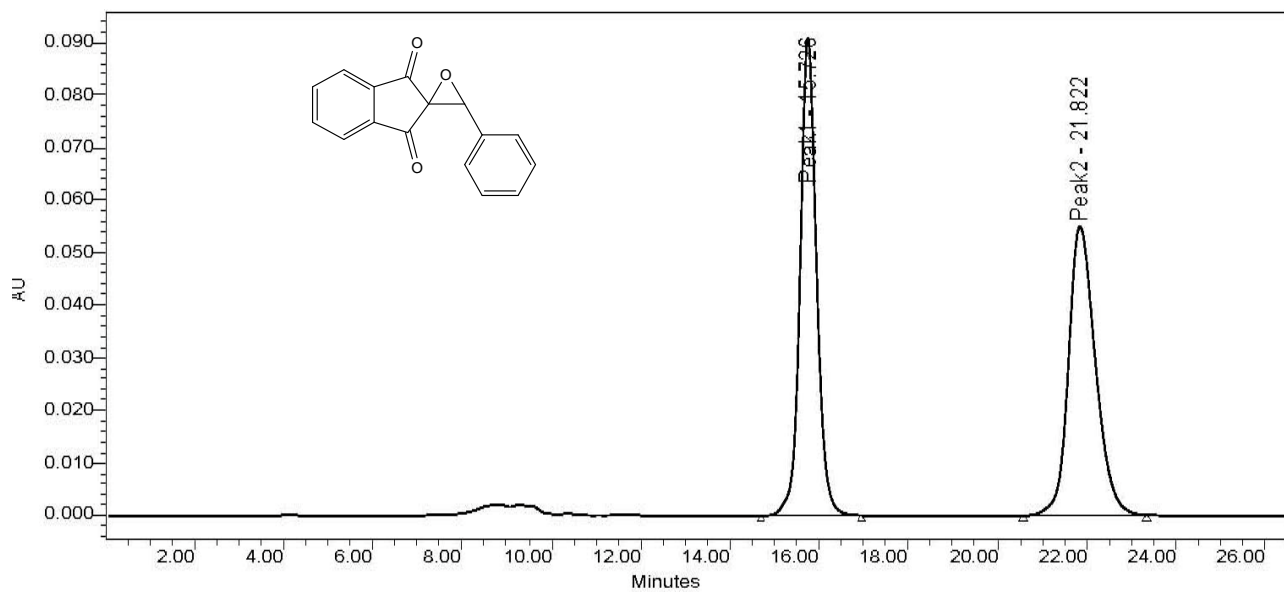
	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	40.393	3204519	49.23	47491	51.14
2	Peak2	42.785	3304803	50.77	45375	48.86



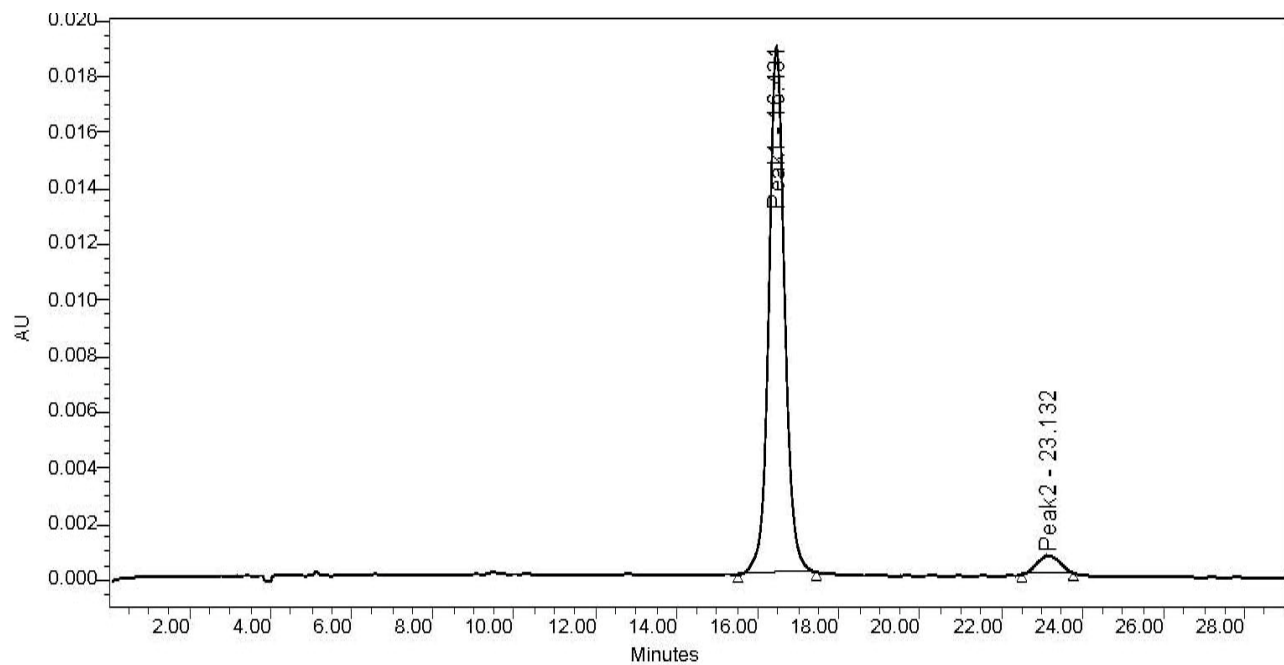
	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	42.121	996788	12.17	14163	13.22
2	Peak2	44.289	7196304	87.83	92963	86.78



