

**Catalytic Asymmetric Conjugate Addition of Various α -Mercaptoketones to
 α,β -Unsaturated *N*-Acylated Oxazolidin-2-ones with Bifunctional Organocatalyst**

Bo-Liang Zhao and Da-Ming Du*

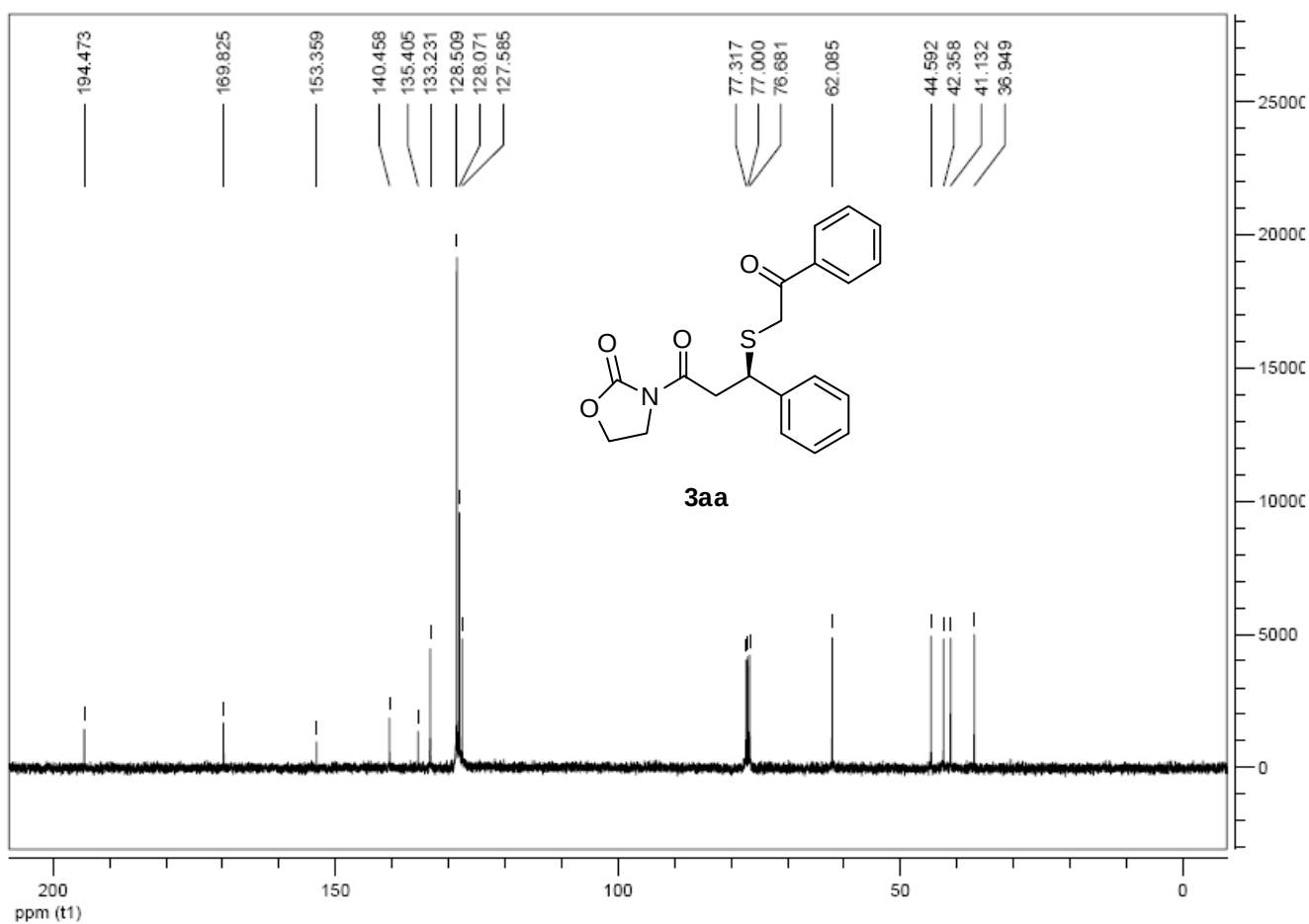
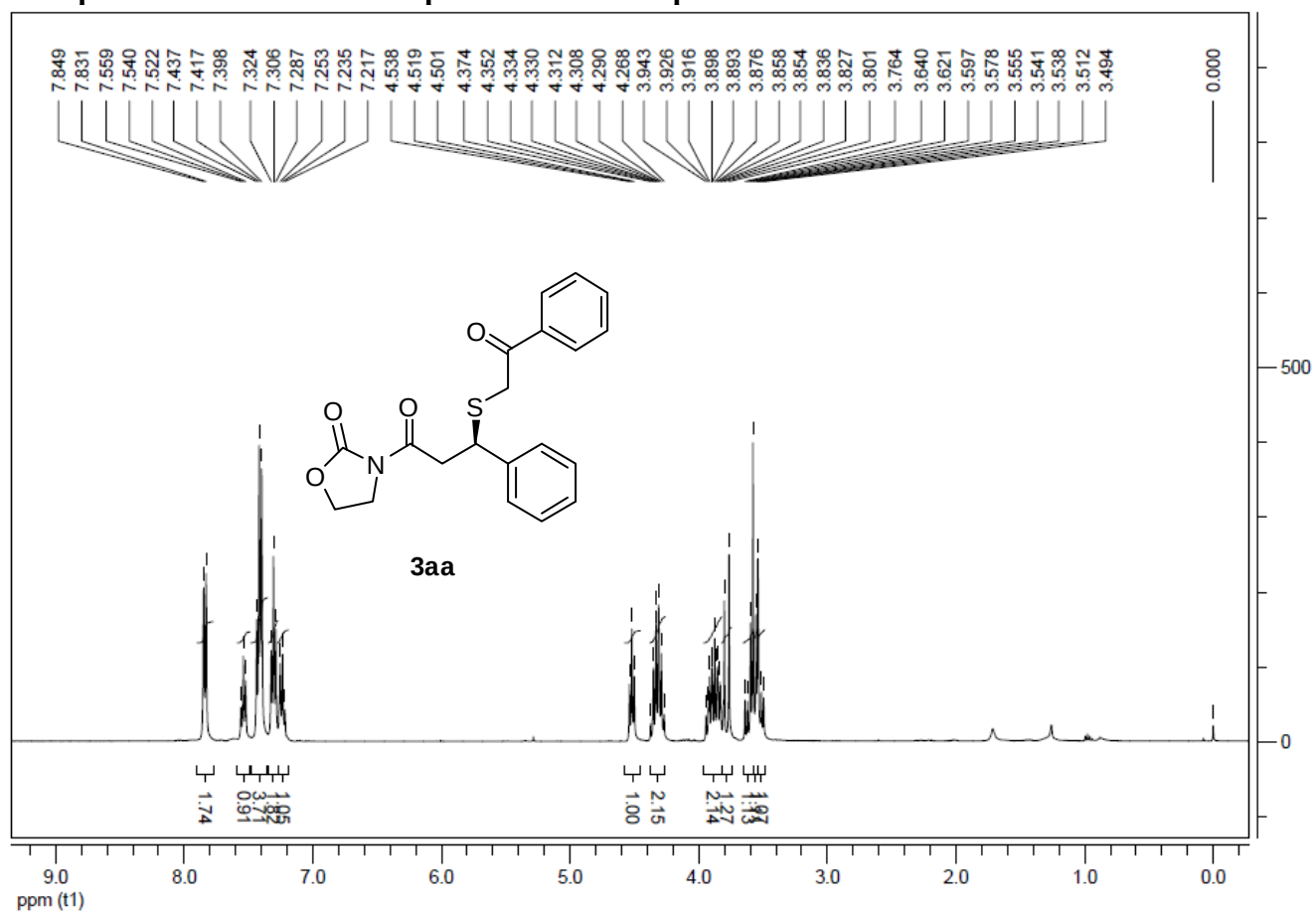
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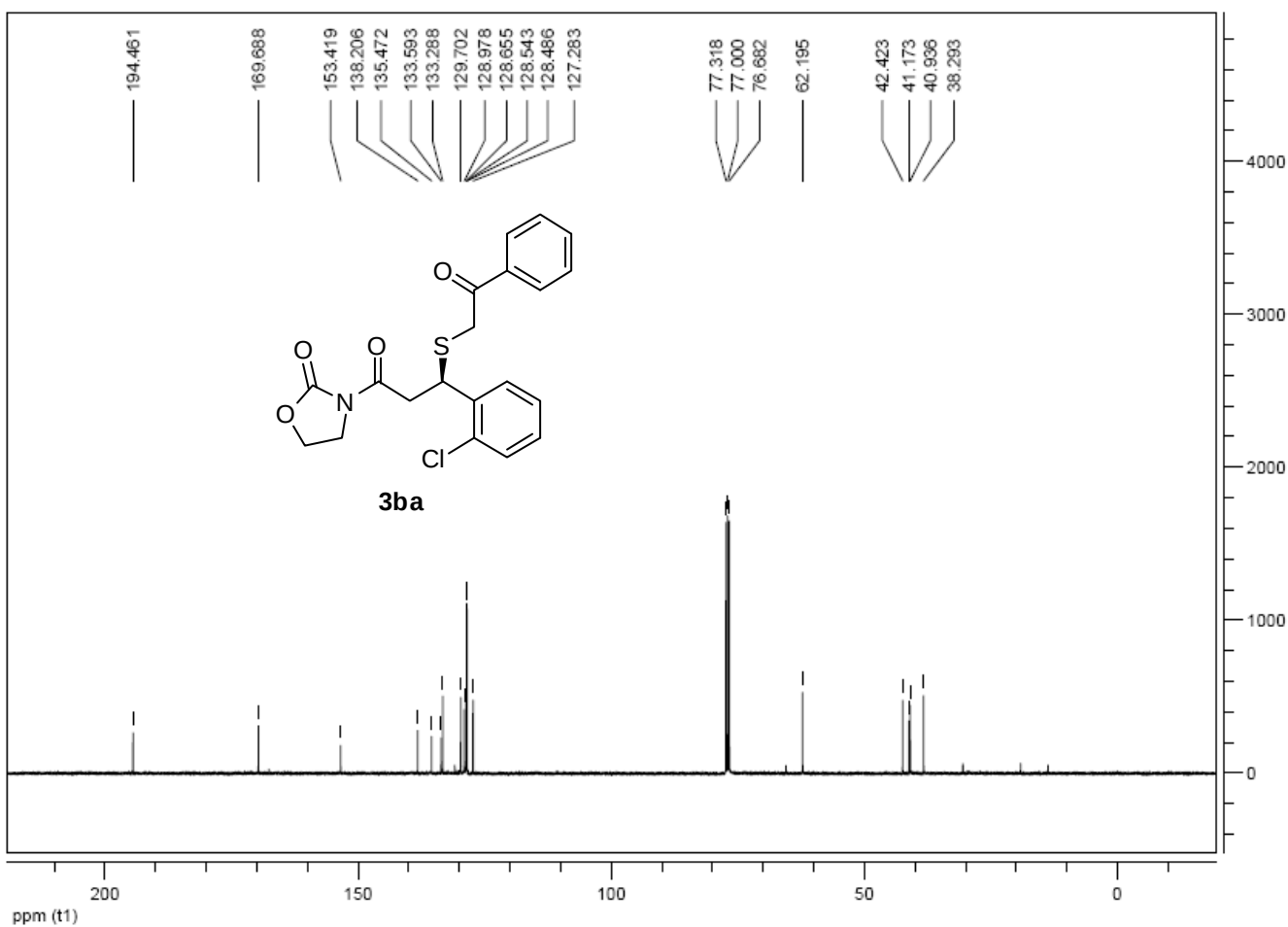
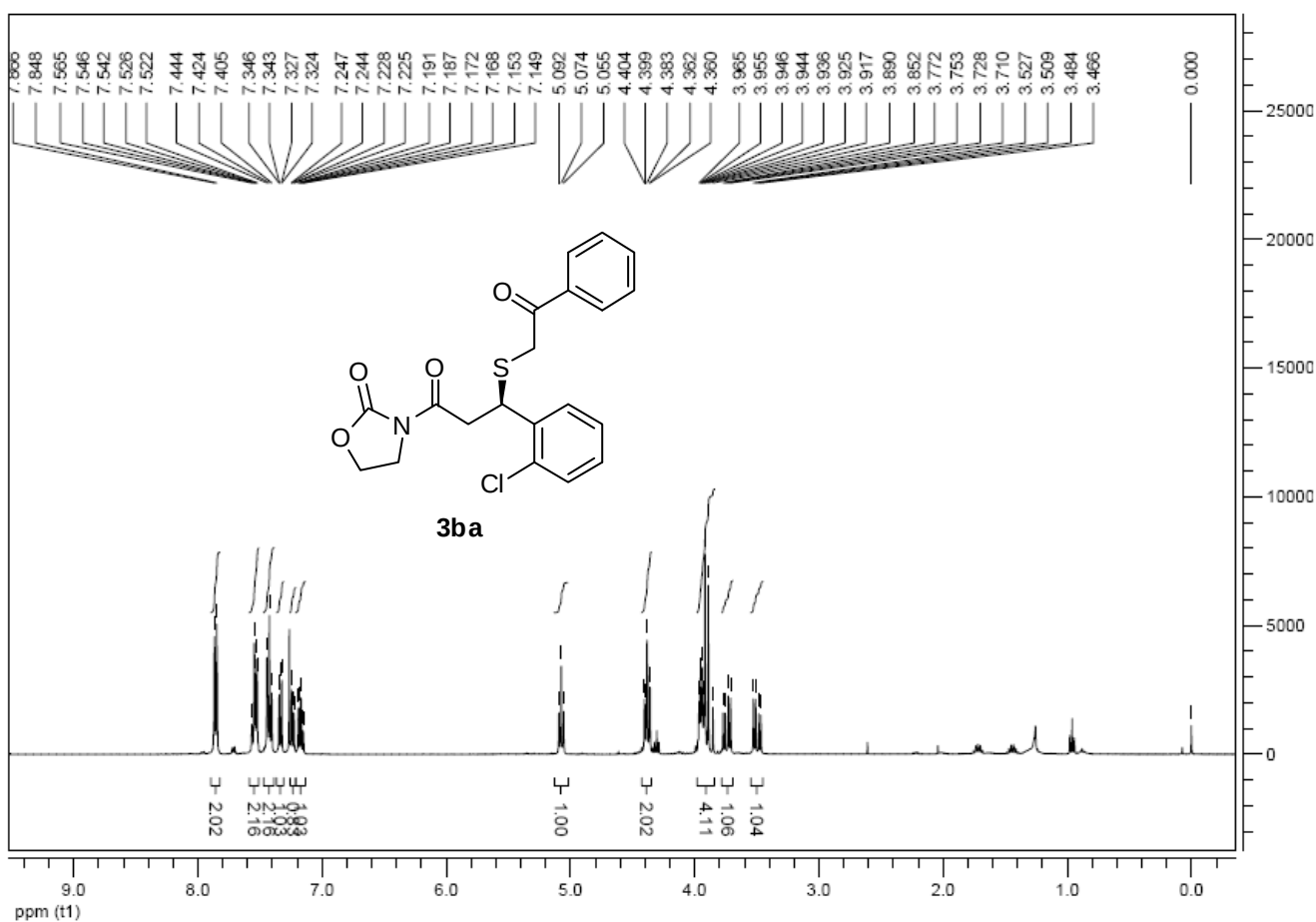
Supporting Information