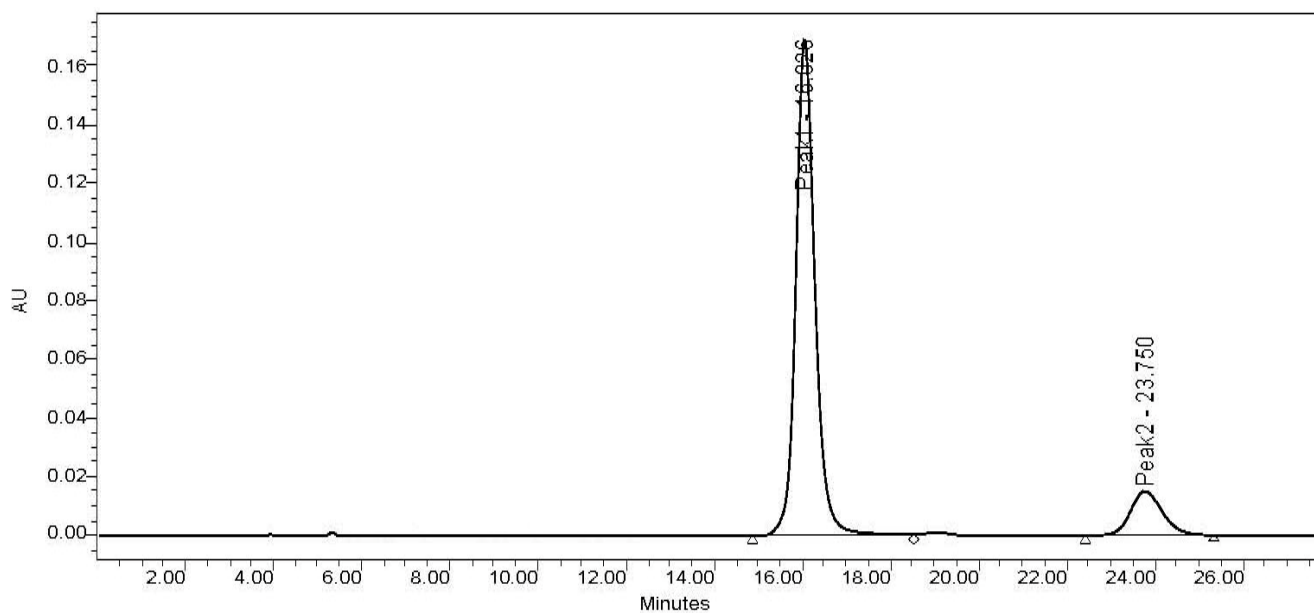
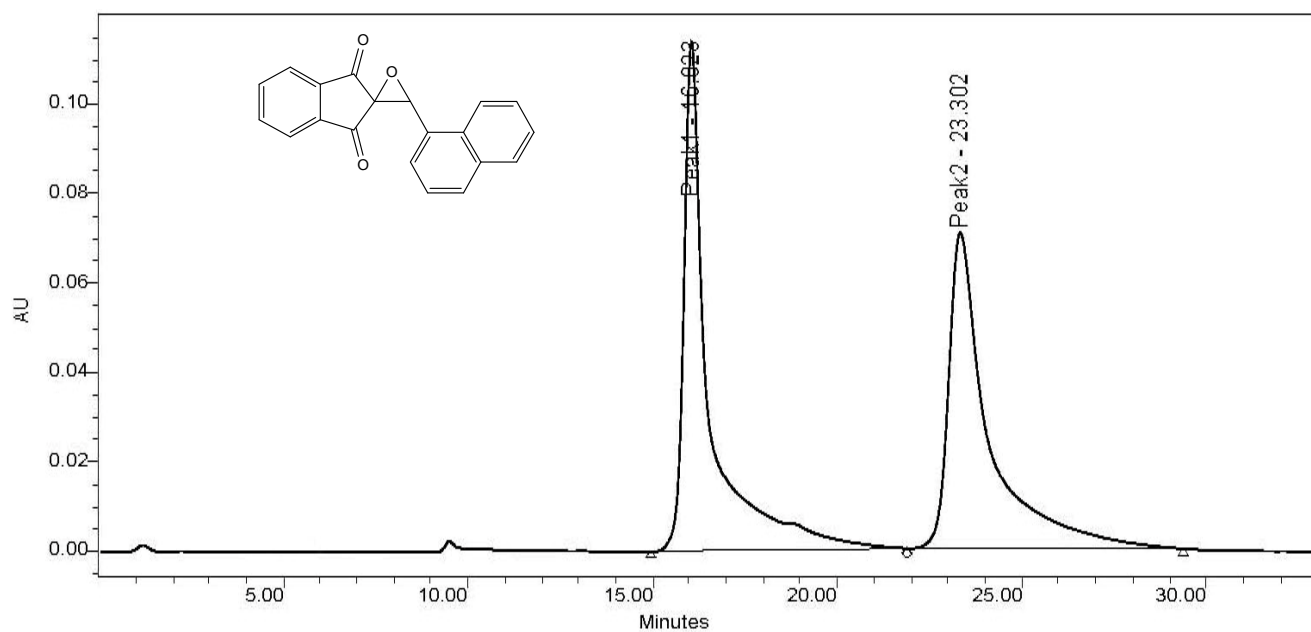
	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	32.011	30479002	78.42	729661	79.25
2	Peak2	35.816	8385086	21.58	191101	20.75