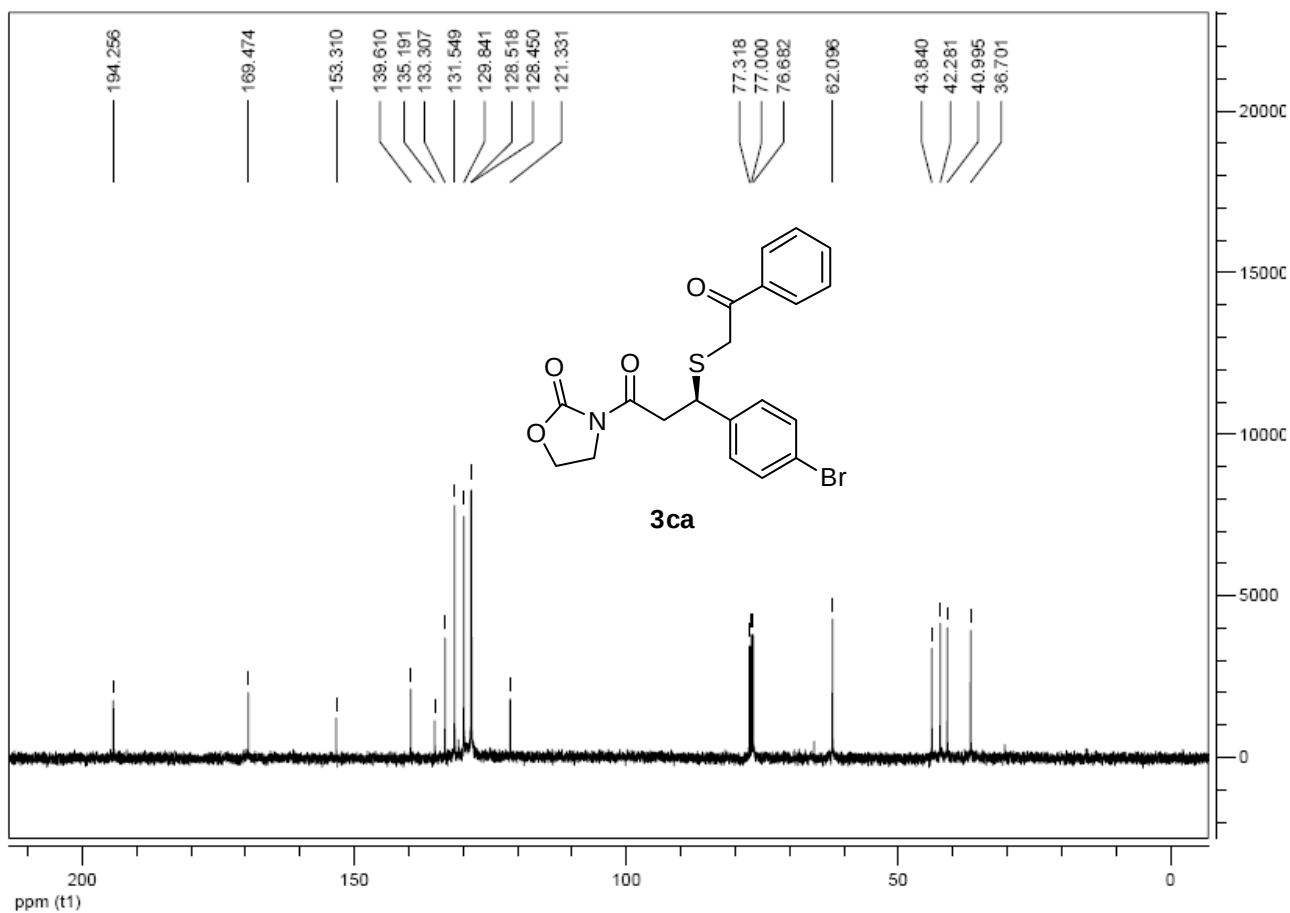
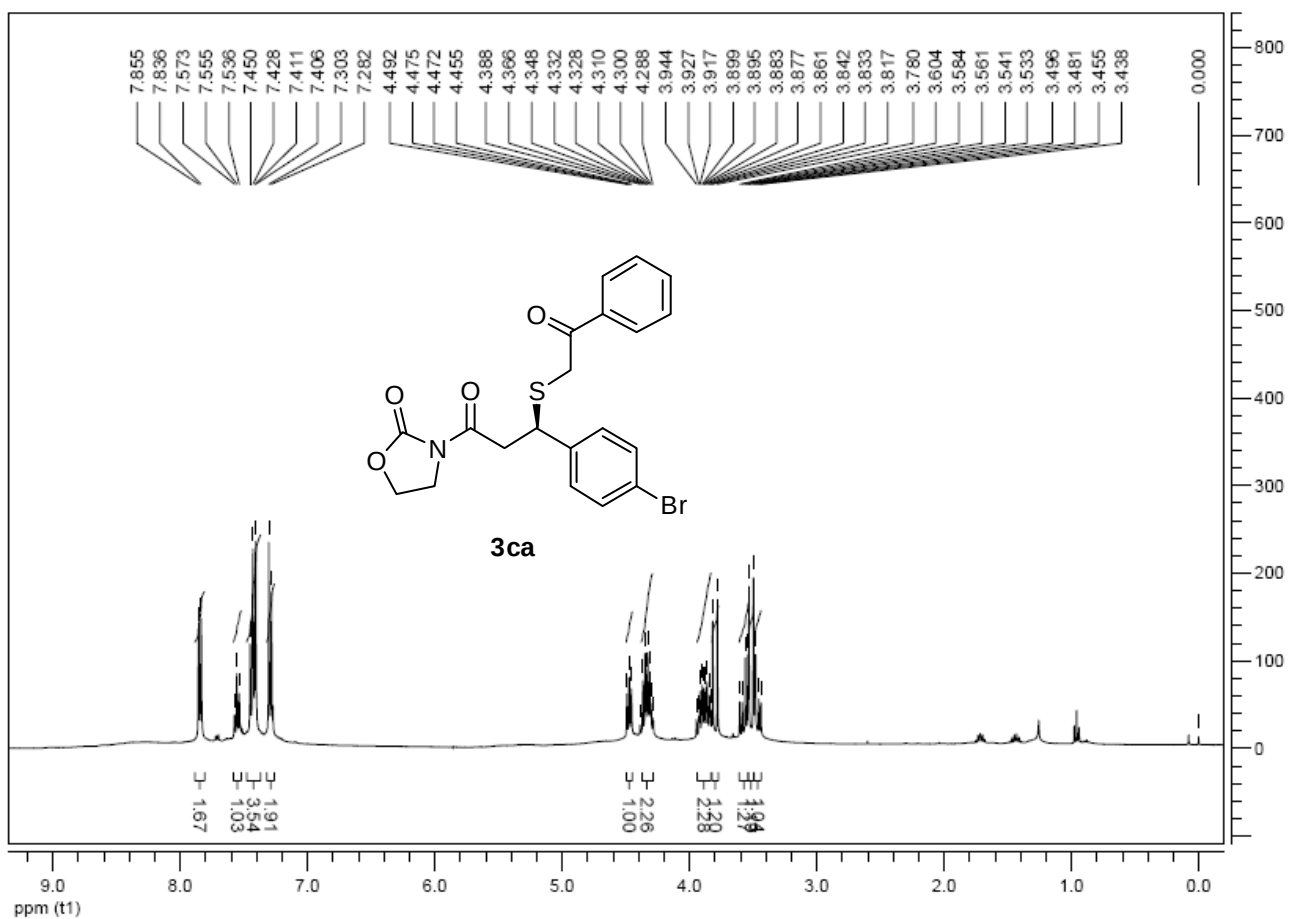
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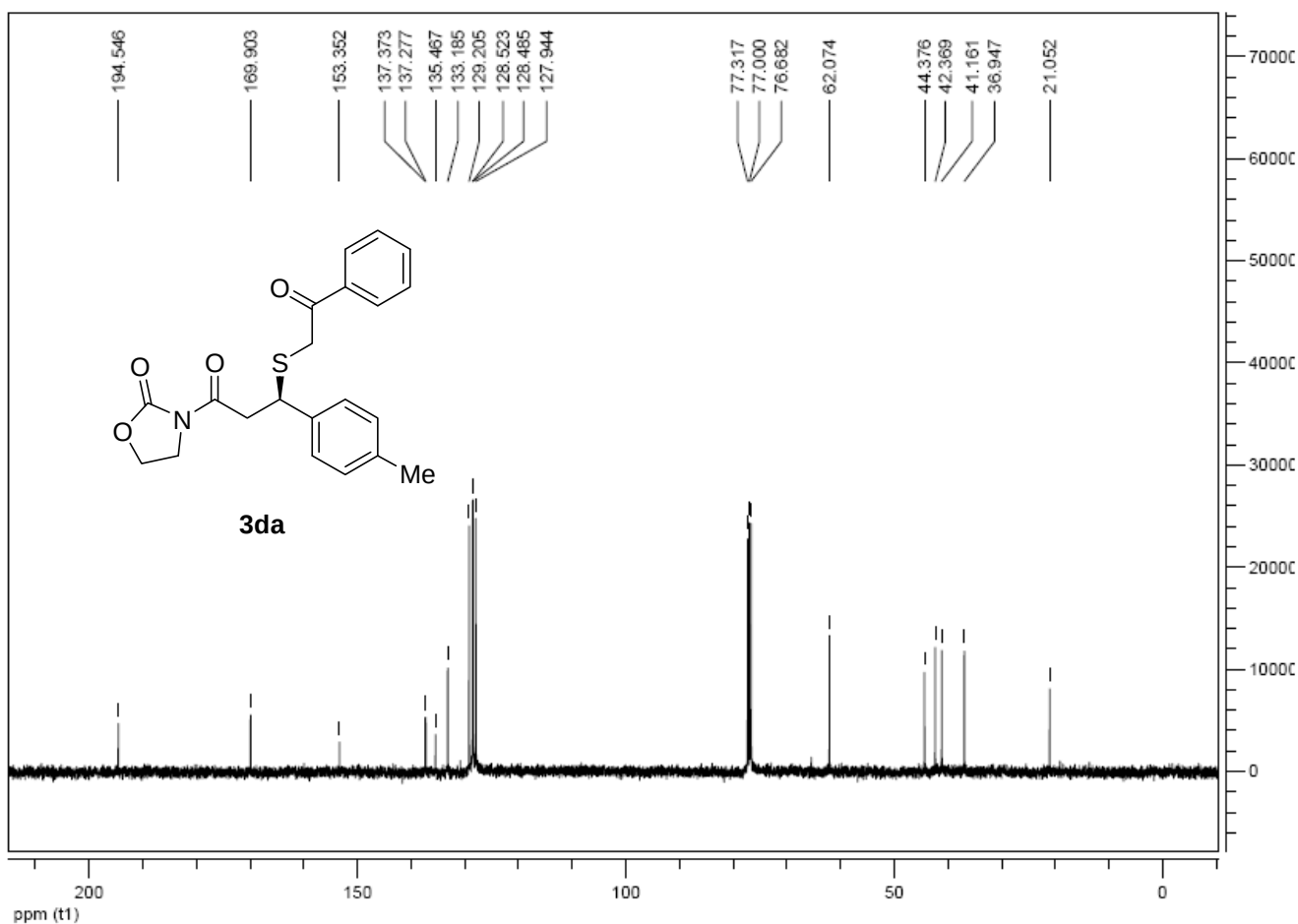
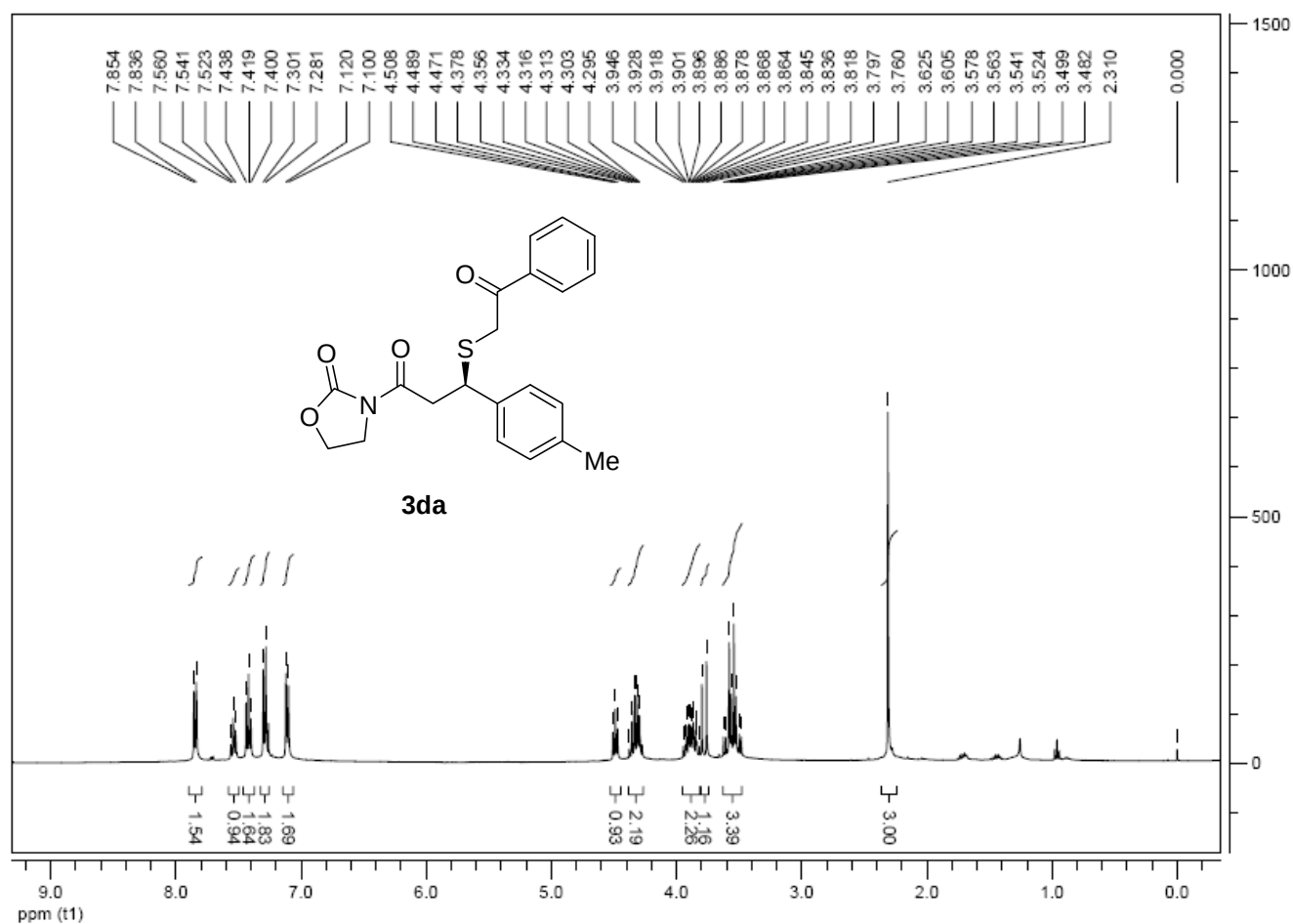
Copies of ^1H and ^{13}C NMR spectra of new compounds.....	S1
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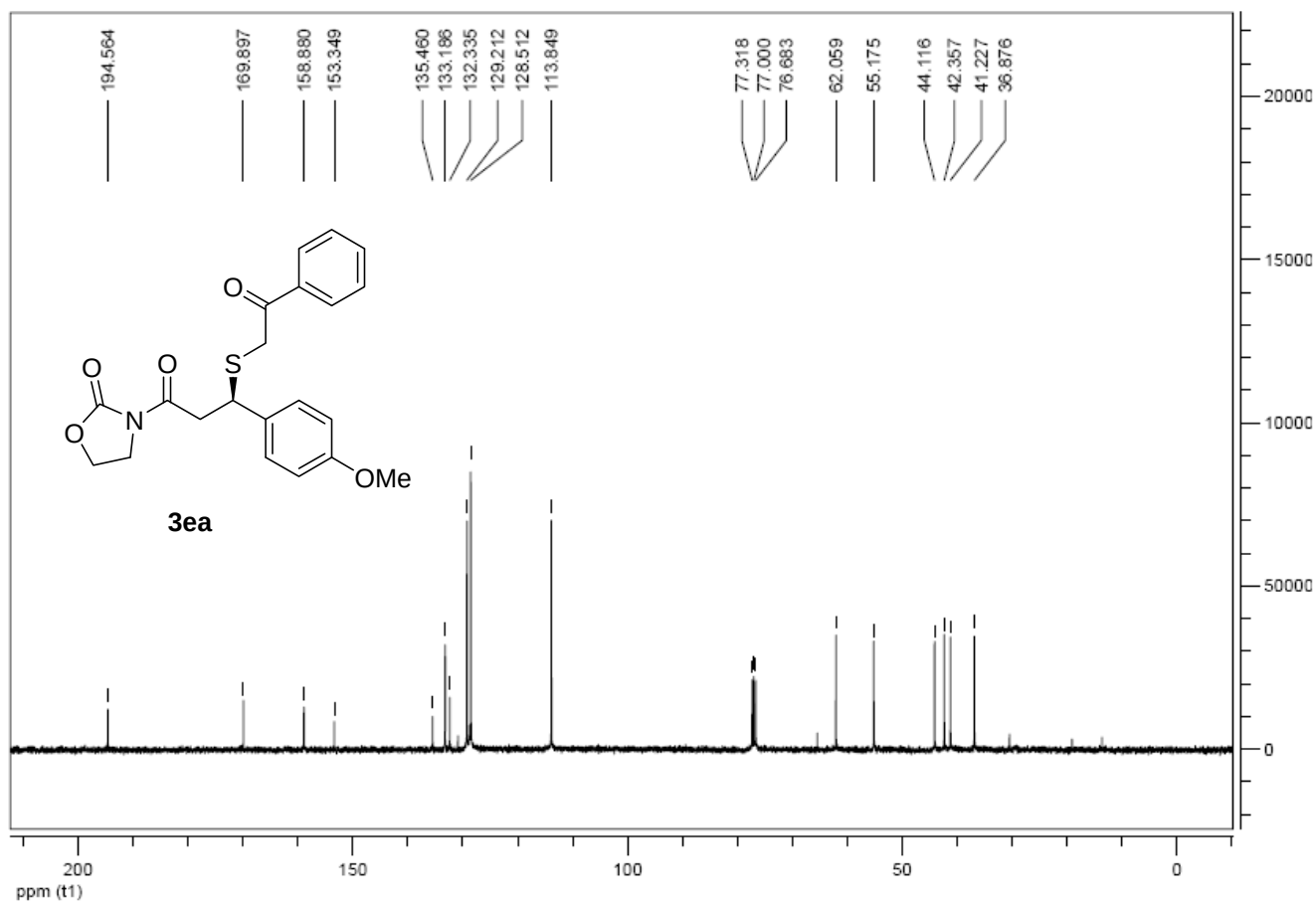
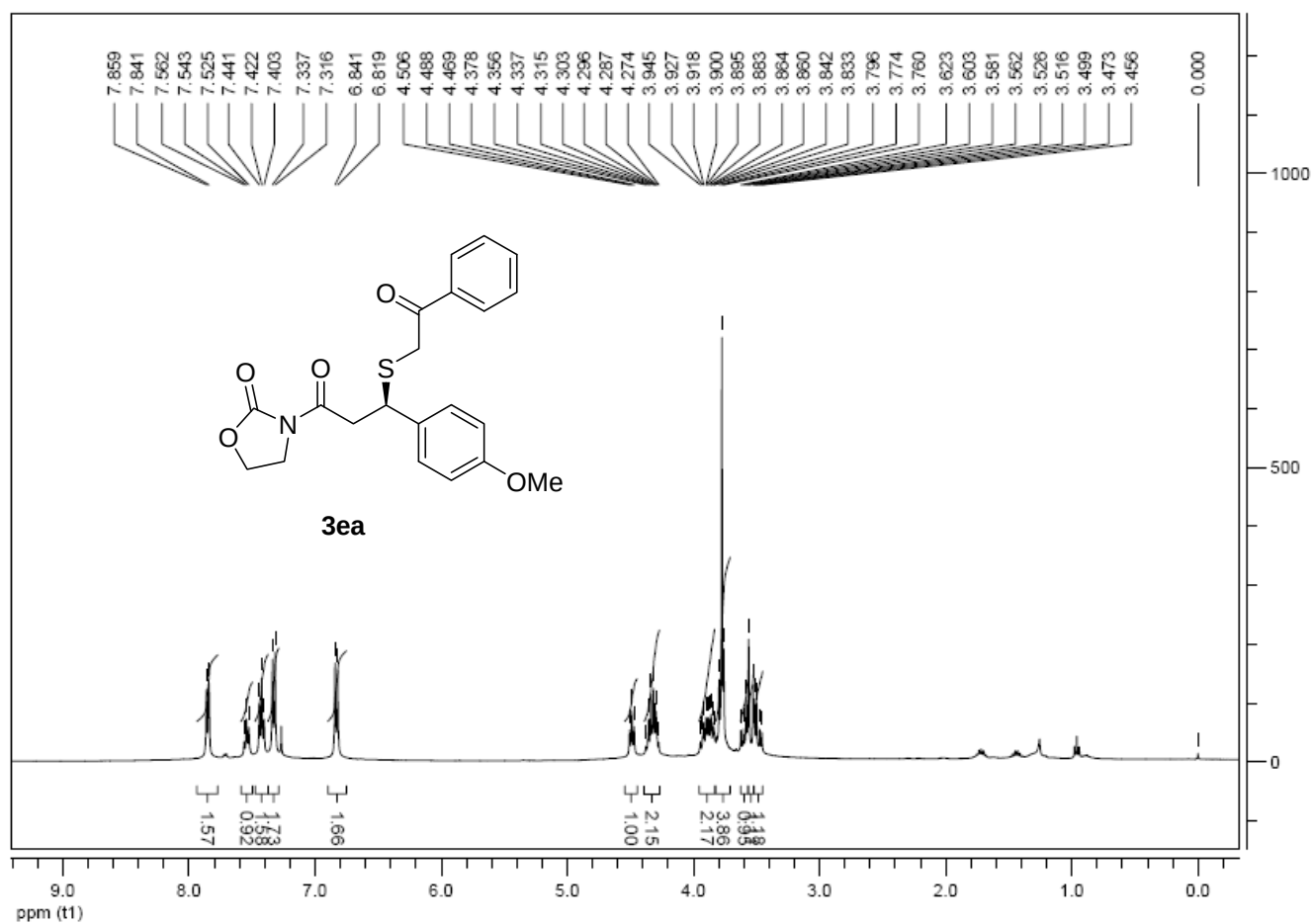
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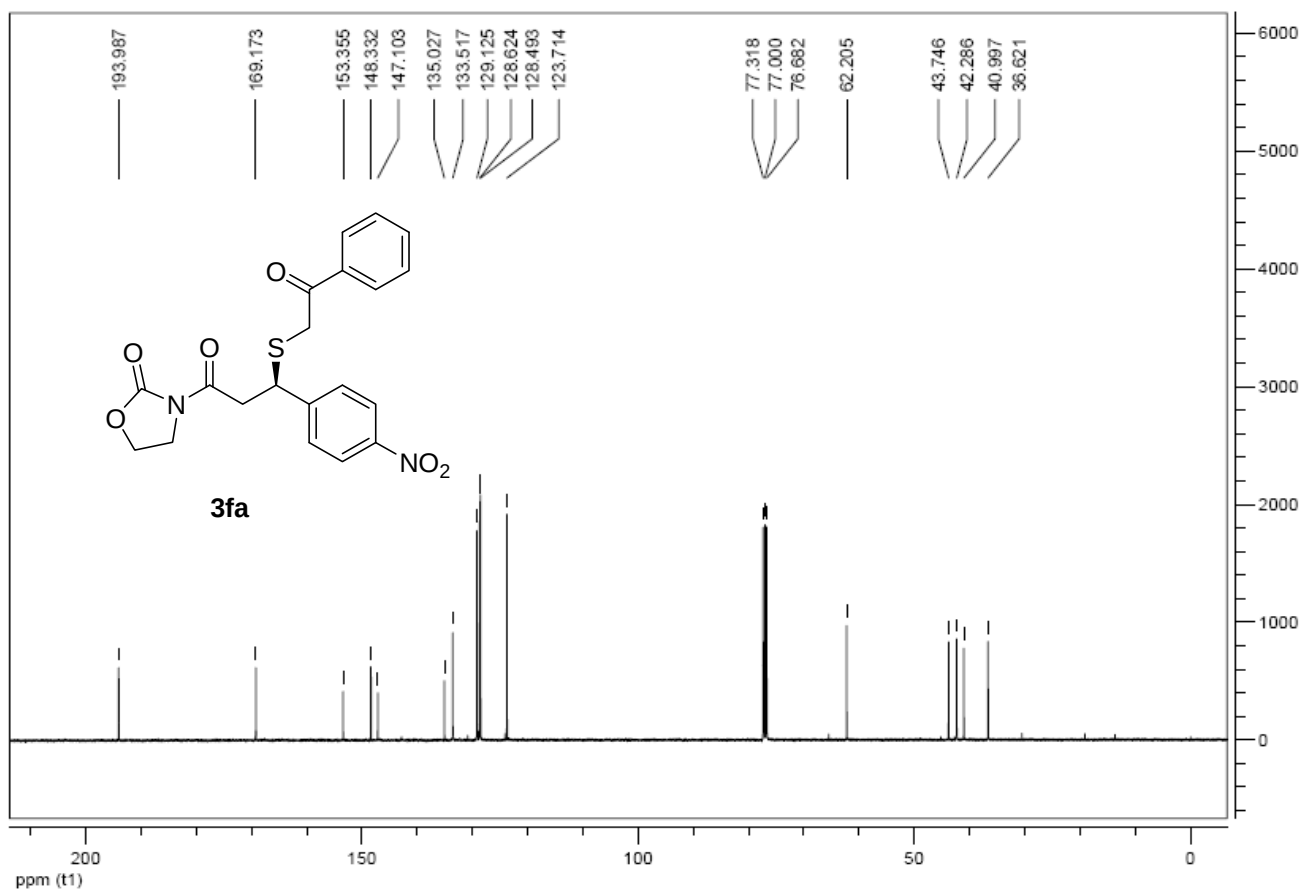
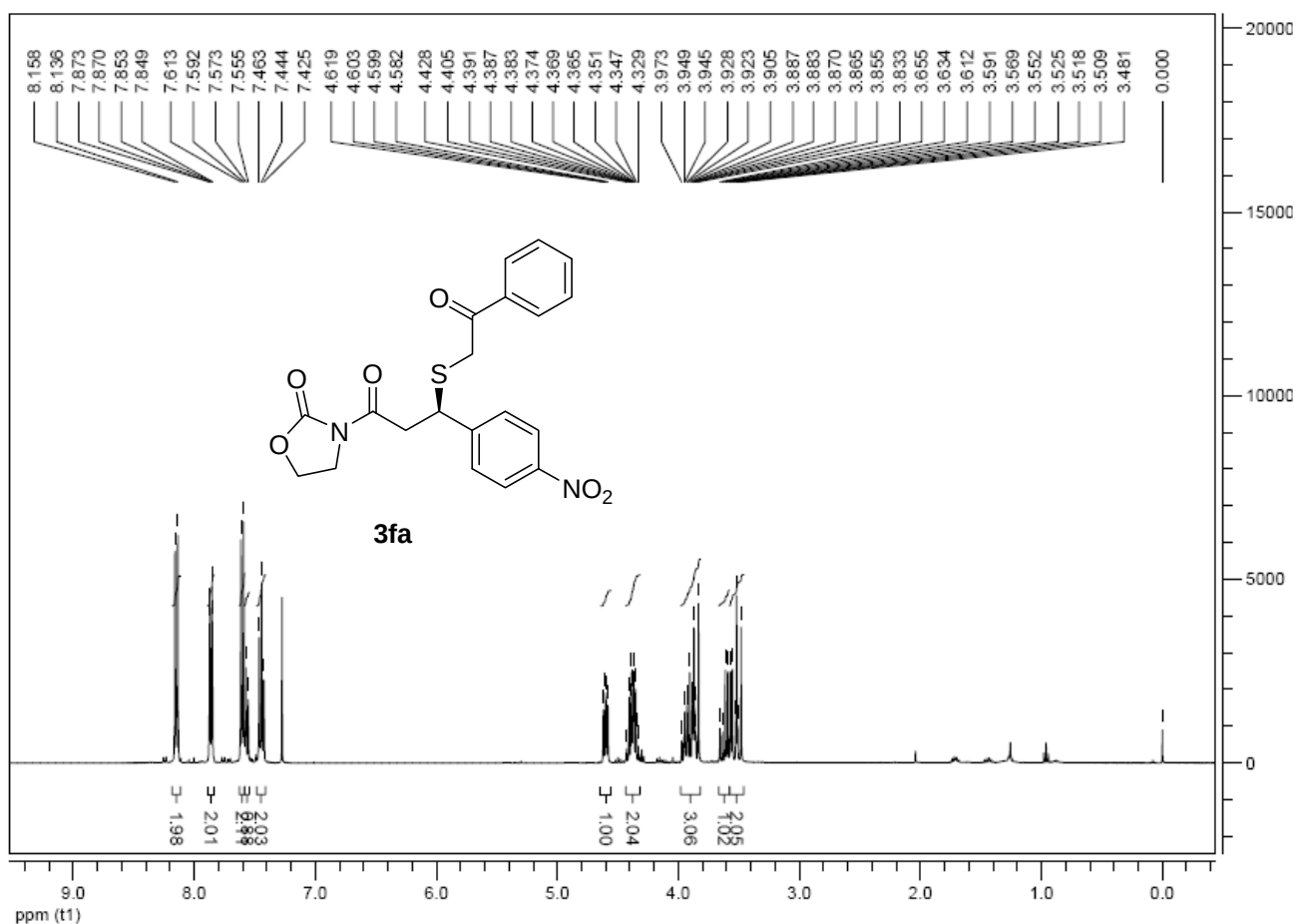