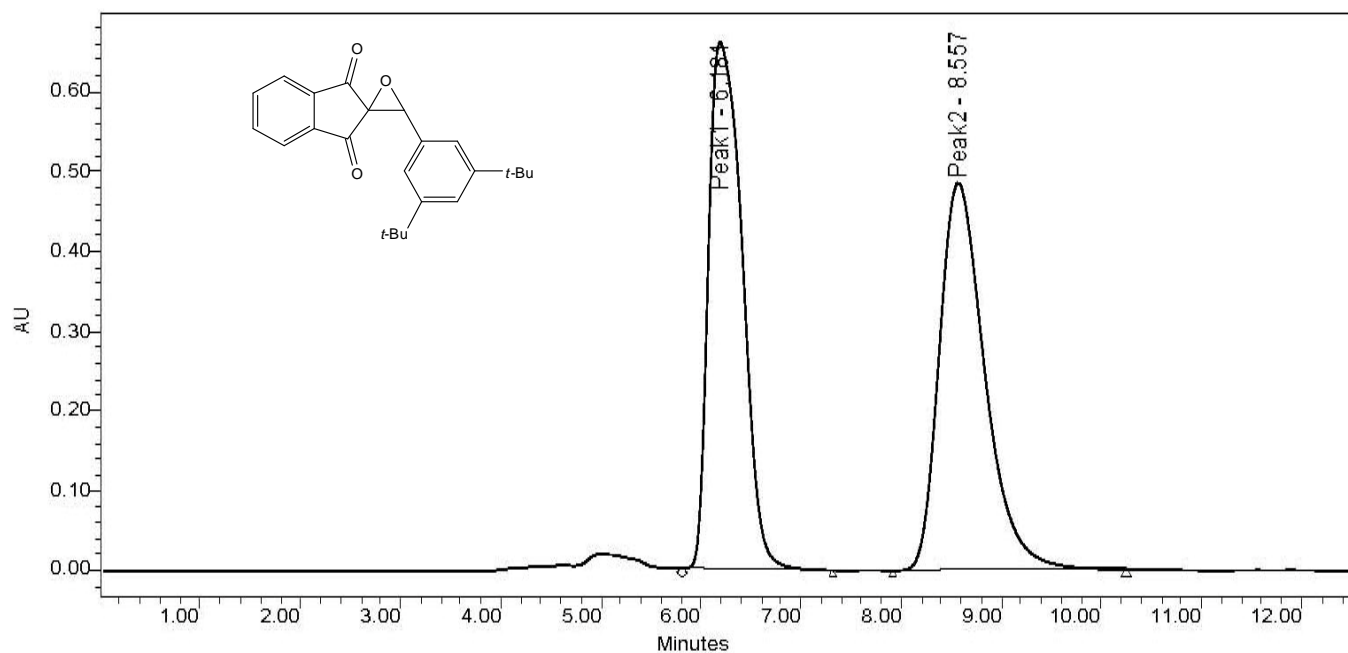


	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	15.726	2325634	50.12	90904	62.30
2	Peak2	21.822	2314689	49.88	55016	37.70