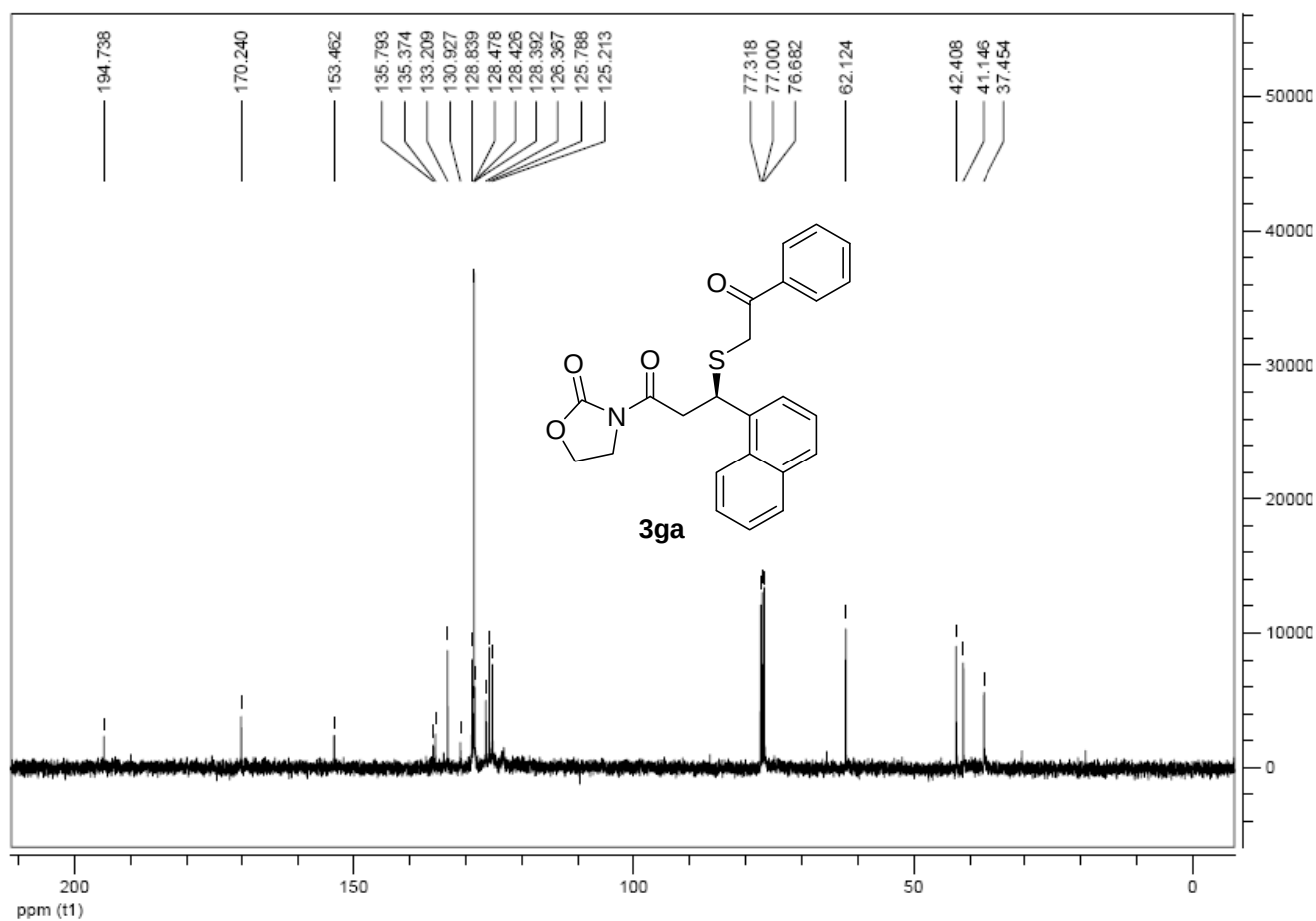
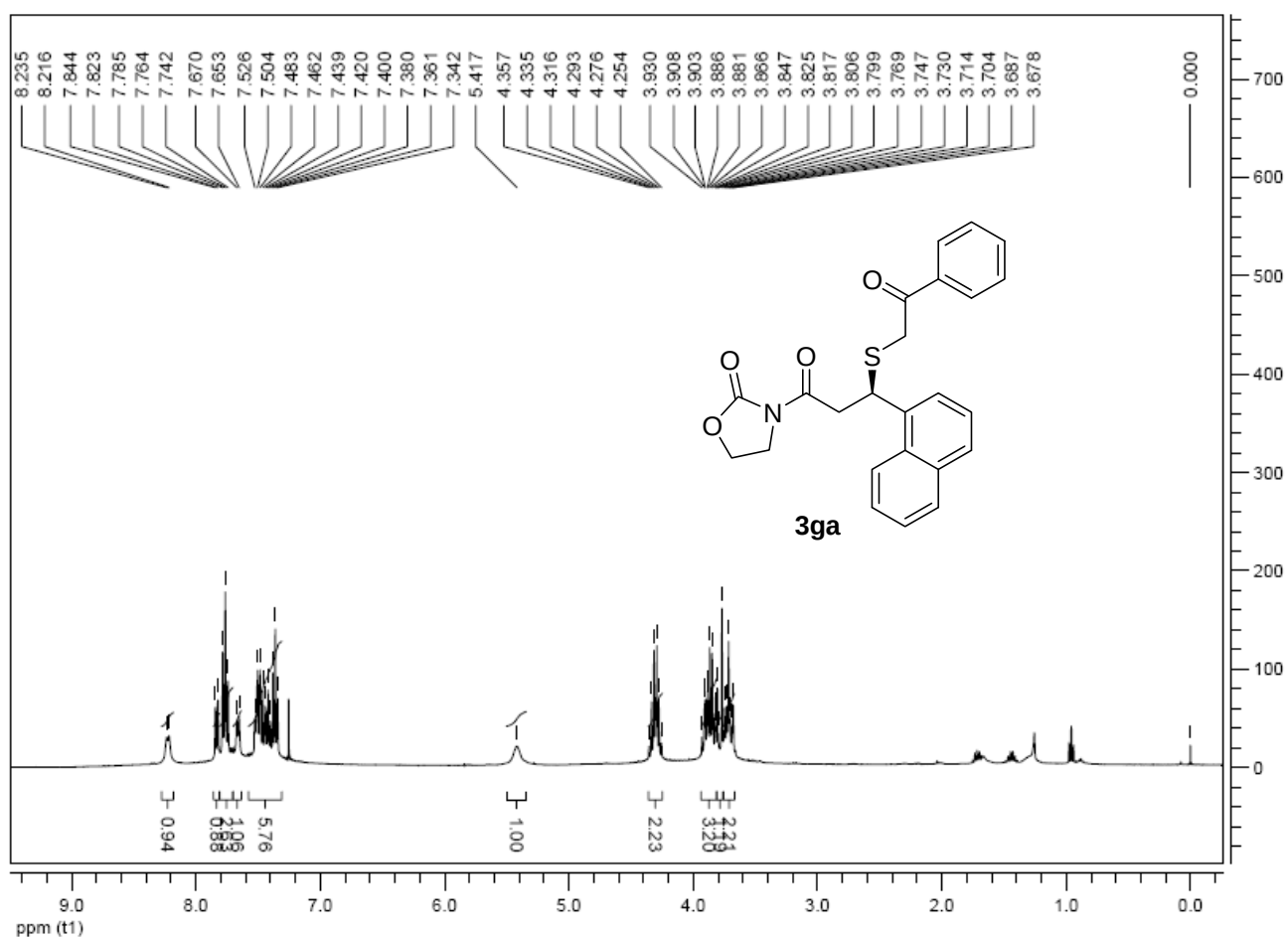


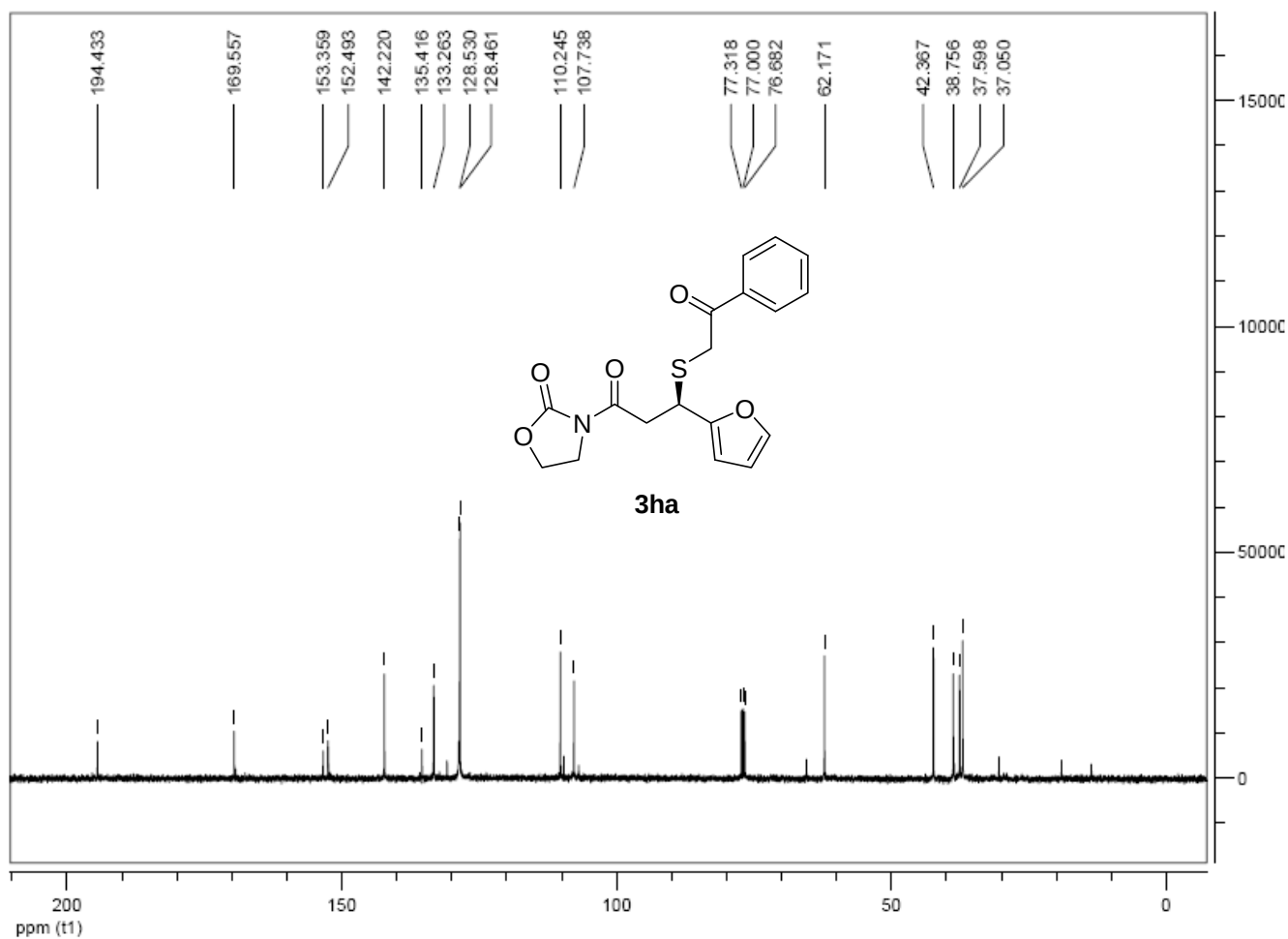
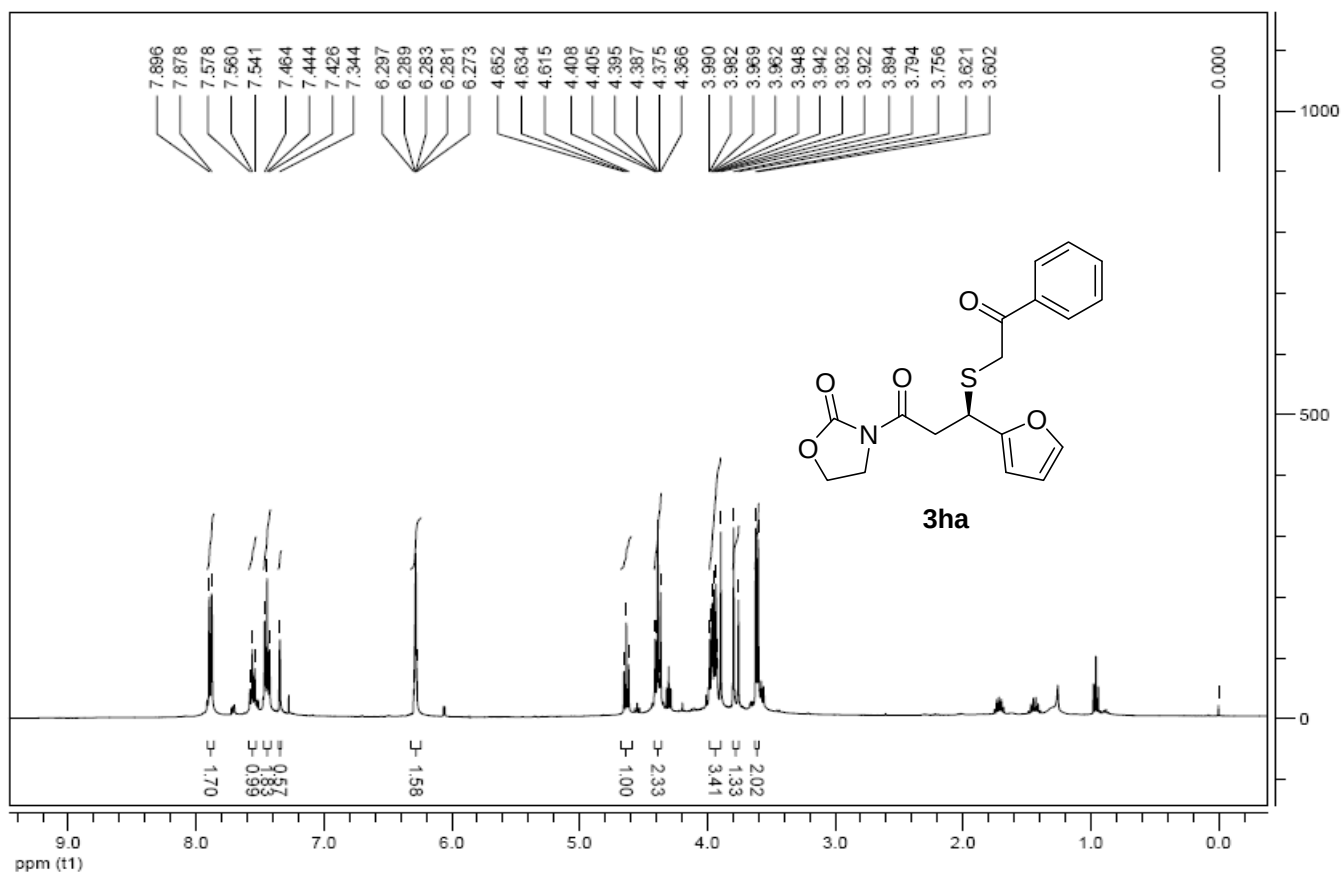


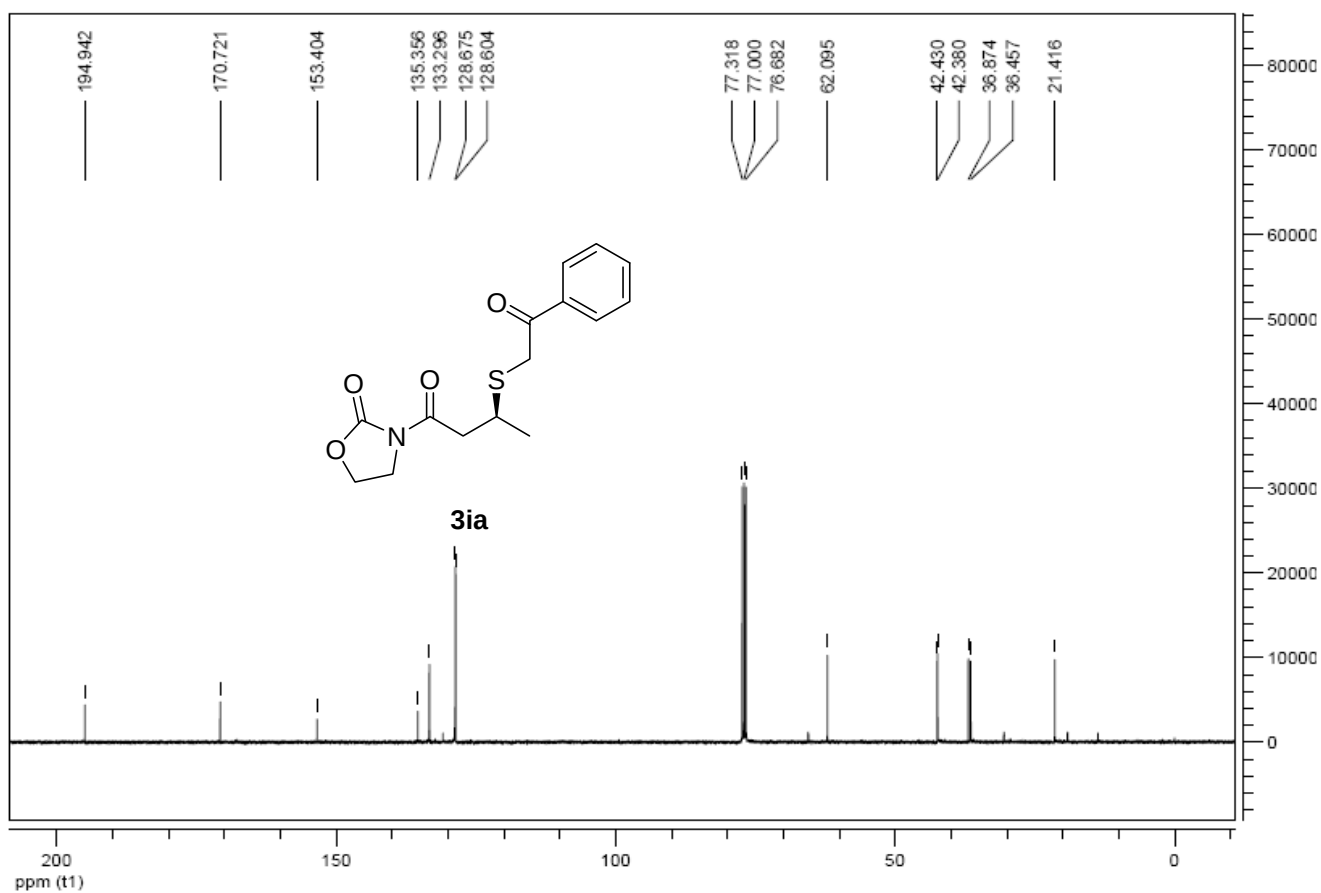
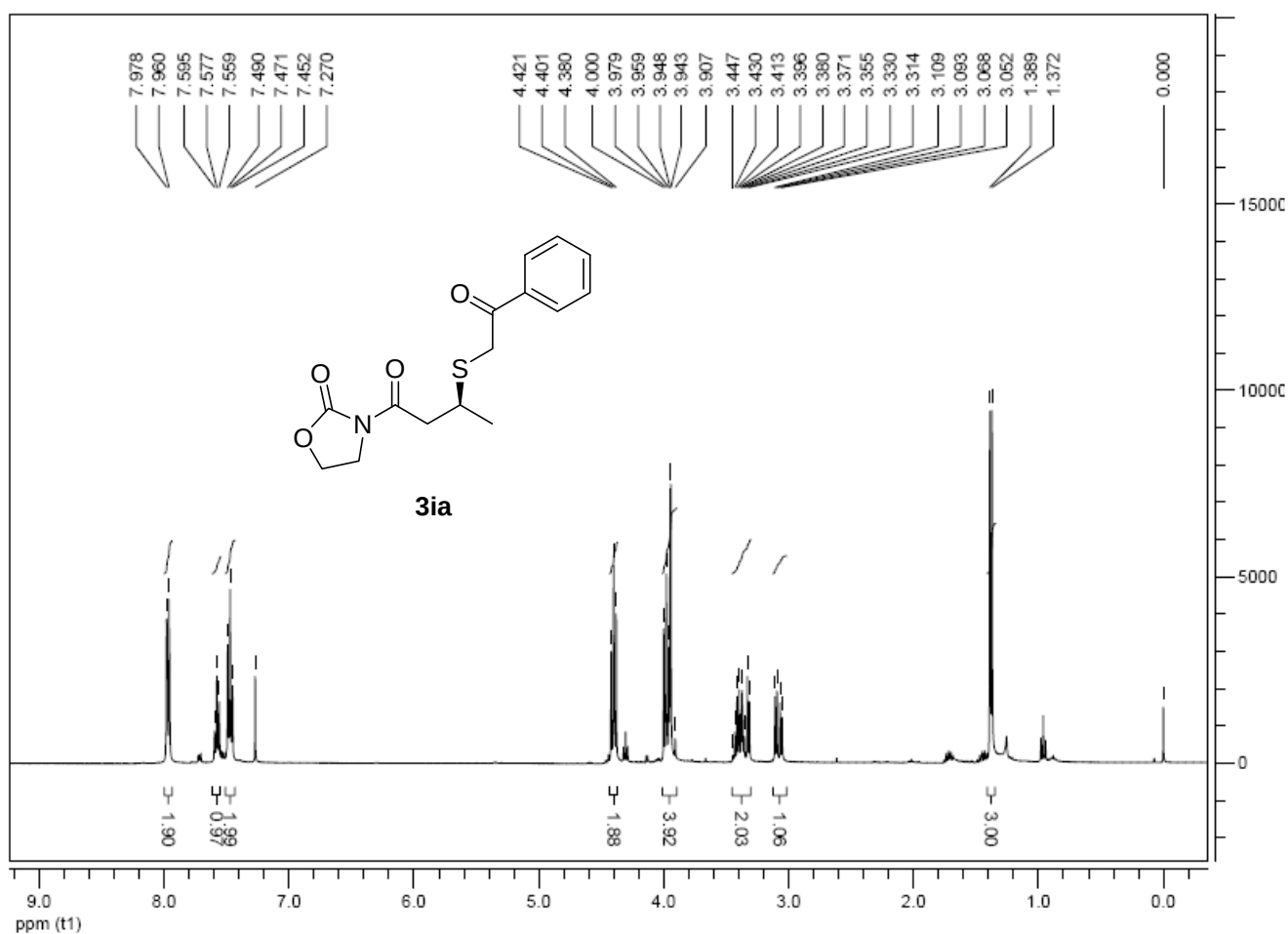