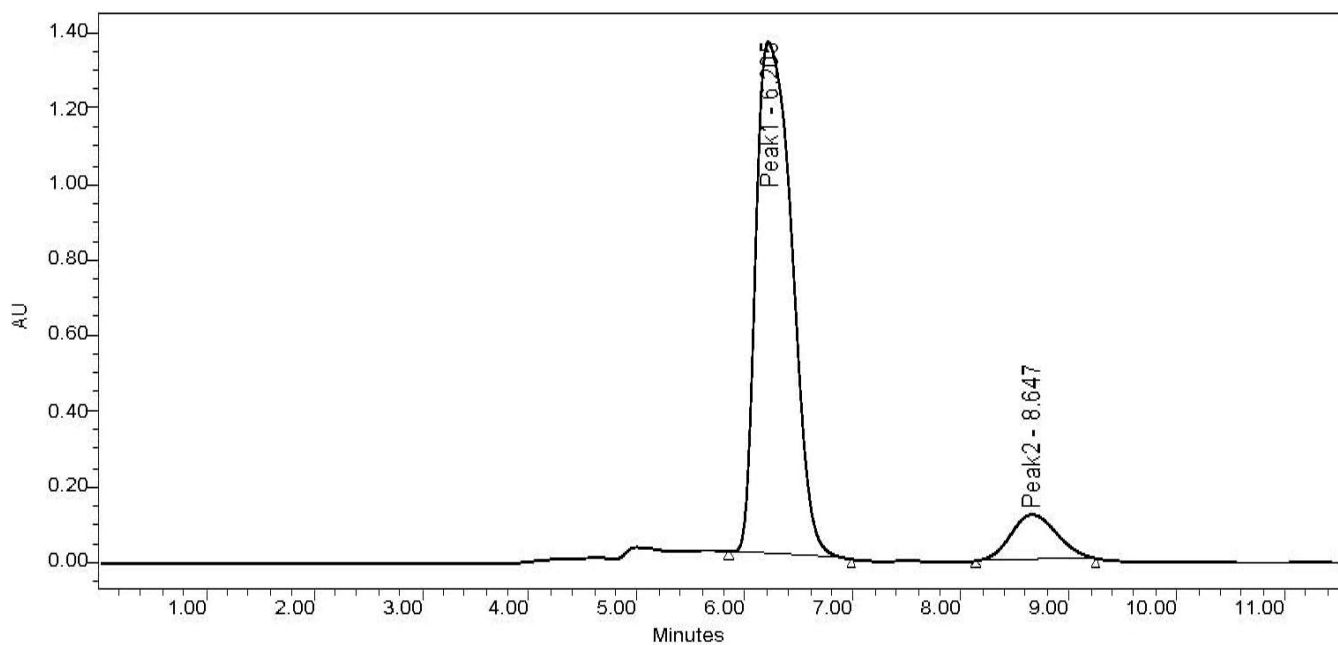


	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	16.431	513576	95.27	18811	96.67
2	Peak2	23.132	25481	4.73	647	3.33