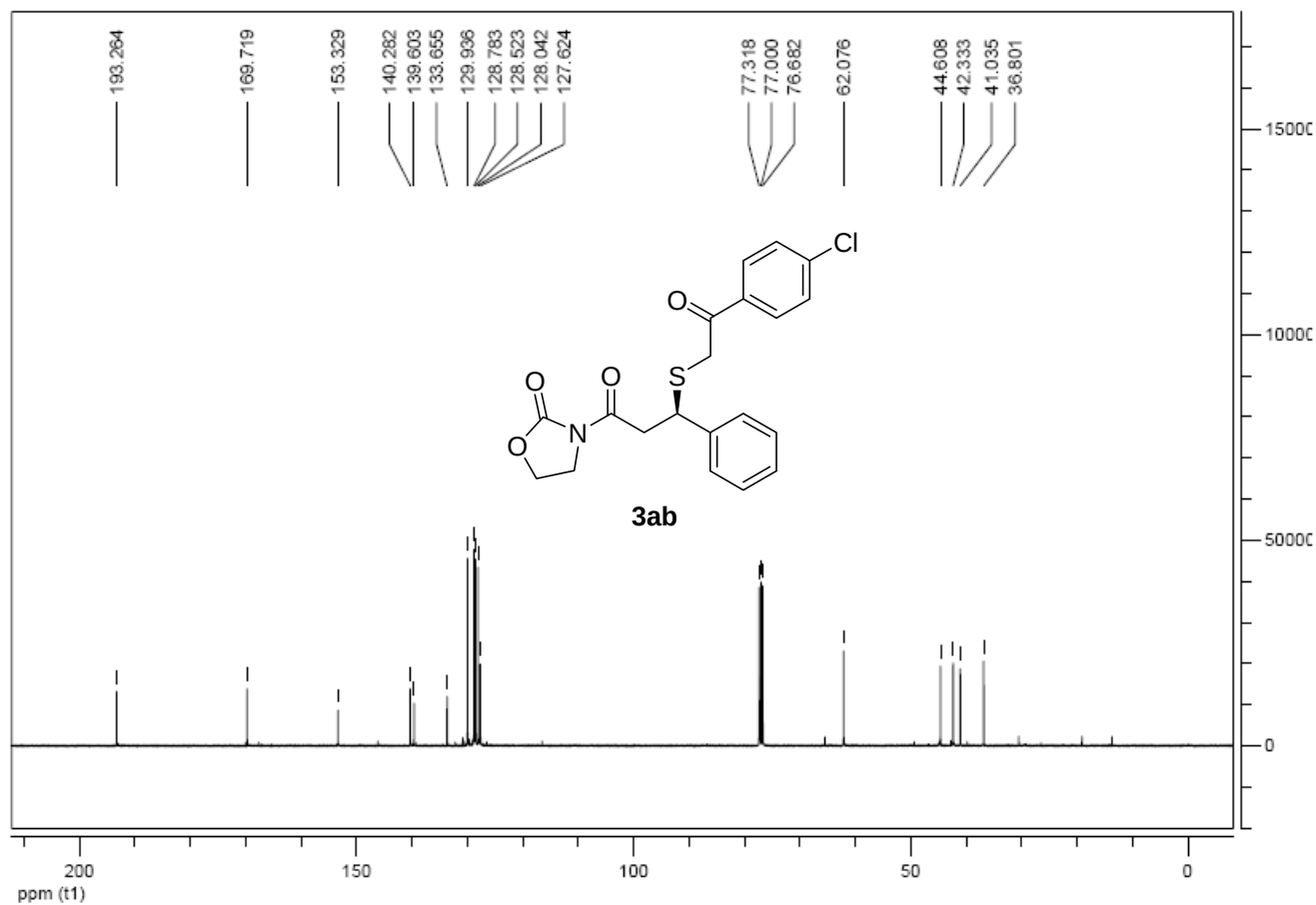
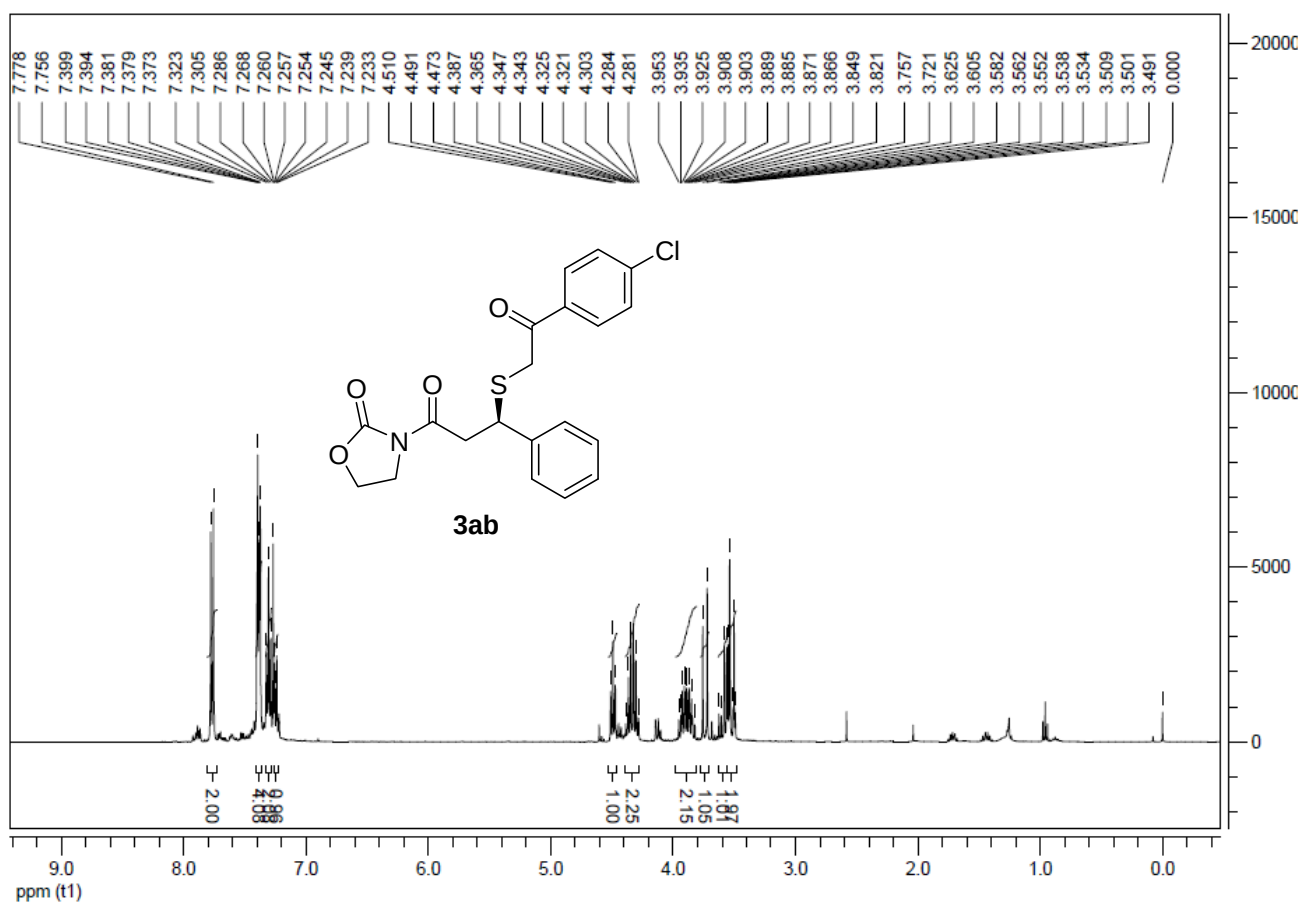


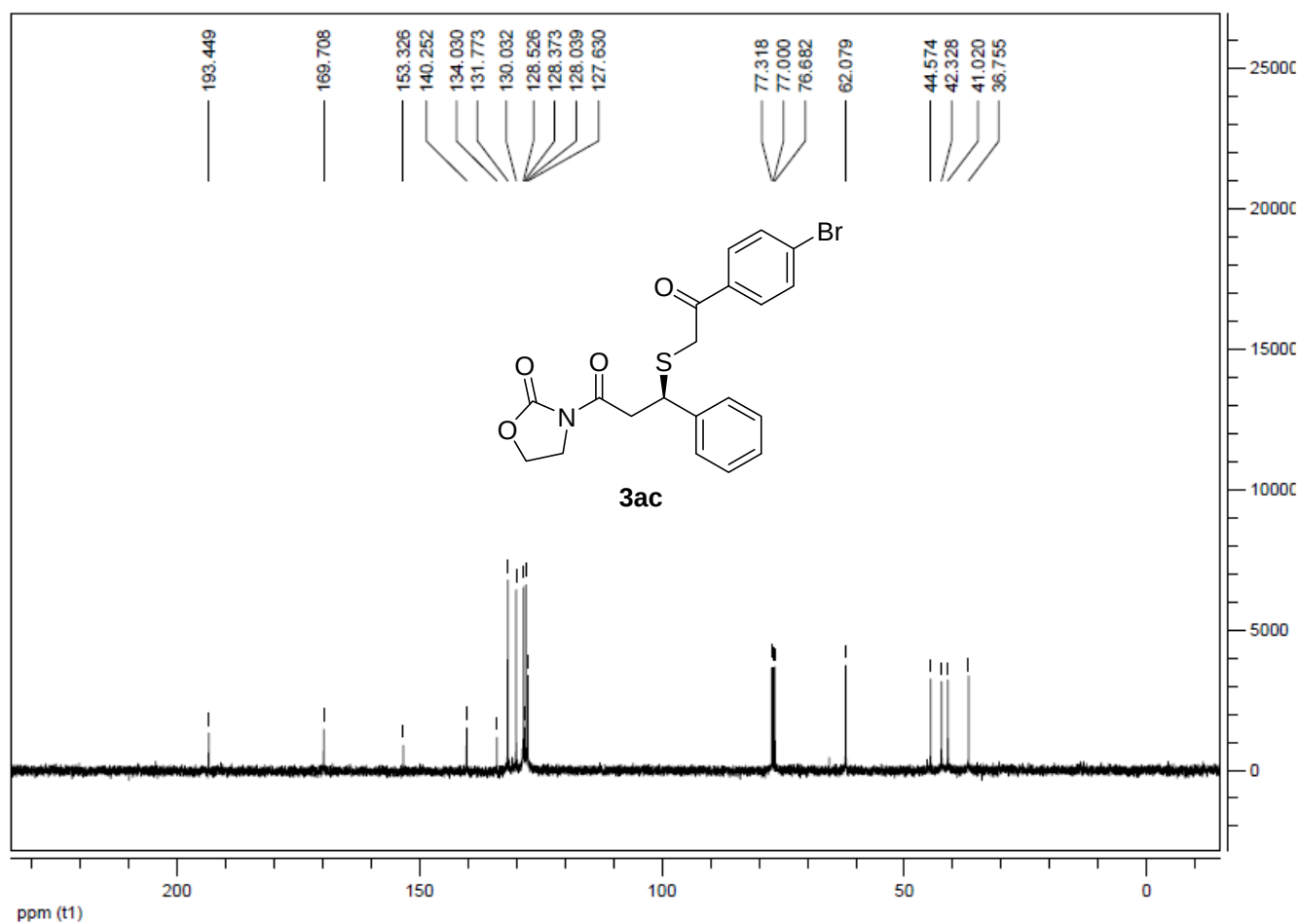
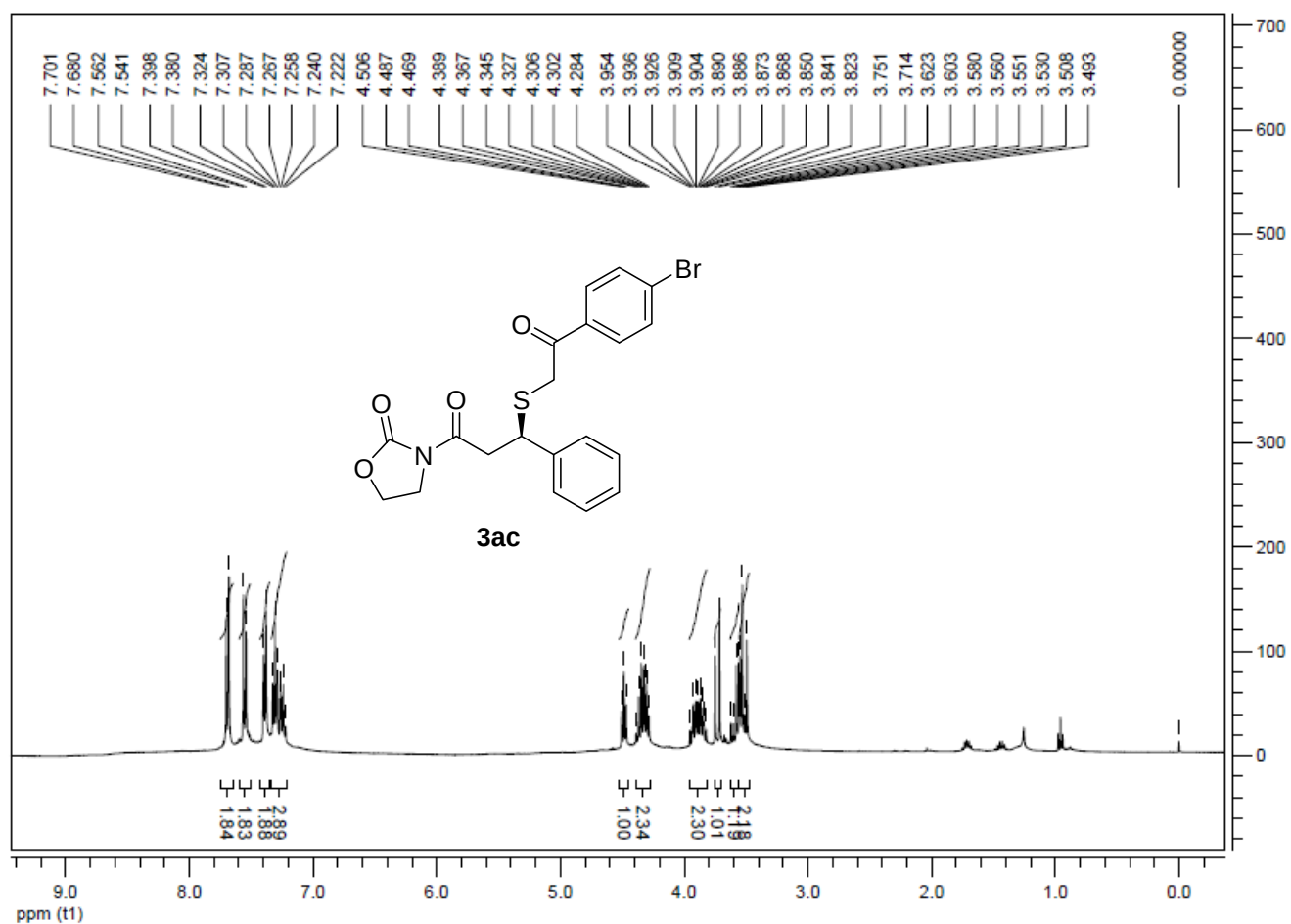


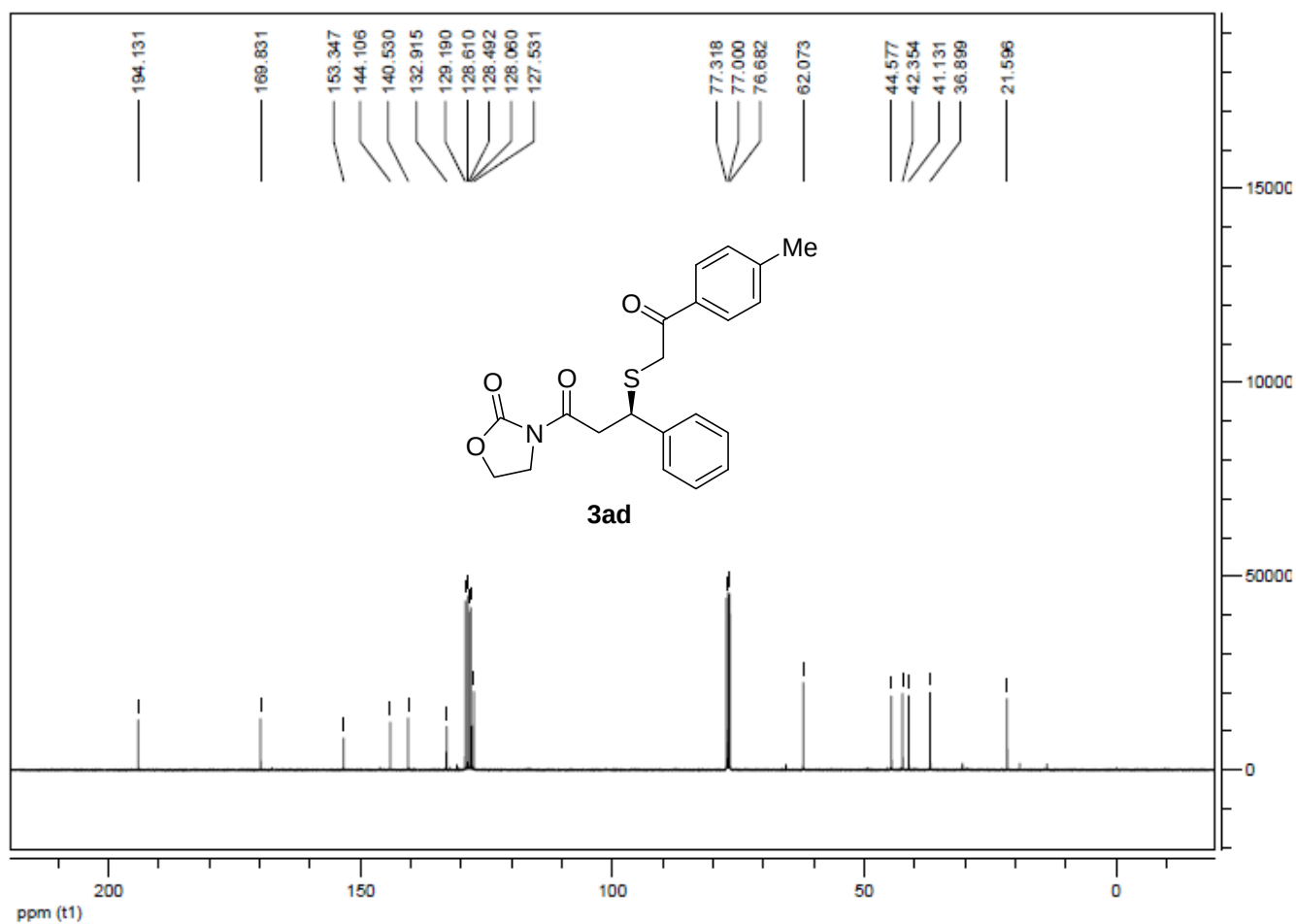
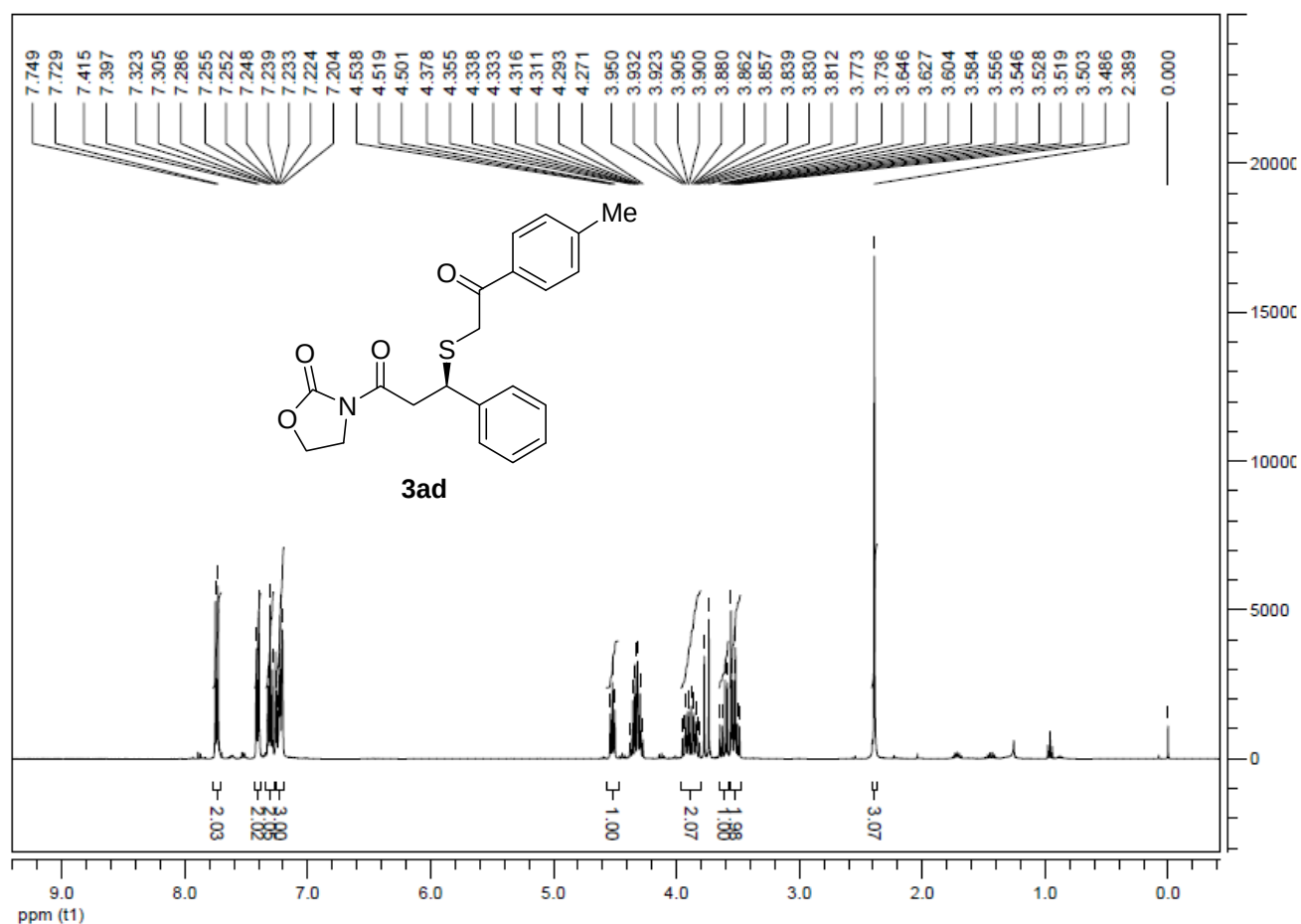


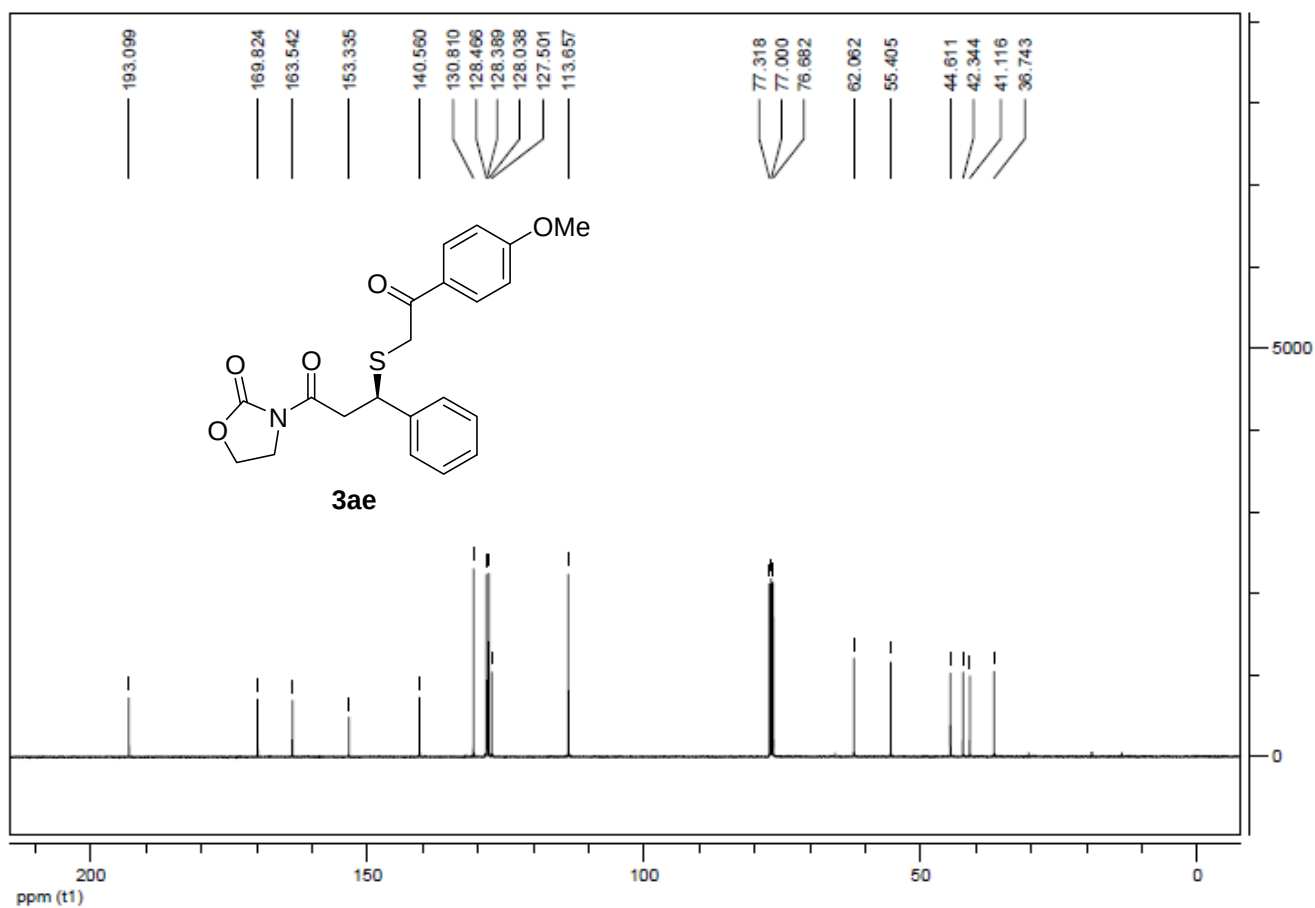
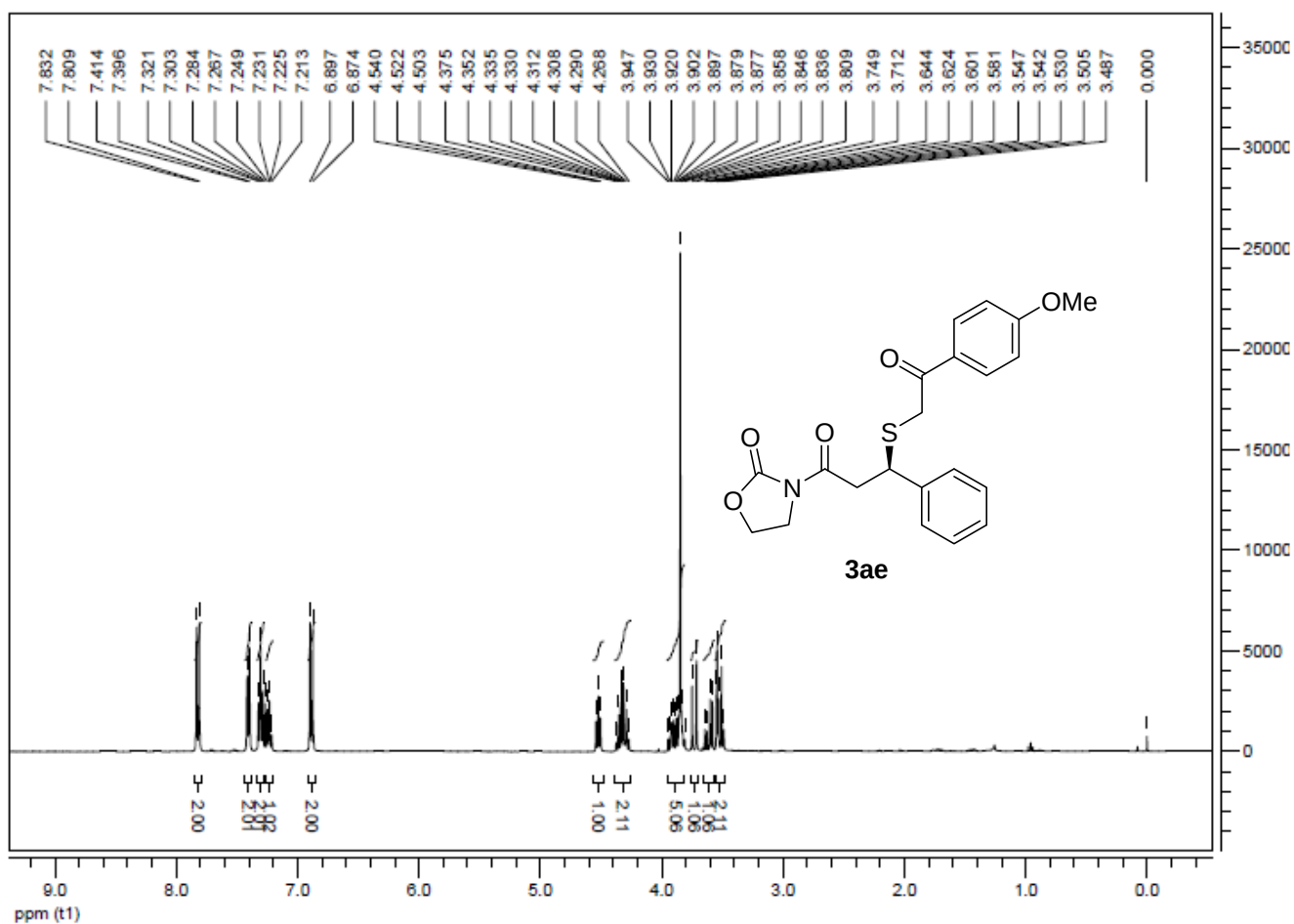


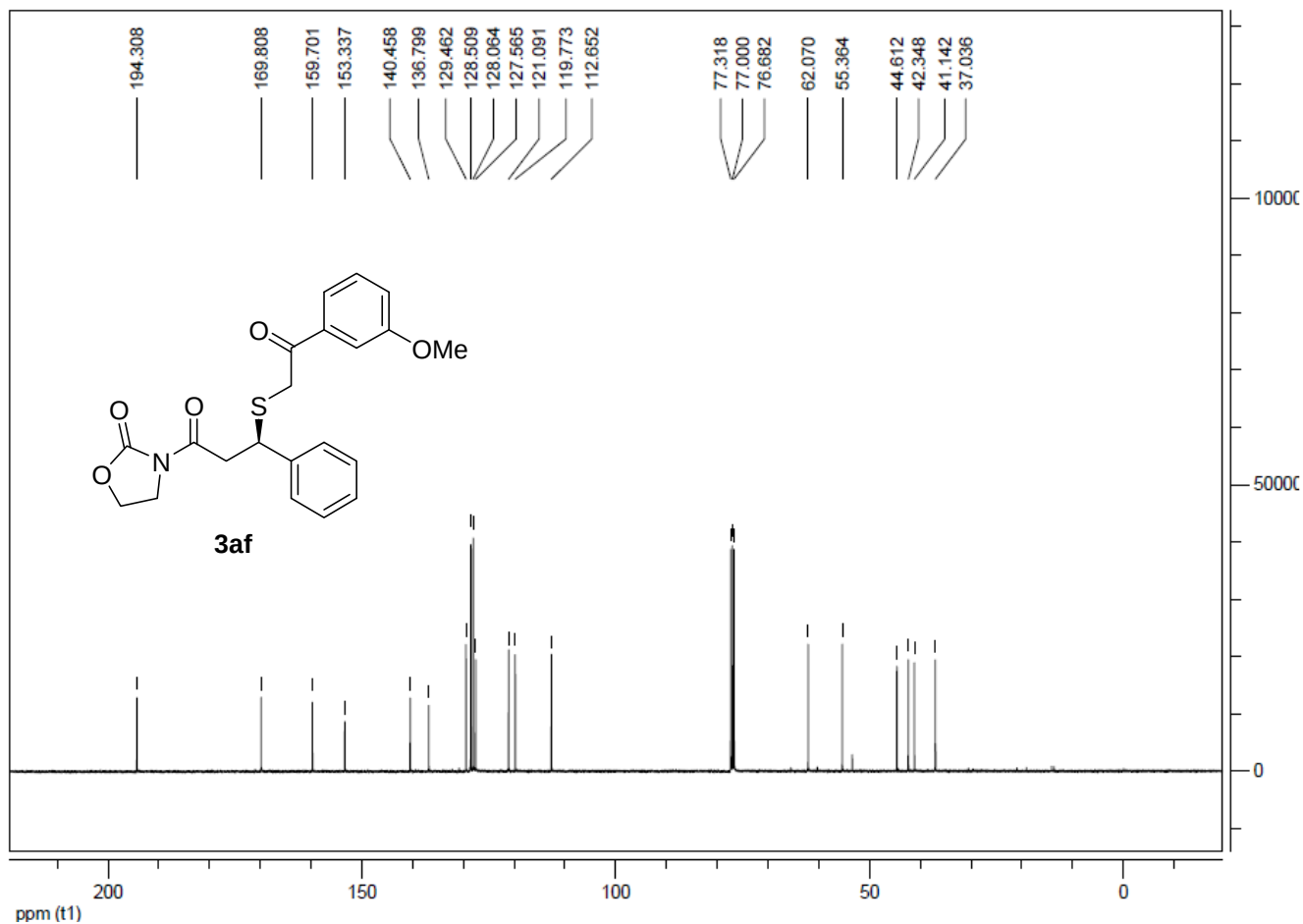
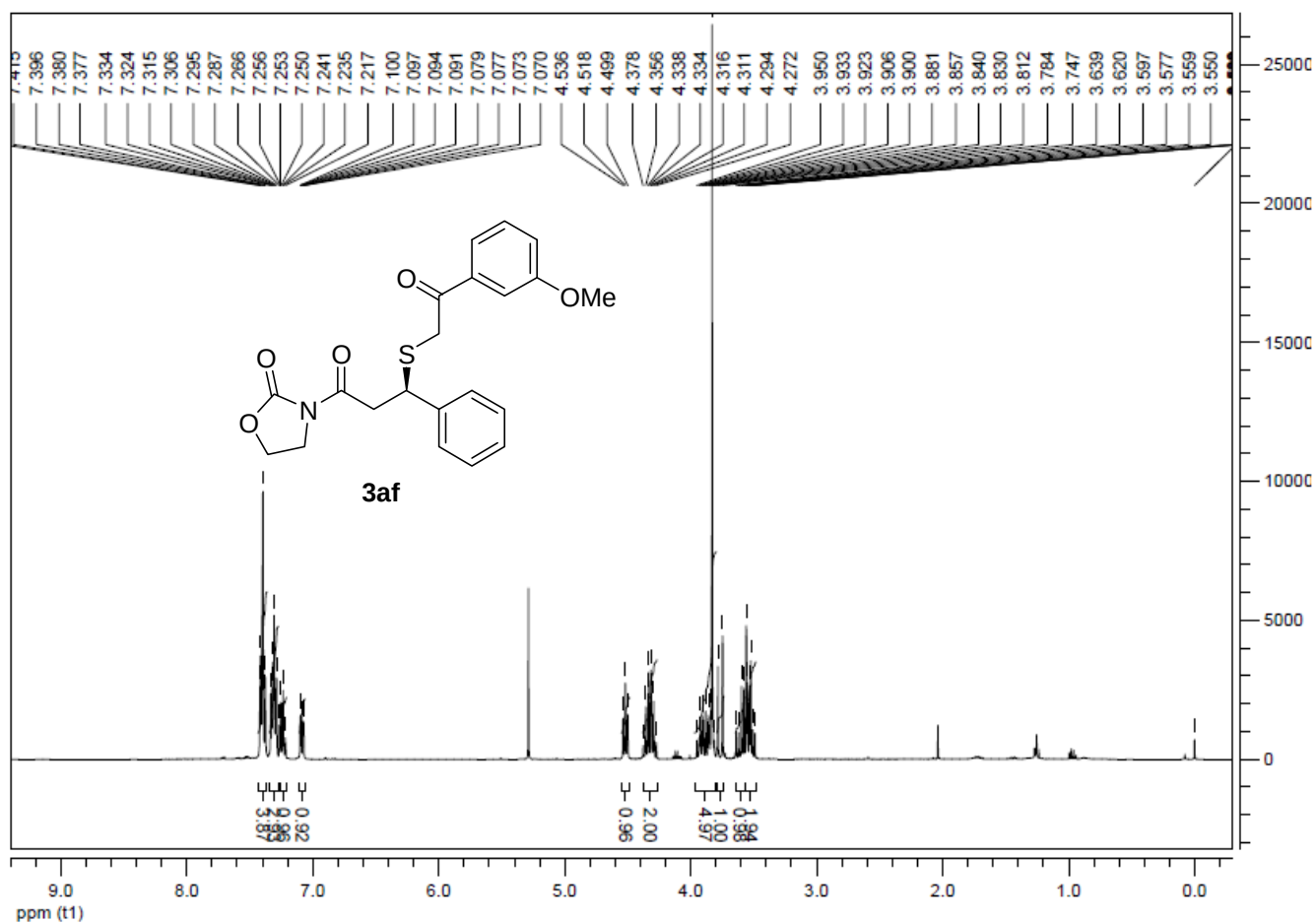


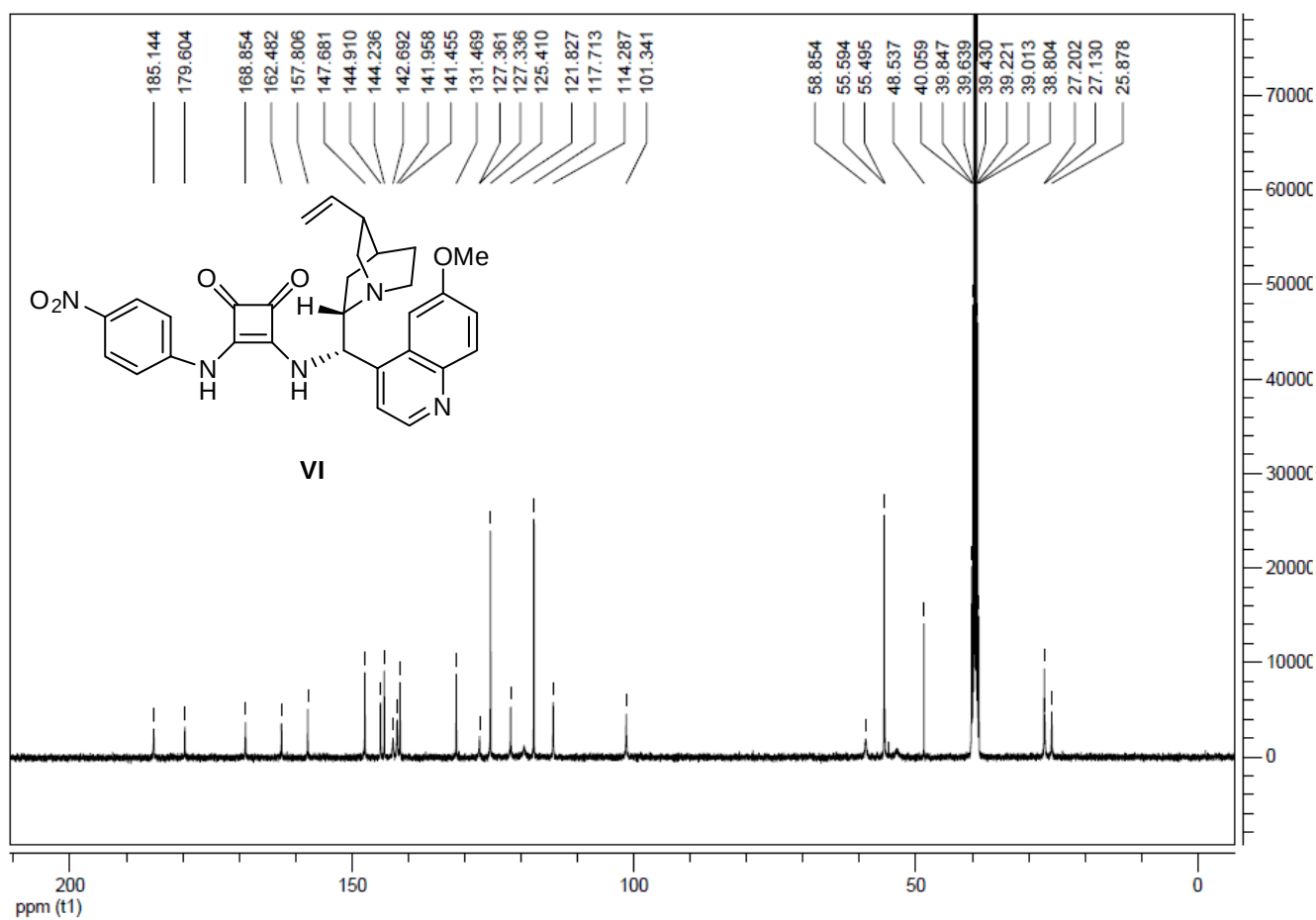
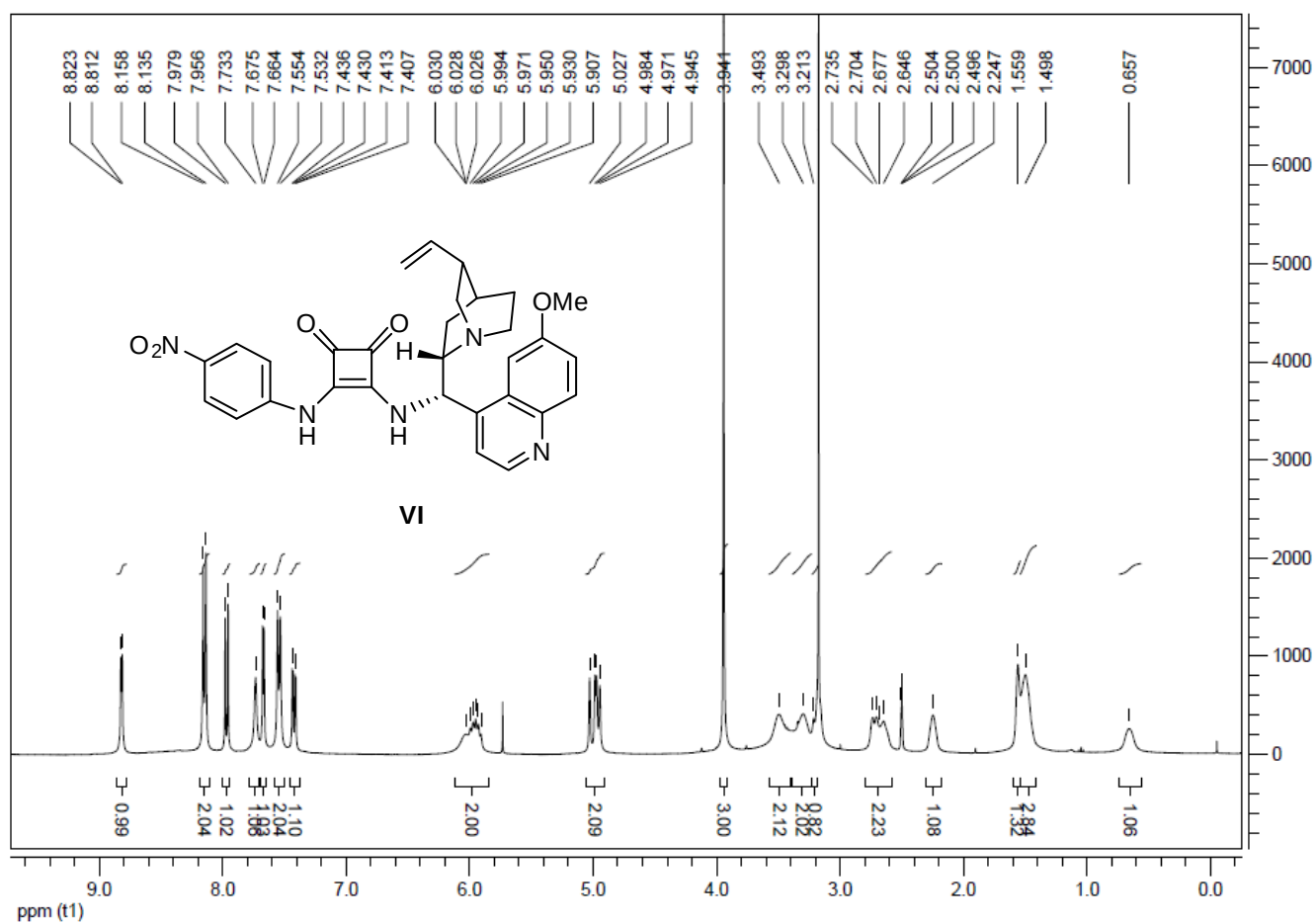




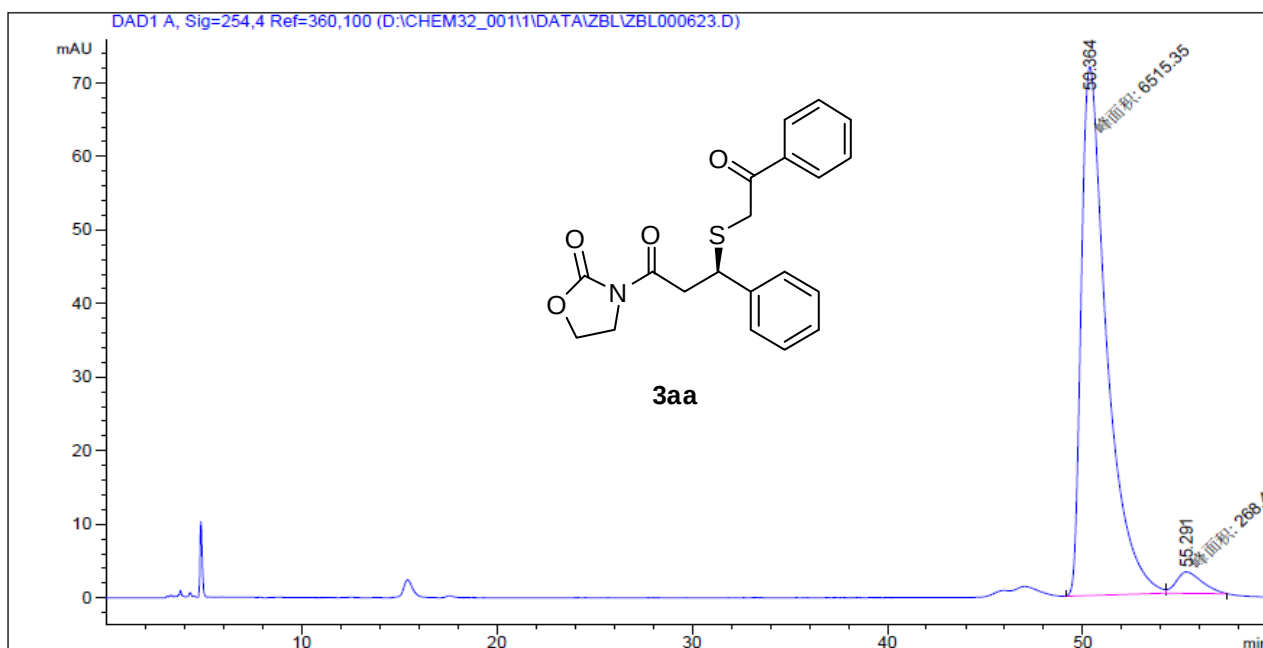
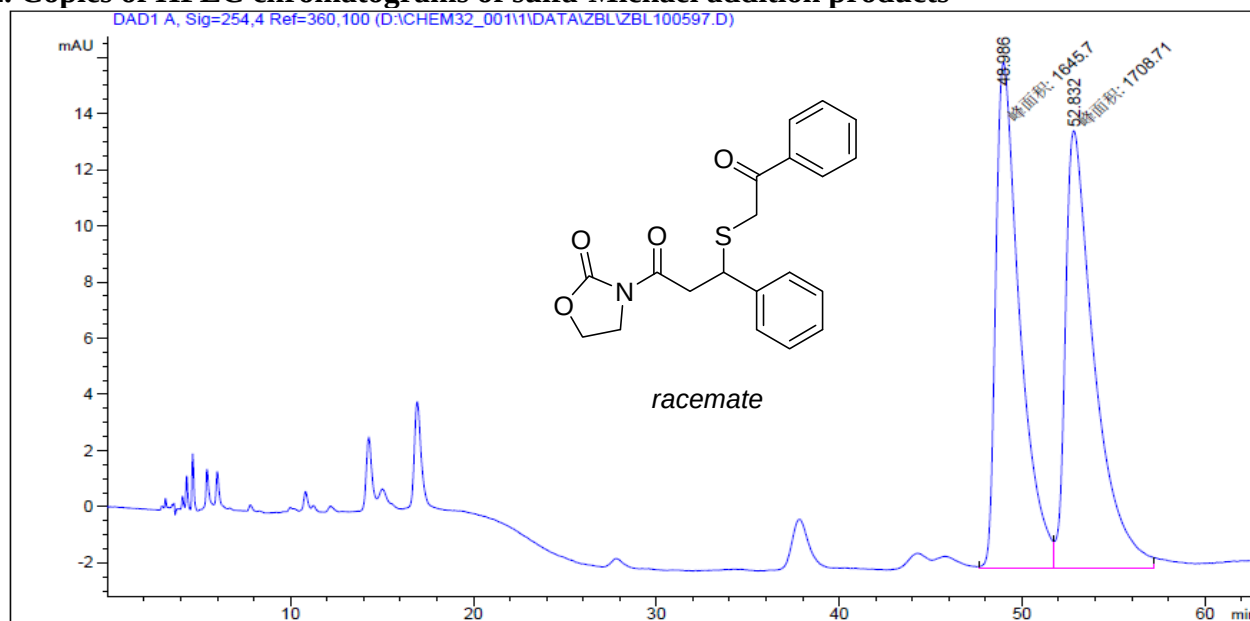