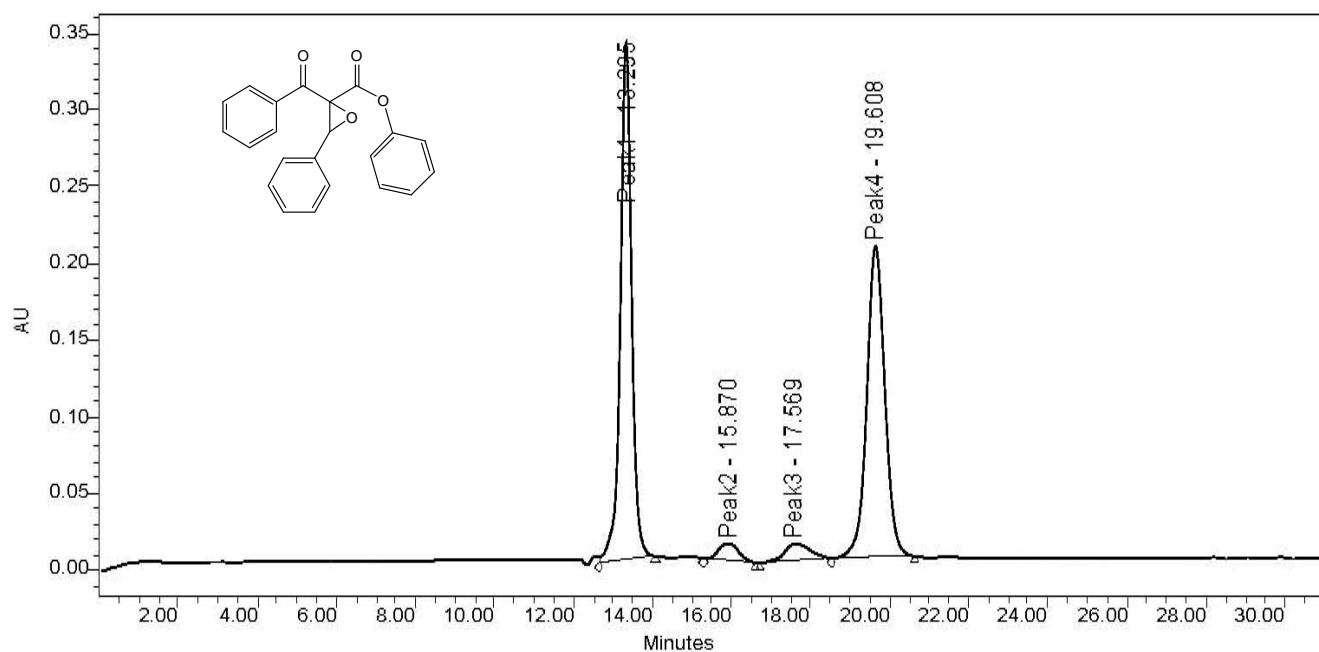




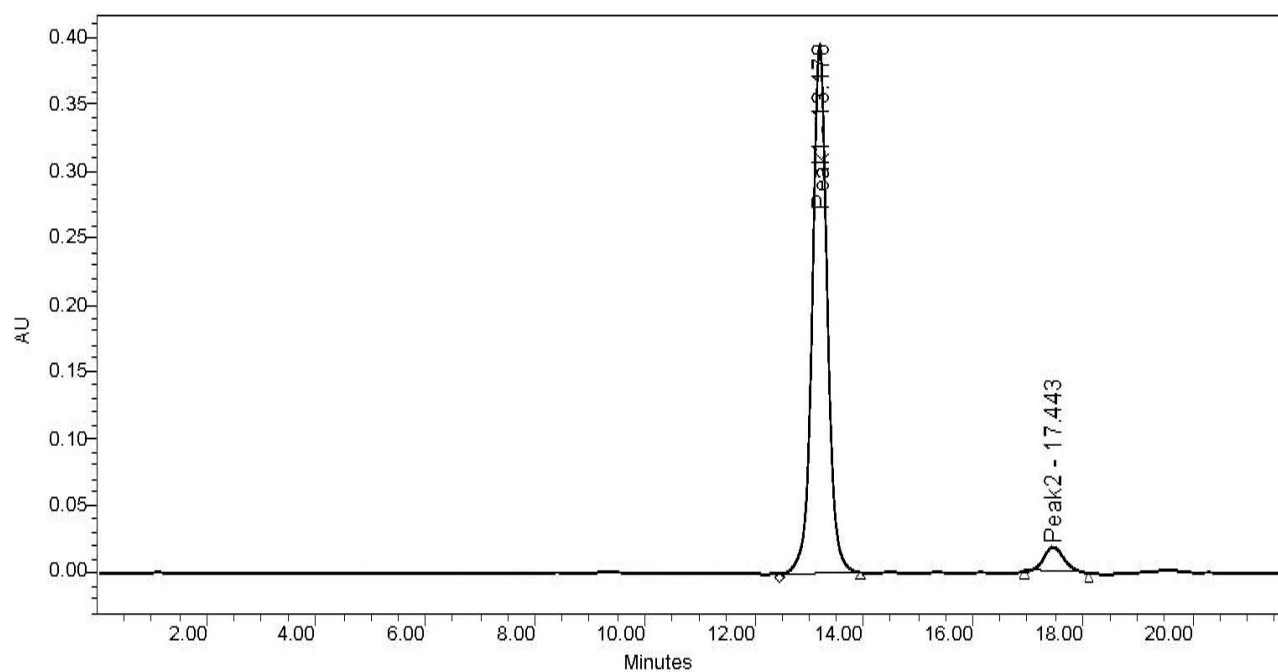
	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	6.181	15377602	50.00	660461	57.61
2	Peak2	8.557	15379591	50.00	485957	42.39