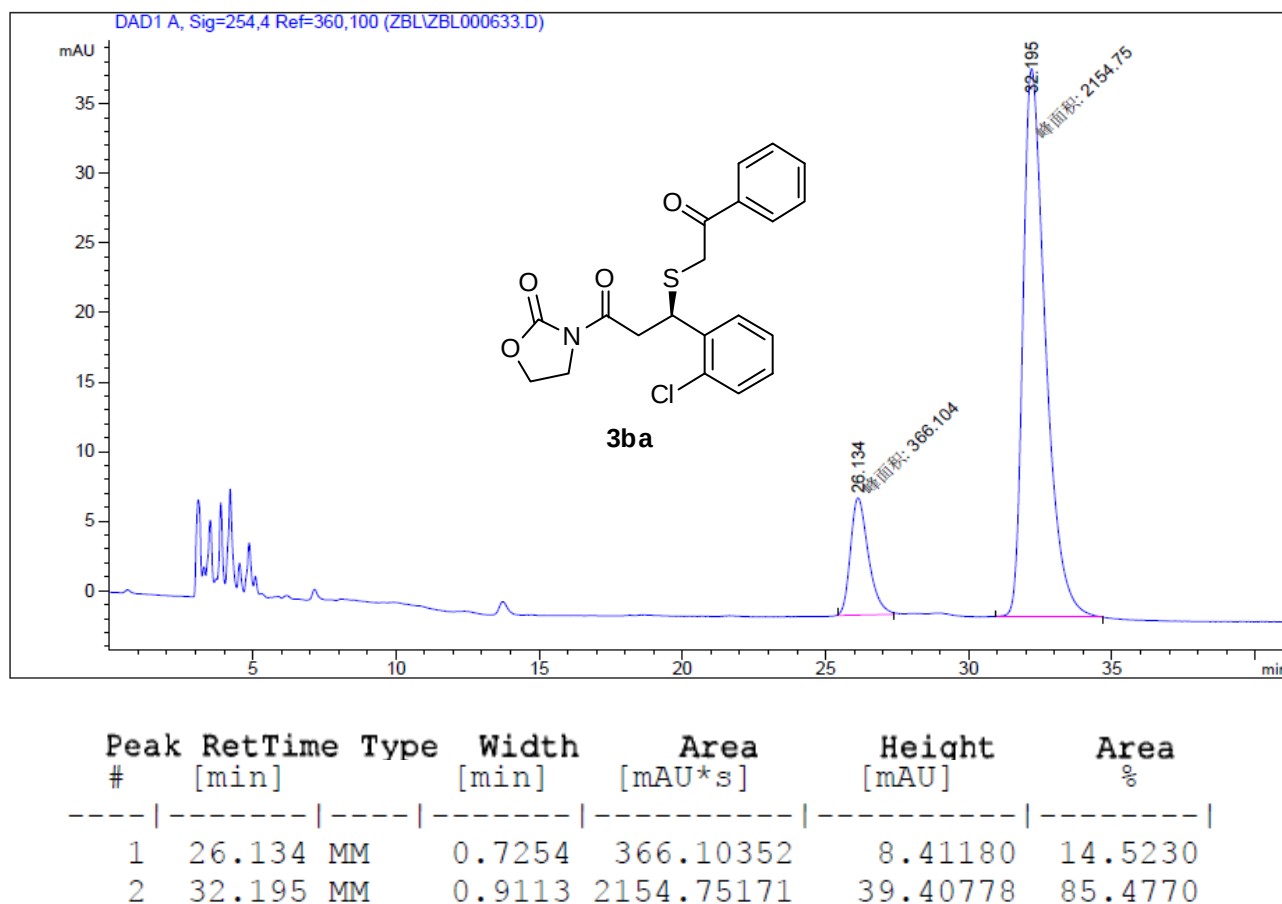
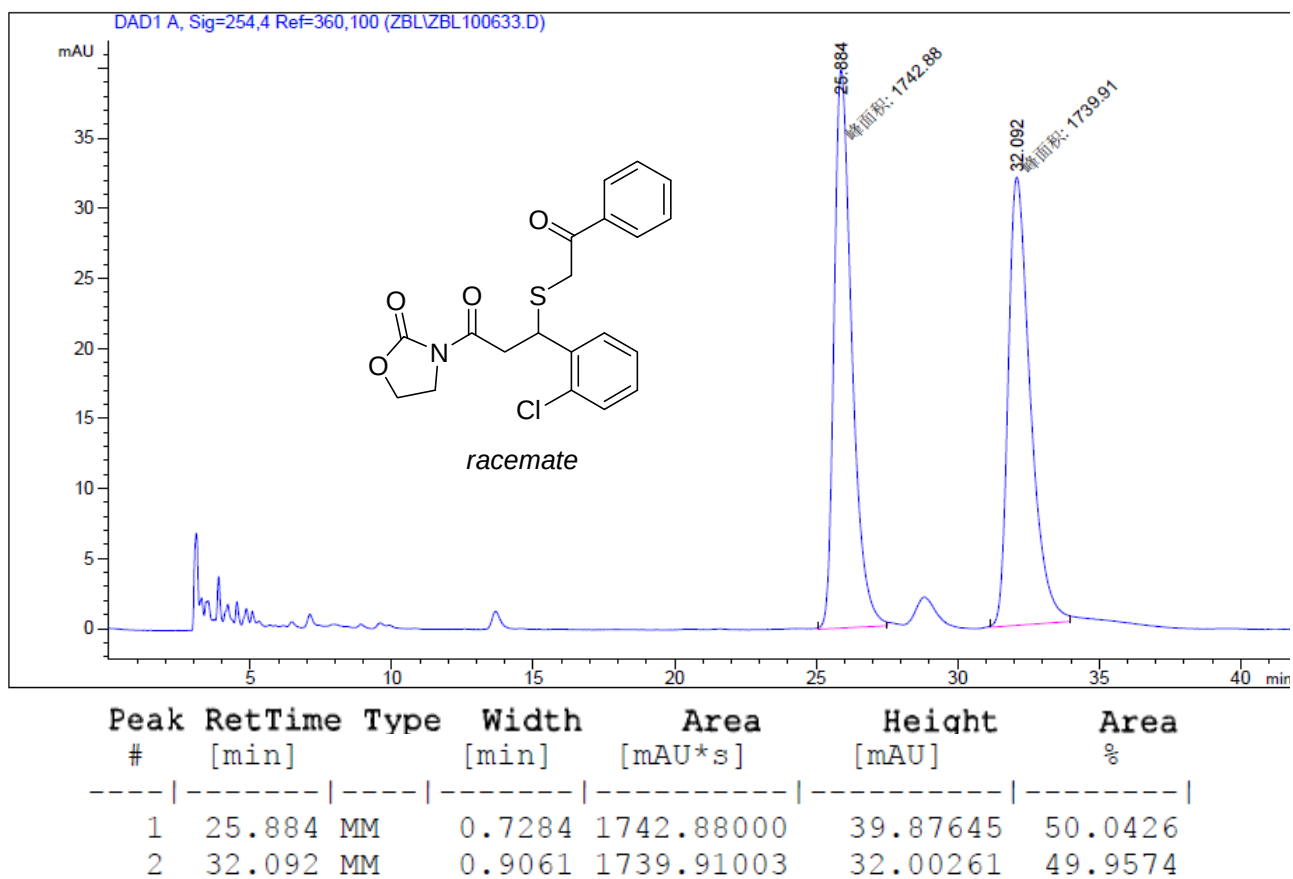


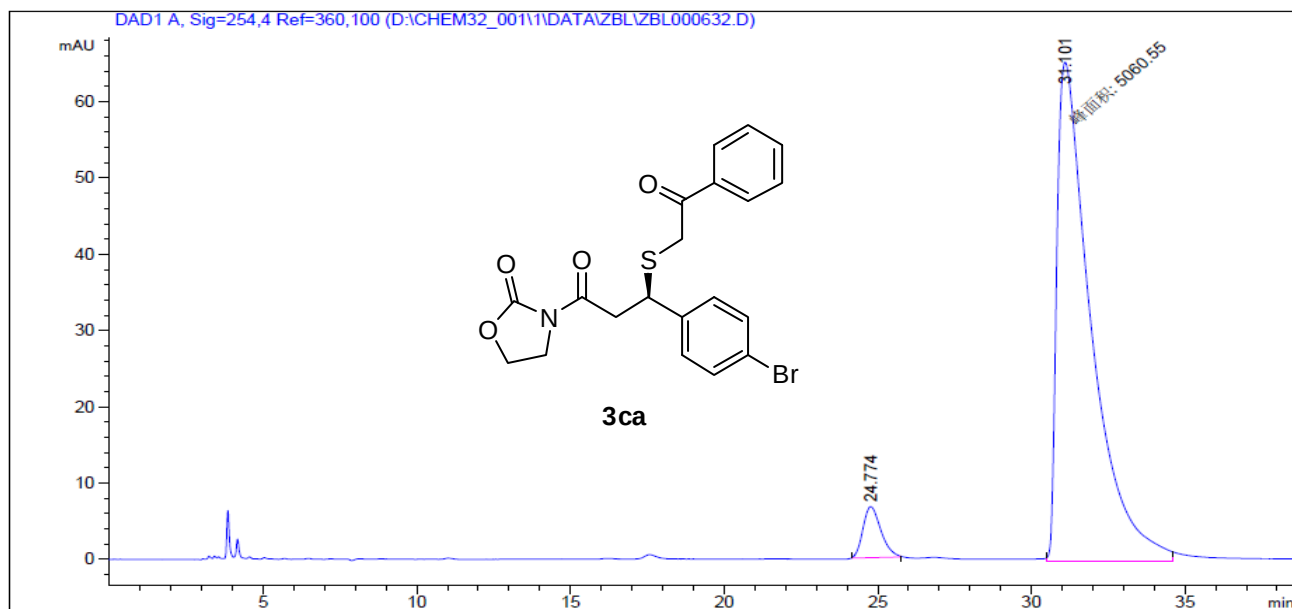
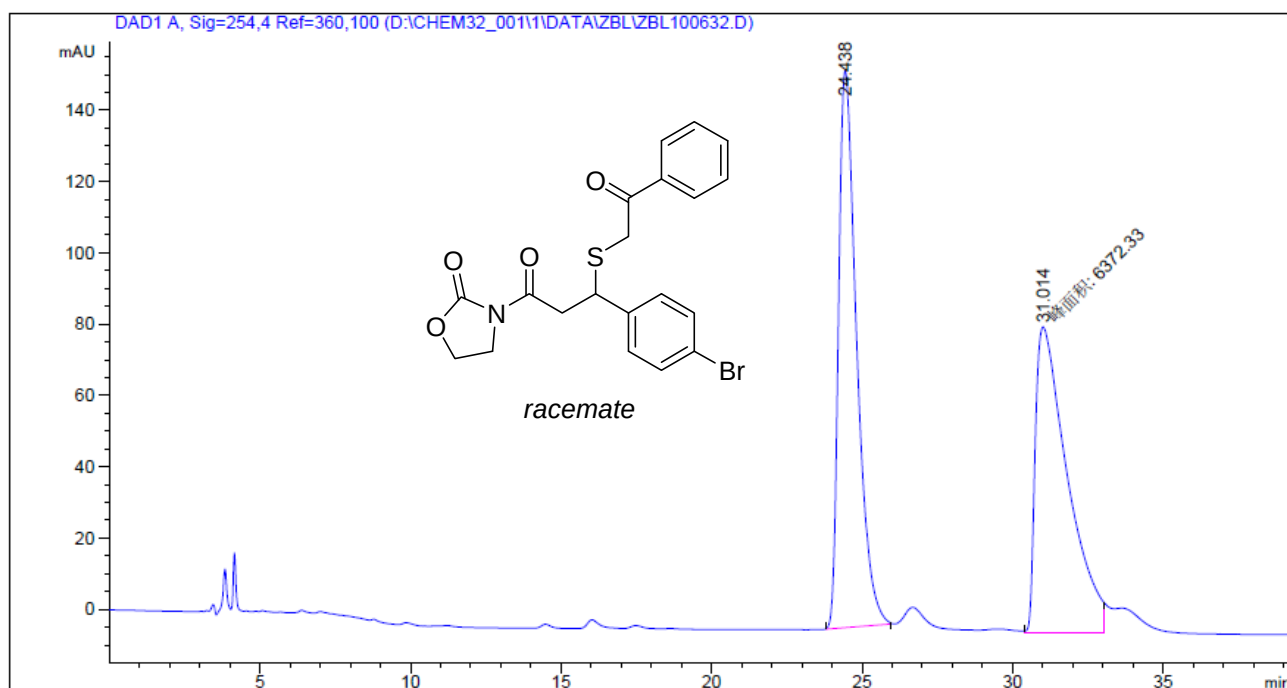


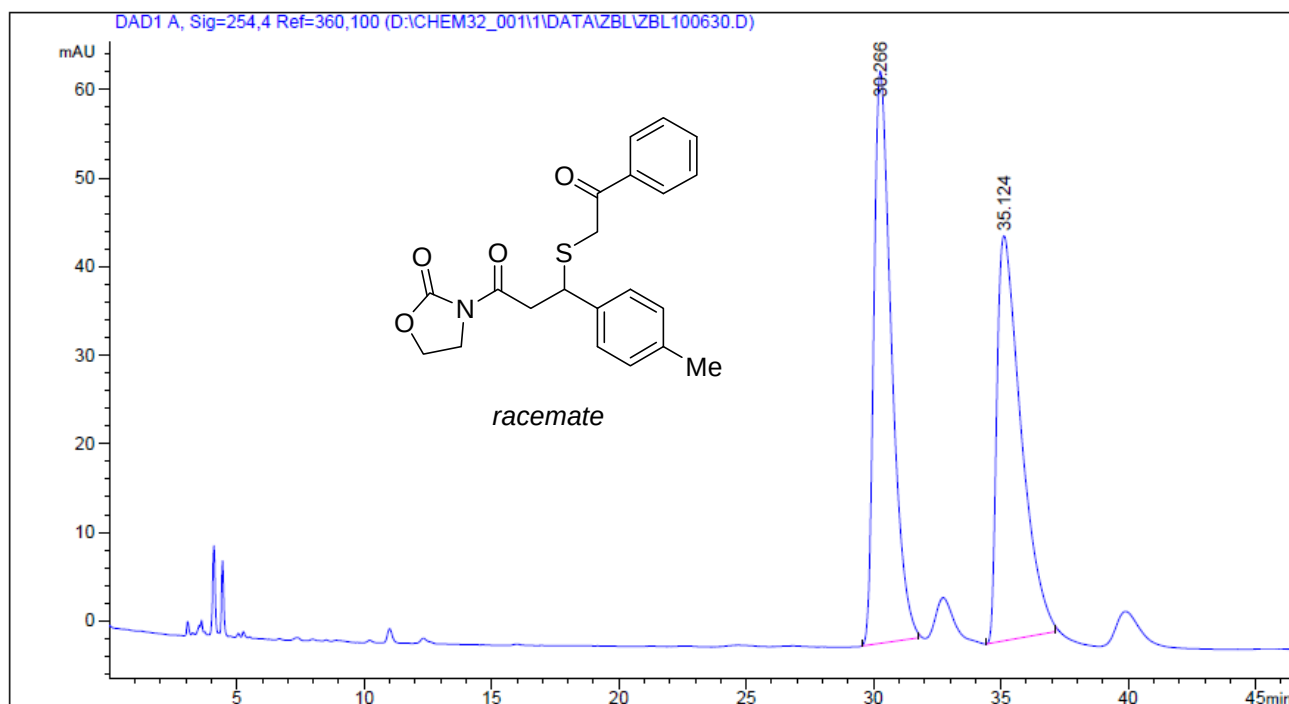


2. Copies of HPLC chromatograms of sulfa-Michael addition products

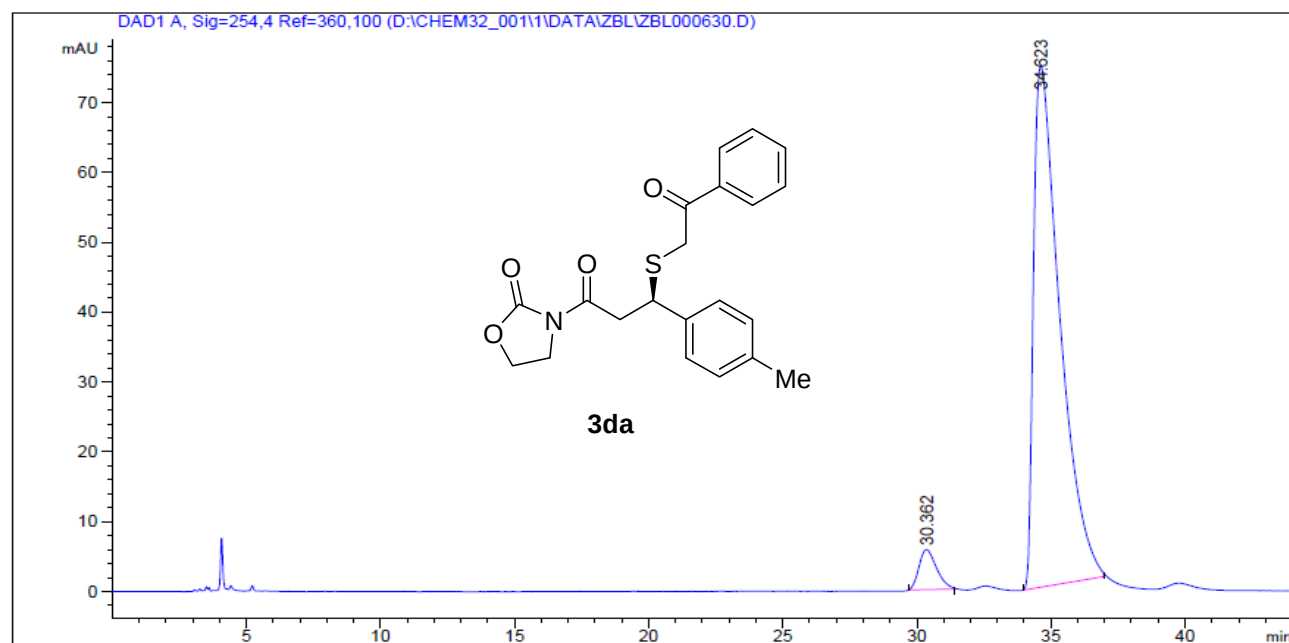




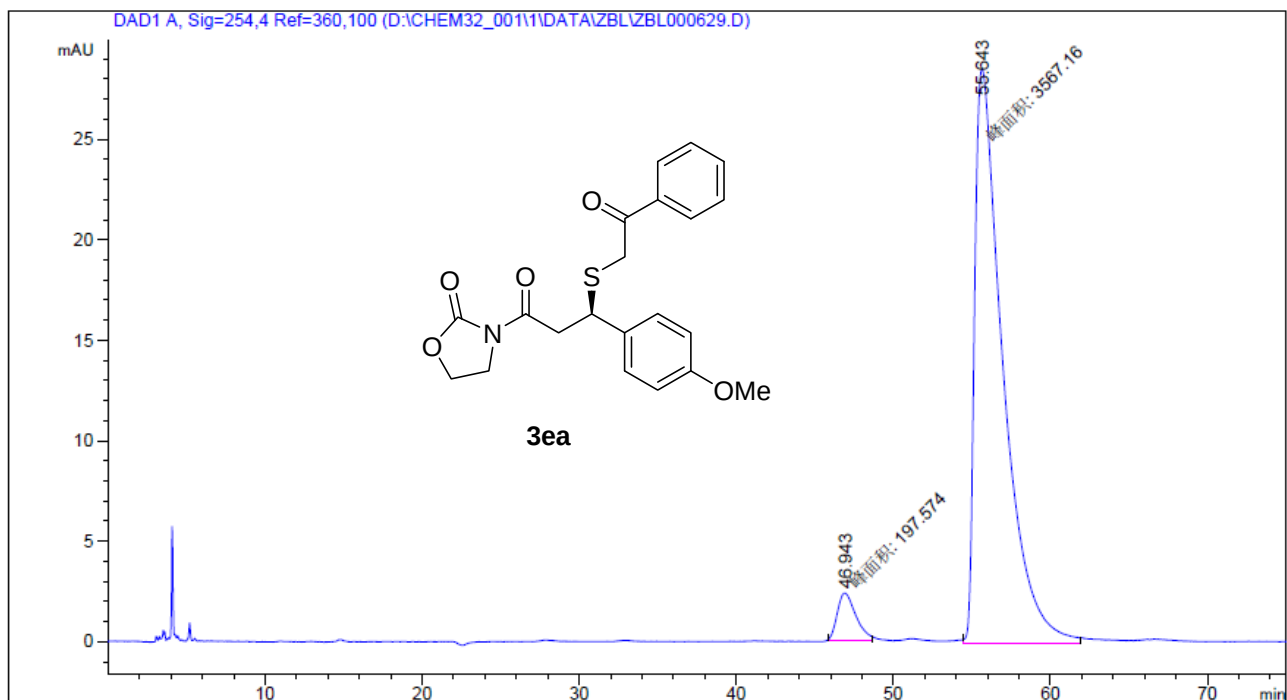
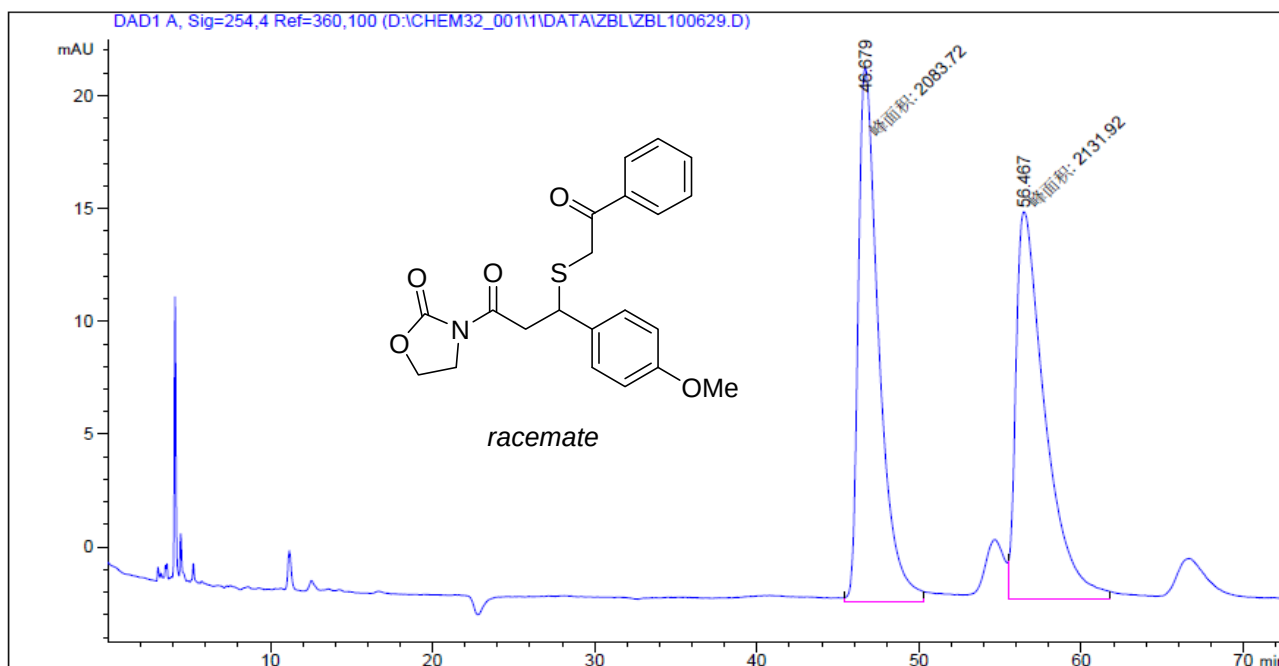


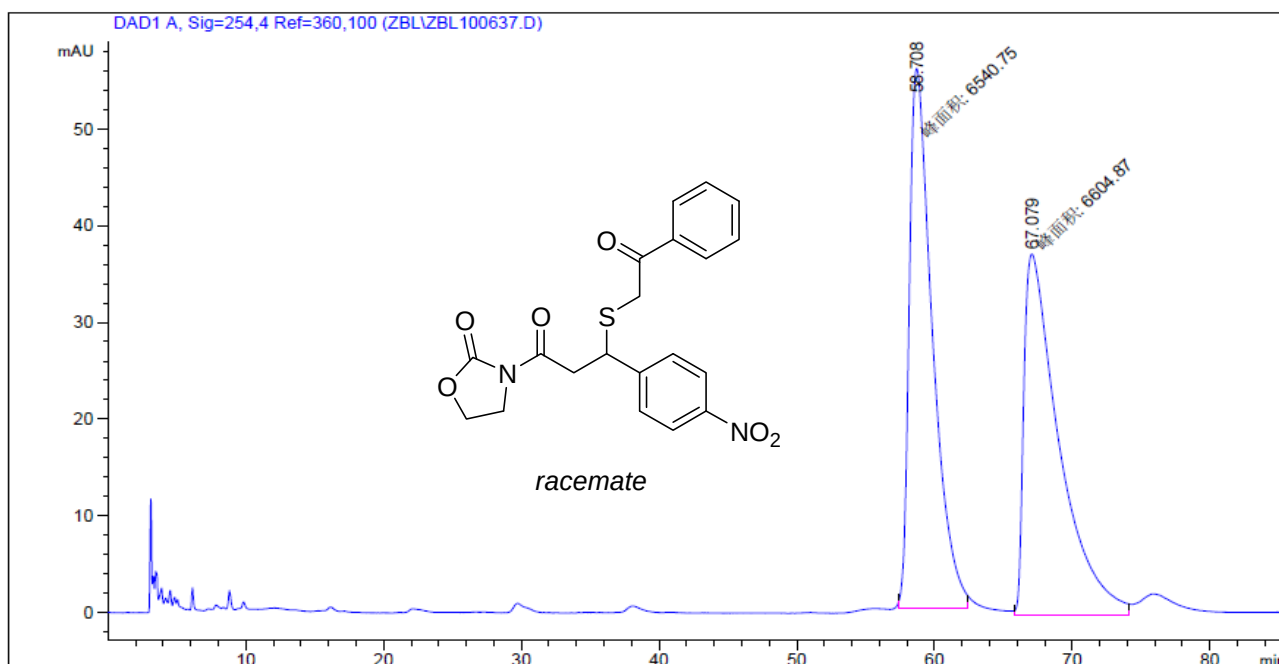


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2	35.124	BB	0.9739	3001.99854	45.73005	49.0969

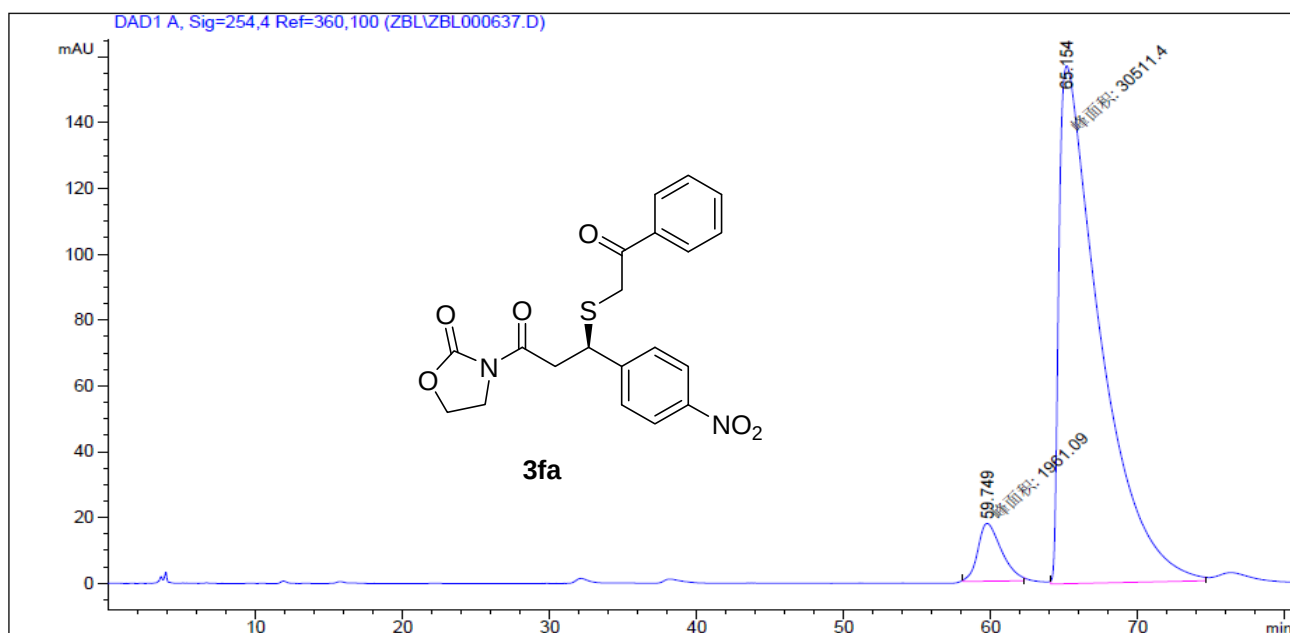


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1	30.362	BB	0.6497	259.93155	5.72551	4.8528
2	34.623	BB	1.0131	5096.41846	74.59274	95.1472

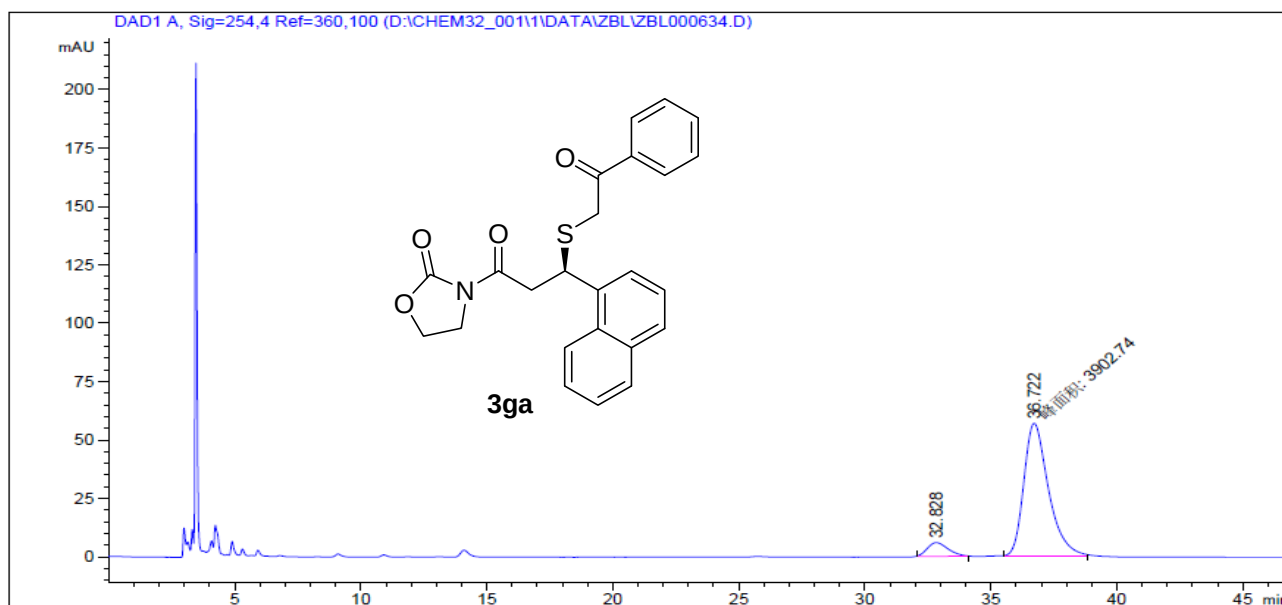
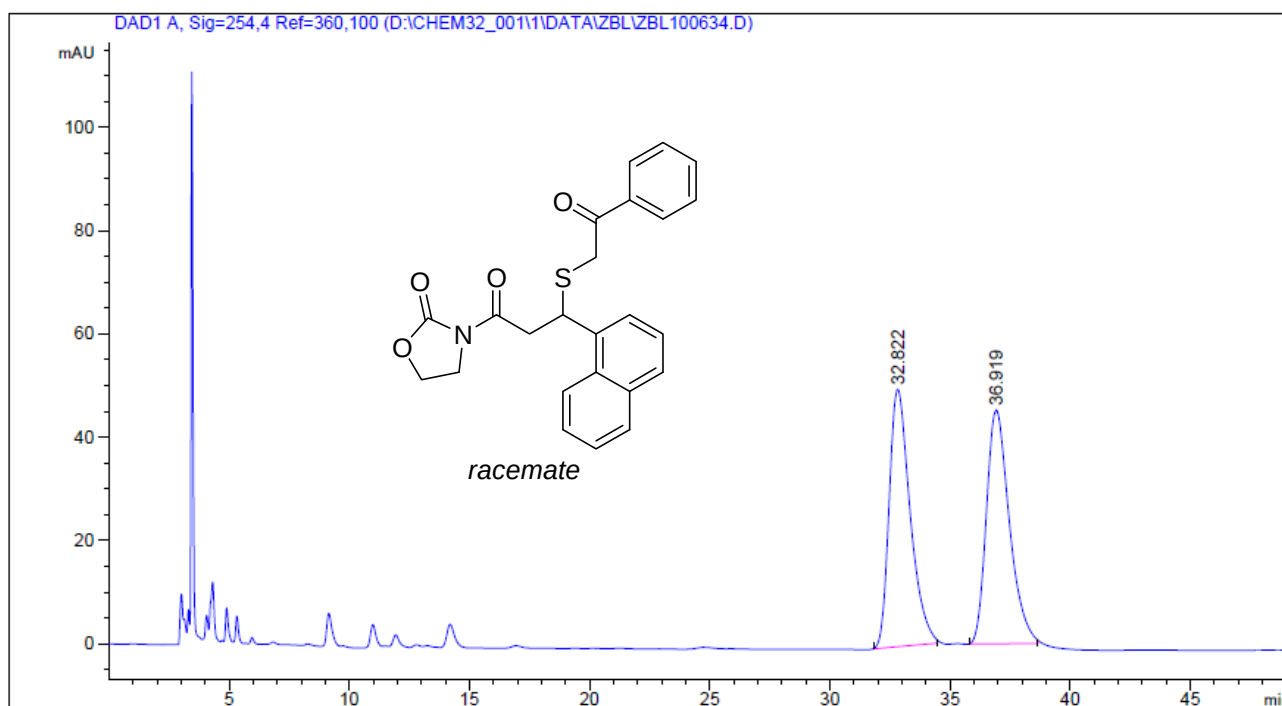


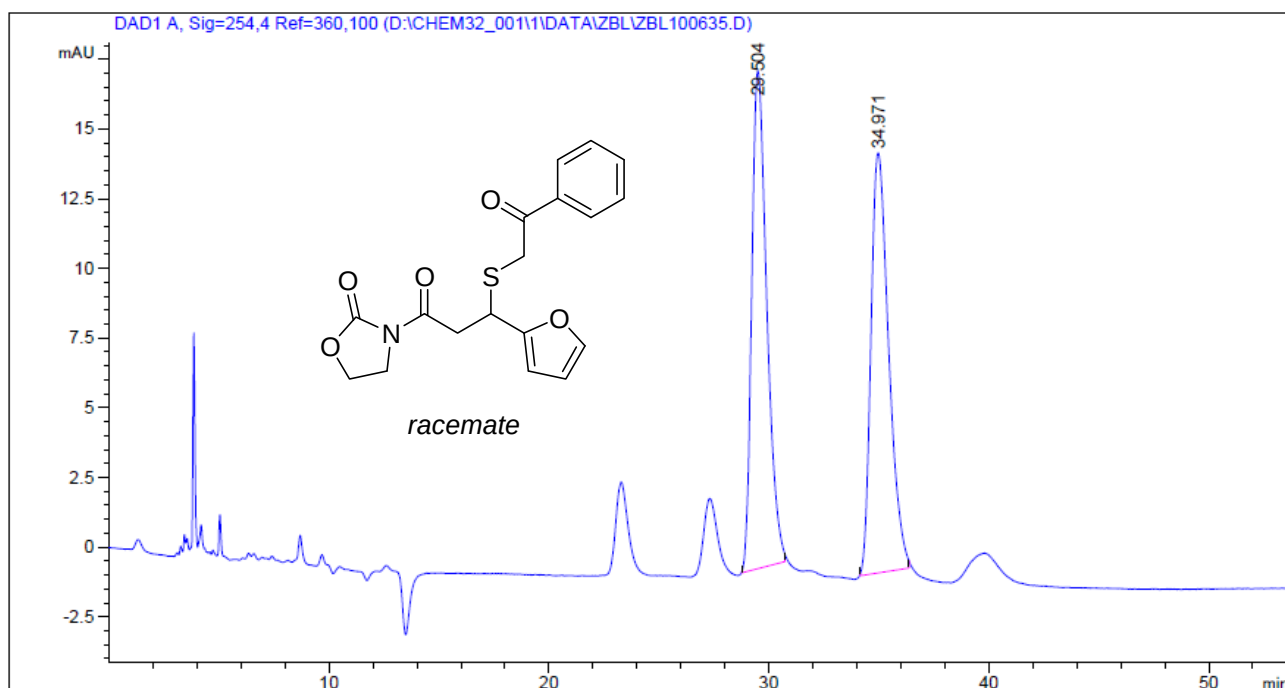


Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	58.708	MM	1.9514	6540.75146	55.86385	49.7561
2	67.079	MM	2.9471	6604.86572	37.35222	50.2439

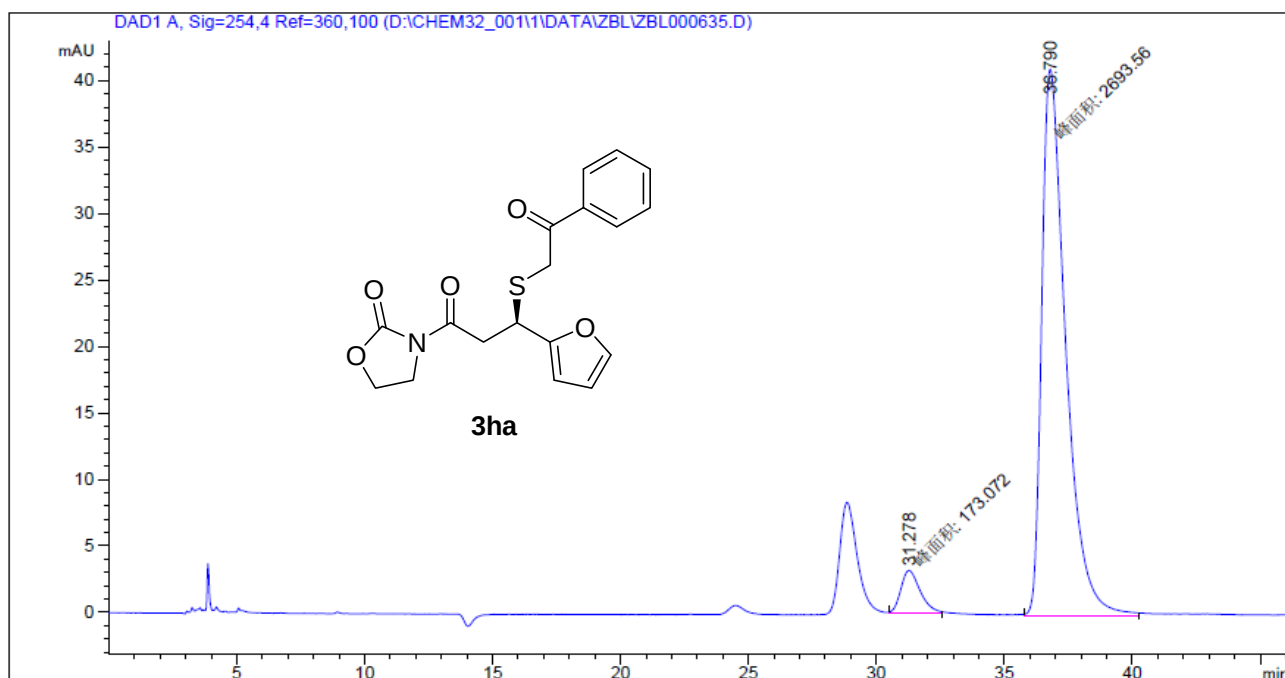


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2	65.154	MM	3.2304	3.05114e4	157.41600	93.9608

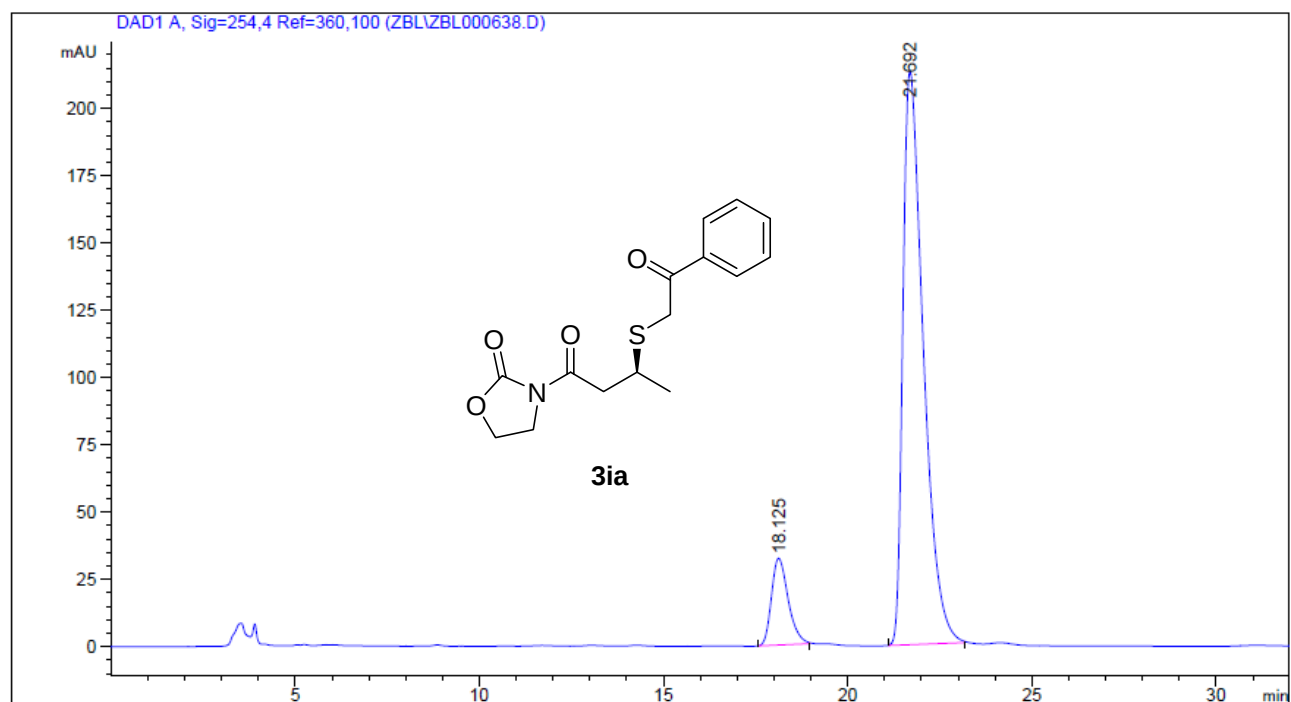
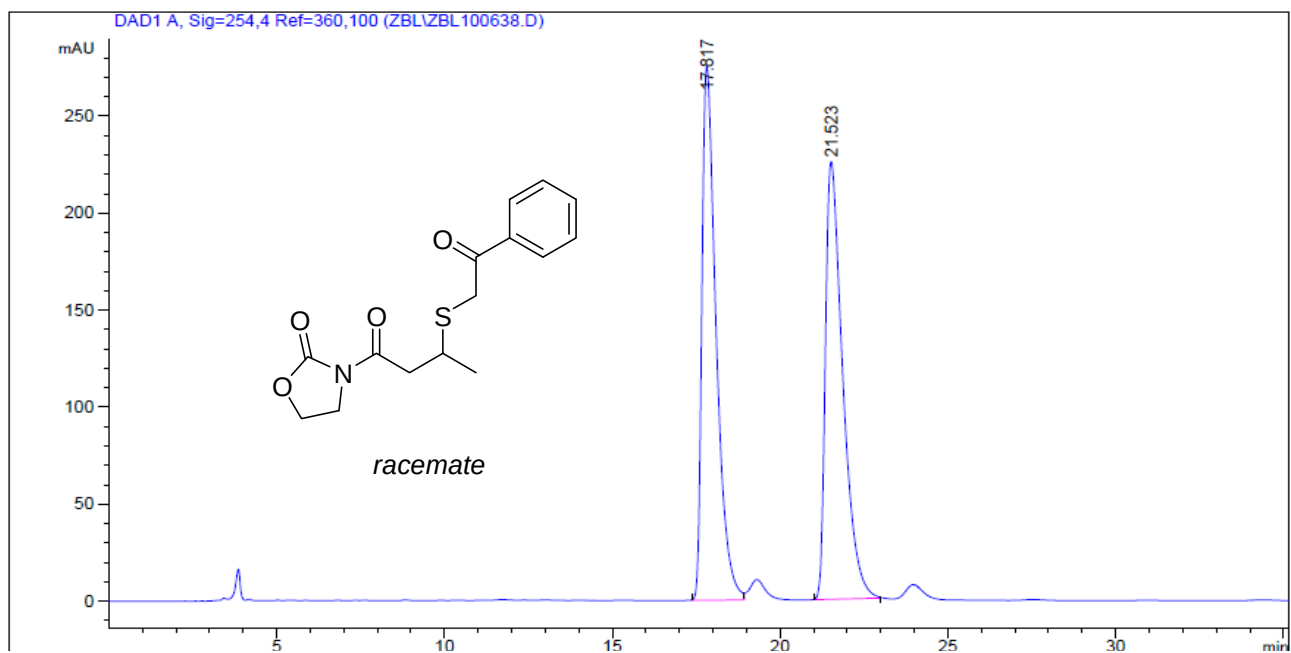