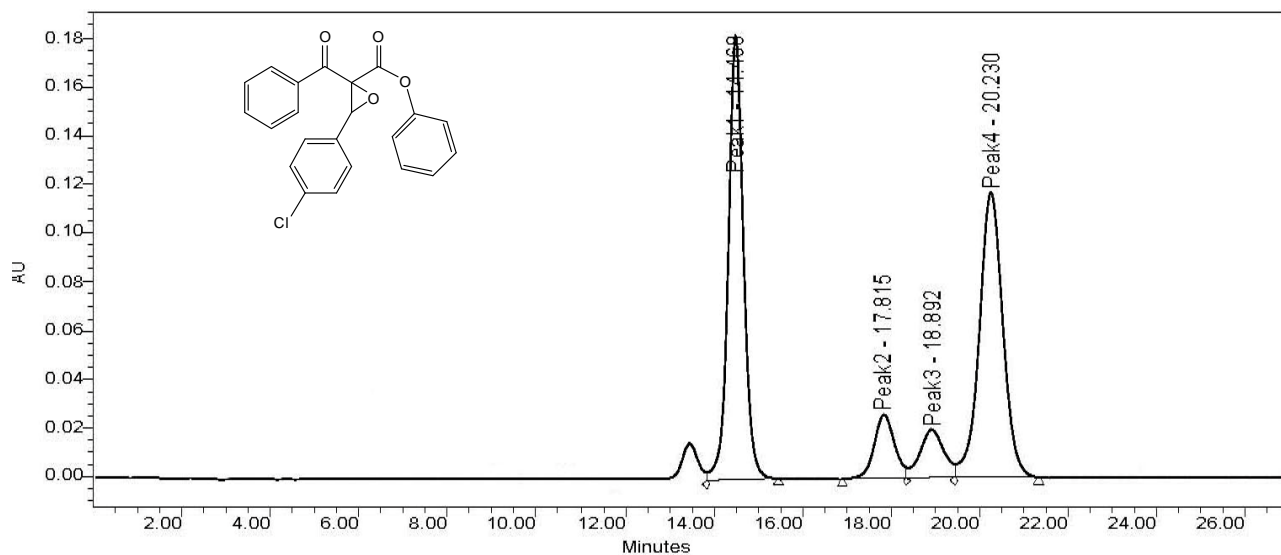
	Peak Name	RT (min)	Area (AU*sec)	% Area	Height (AU)	% Height
1	Peak1	6.205	31397929	89.79	1355724	91.90
2	Peak2	8.647	3569045	10.21	119461	8.10



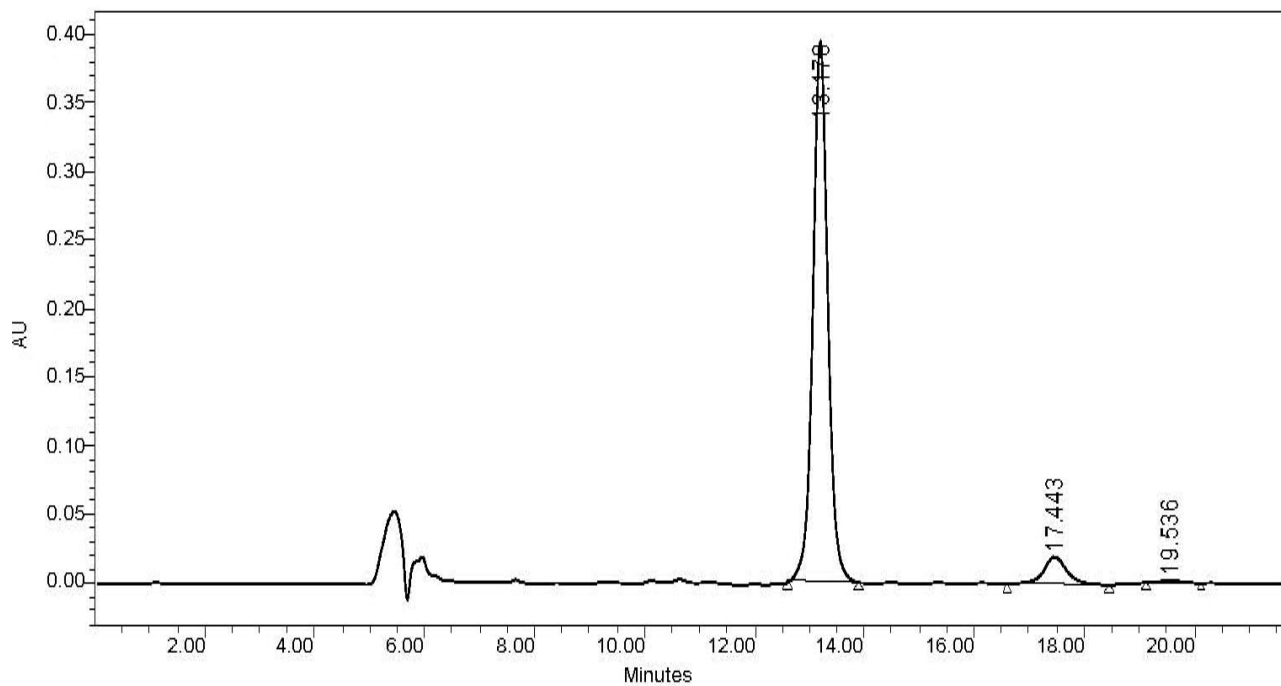
	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	13.295	6670749	47.21	336926	59.85
2	Peak2	15.870	420628	2.98	11395	2.02
3	Peak3	17.569	542925	3.84	11290	2.01
4	Peak4	19.608	6494253	45.97	203324	36.12



	Peak Name	RT (min)	Area (ΔV*sec)	% Area	Height (ΔV)	% Height
1	Peak1	13.178	7570080	93.78	395959	95.47
2	Peak2	17.443	502490	6.22	18809	4.53



	Peak Name	RT (min)	Area (V*sec)	% Area	Height (V)	% Height
1	Peak1	14.468	4356028	42.32	182050	52.70
2	Peak2	17.815	857911	8.33	26313	7.62
3	Peak3	18.892	753402	7.32	19987	5.79
4	Peak4	20.230	4325980	42.03	117120	33.90



	RT (min)	Area (V*sec)	% Area	Height (V)	% Height
1	13.178	7477953	91.96	394788	94.70
2	17.443	604458	7.43	20037	4.81
3	19.536	49701	0.61	2066	0.50