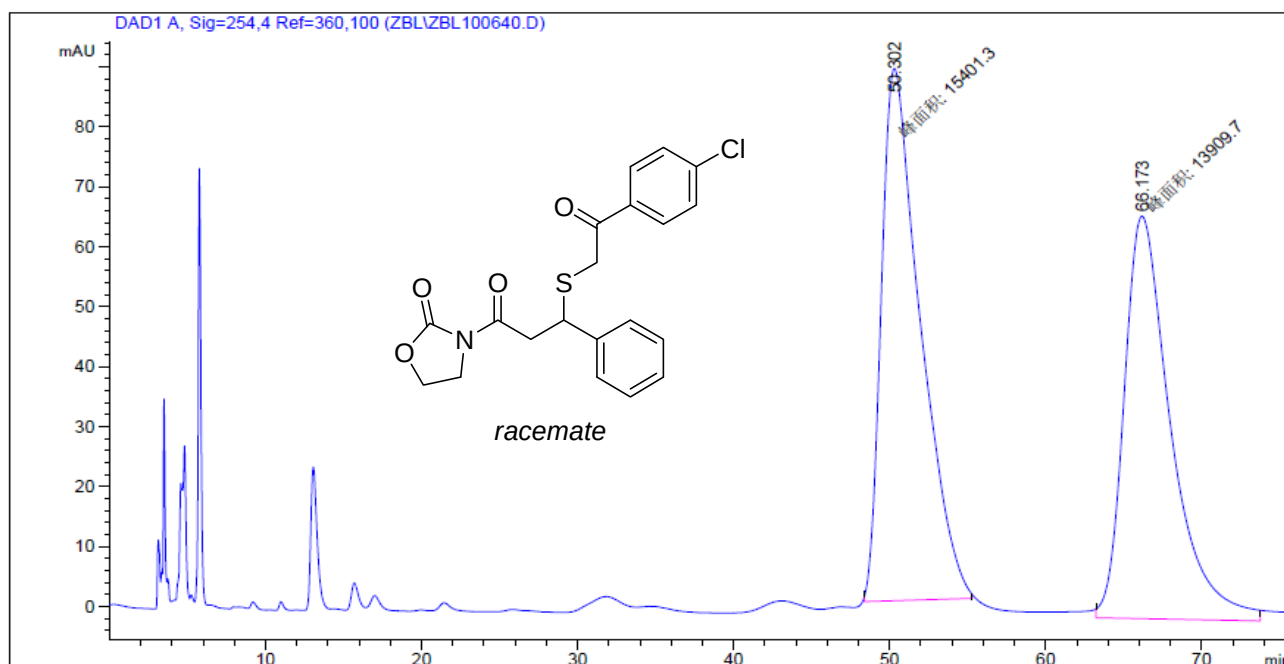


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2	34.971	BB	0.8173	840.96069	15.06478	49.7897

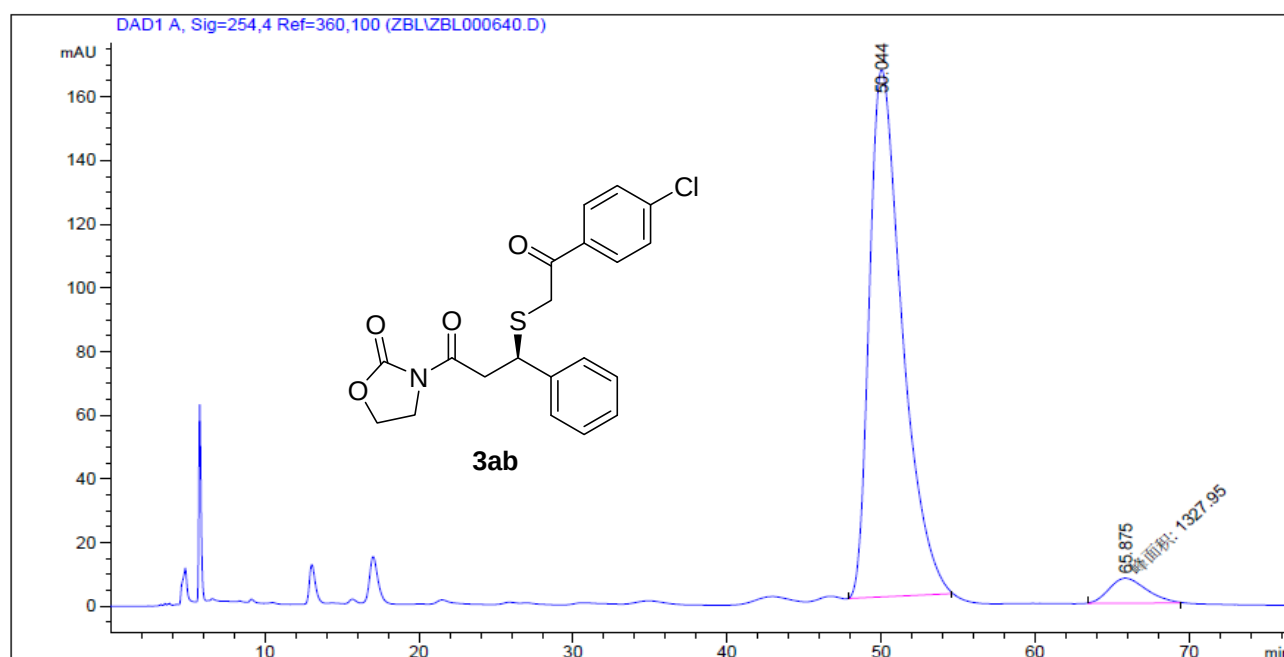


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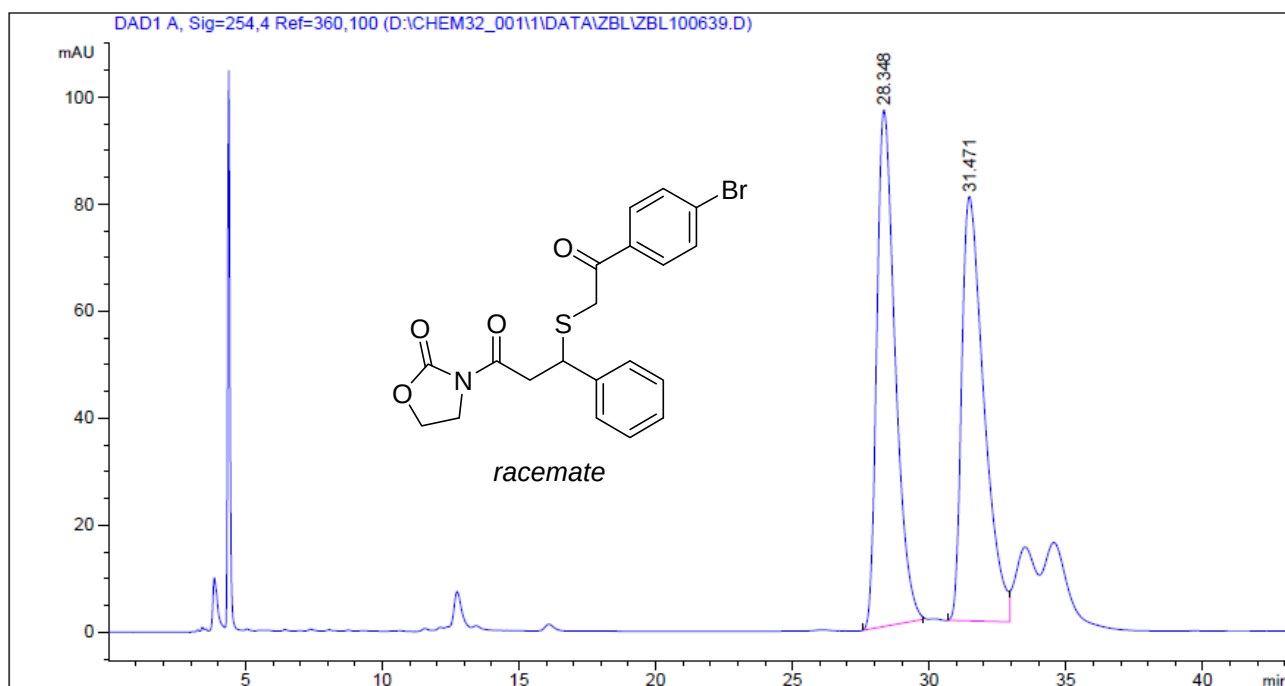




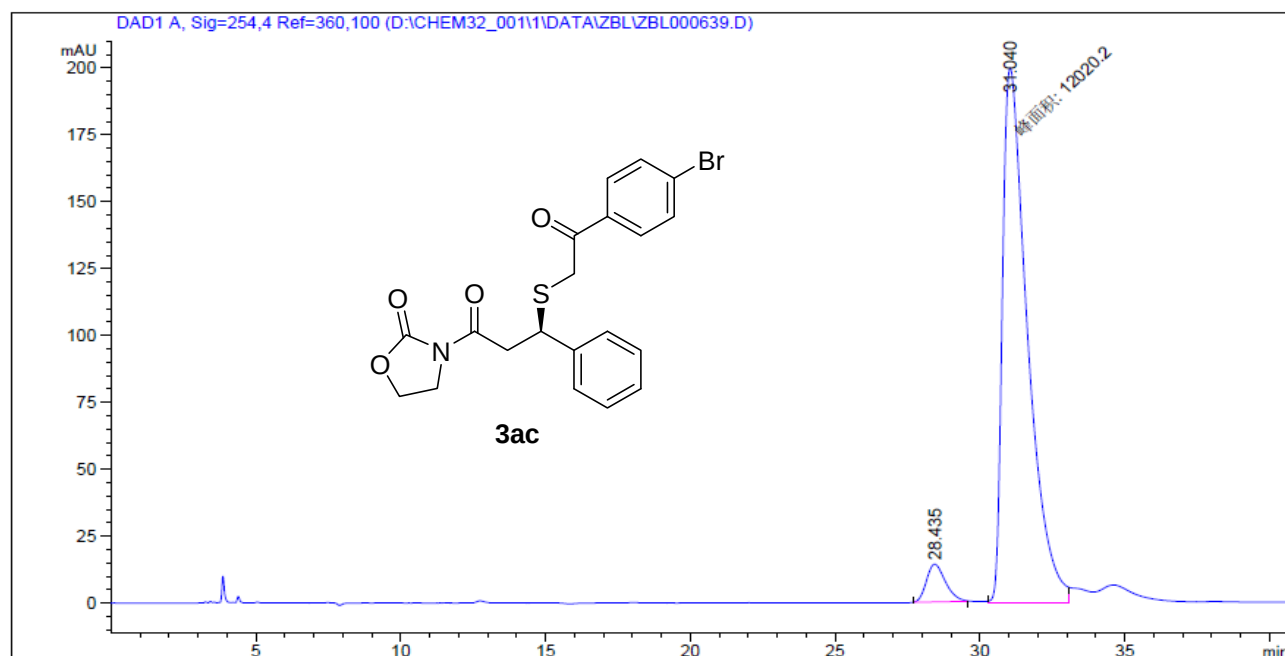
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1	50.302	MM	2.8923	1.54013e4	88.74859	52.5445
2	66.173	MM	3.4540	1.39097e4	67.11952	47.4555



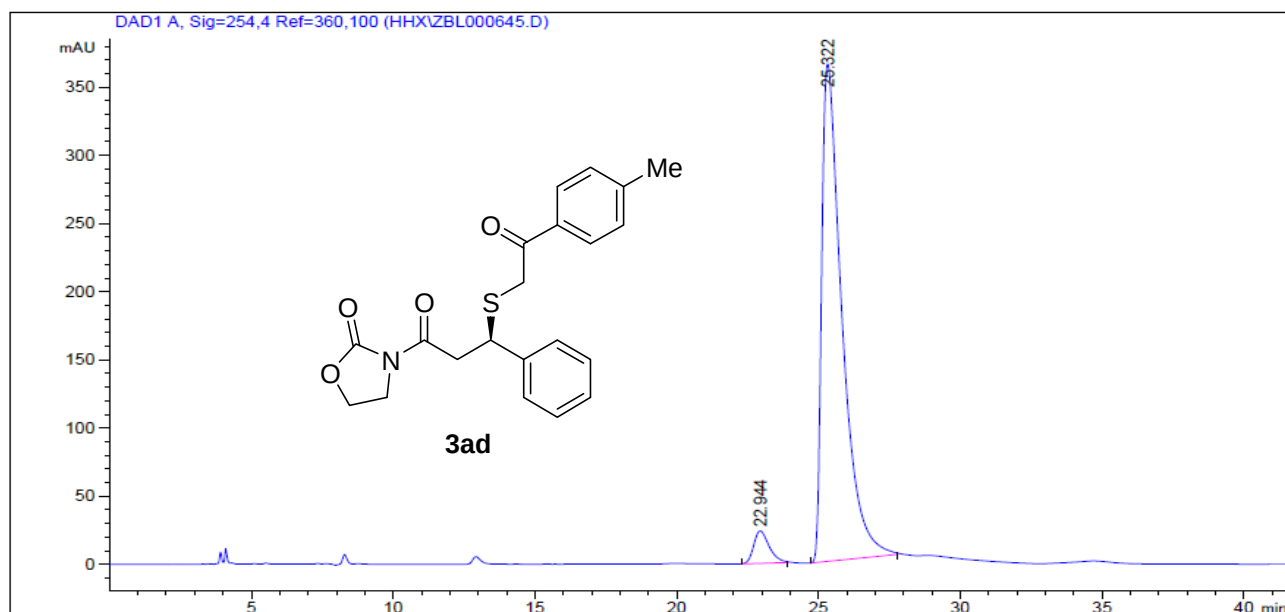
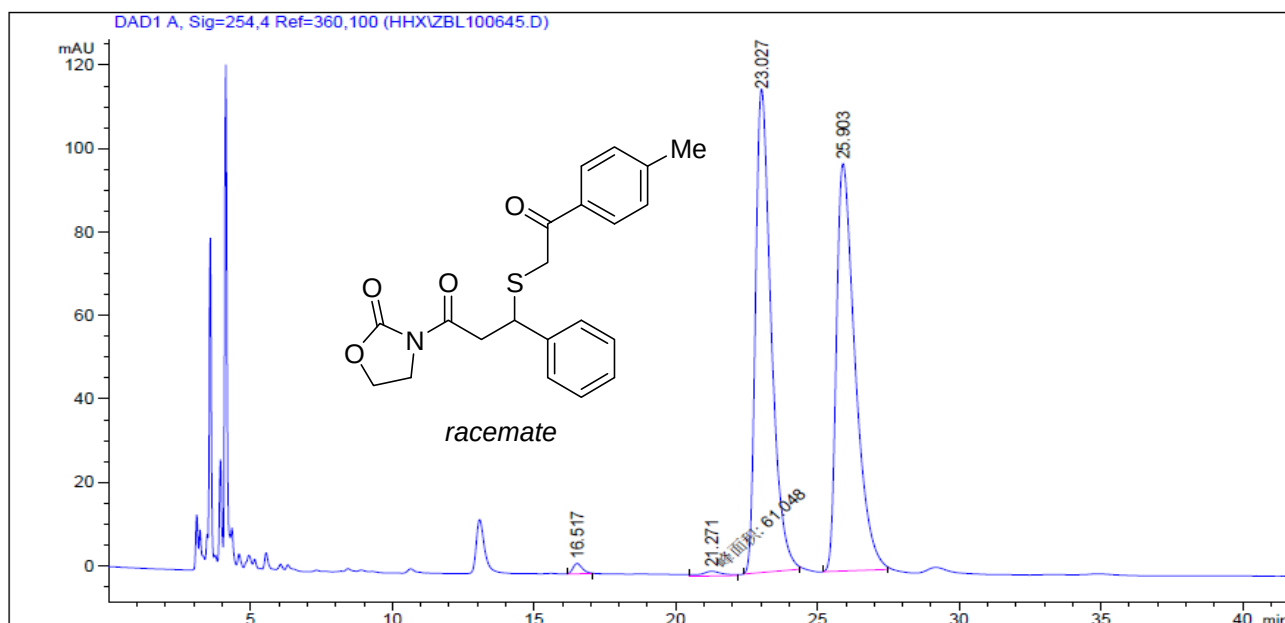
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1	50.044	BB	2.1636	2.45166e4	165.56401	94.8618
2	65.875	MM	2.8121	1327.95007	7.87037	5.1382

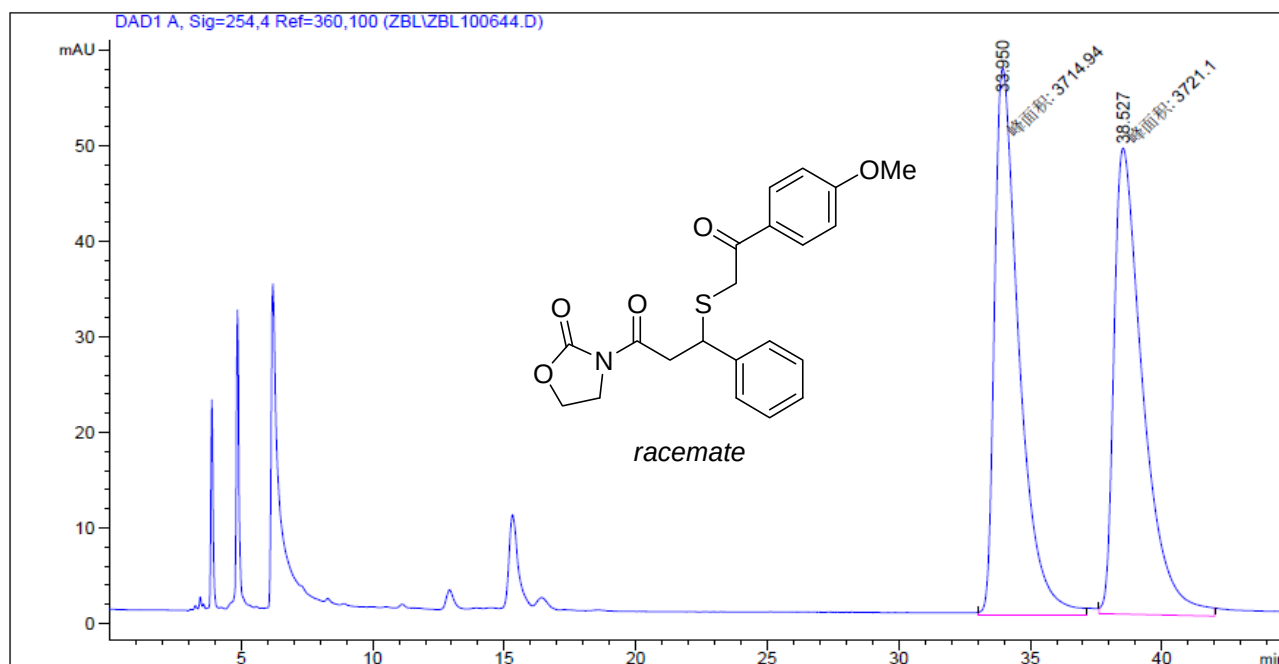


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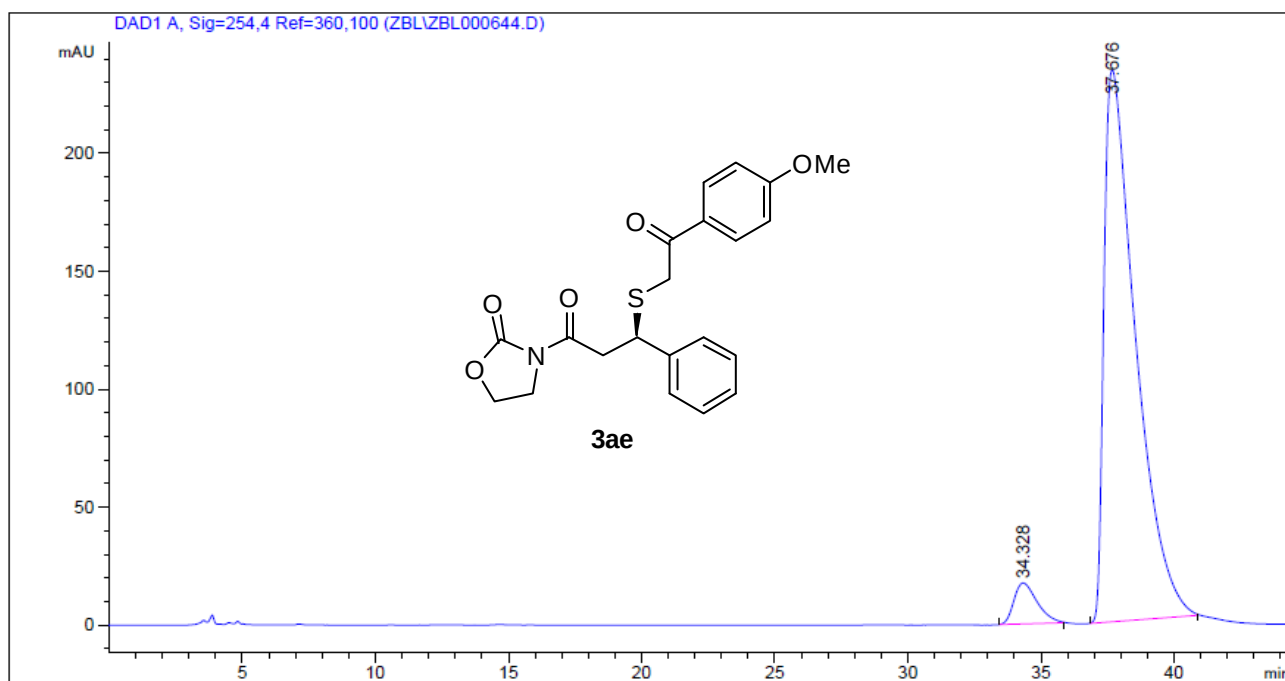


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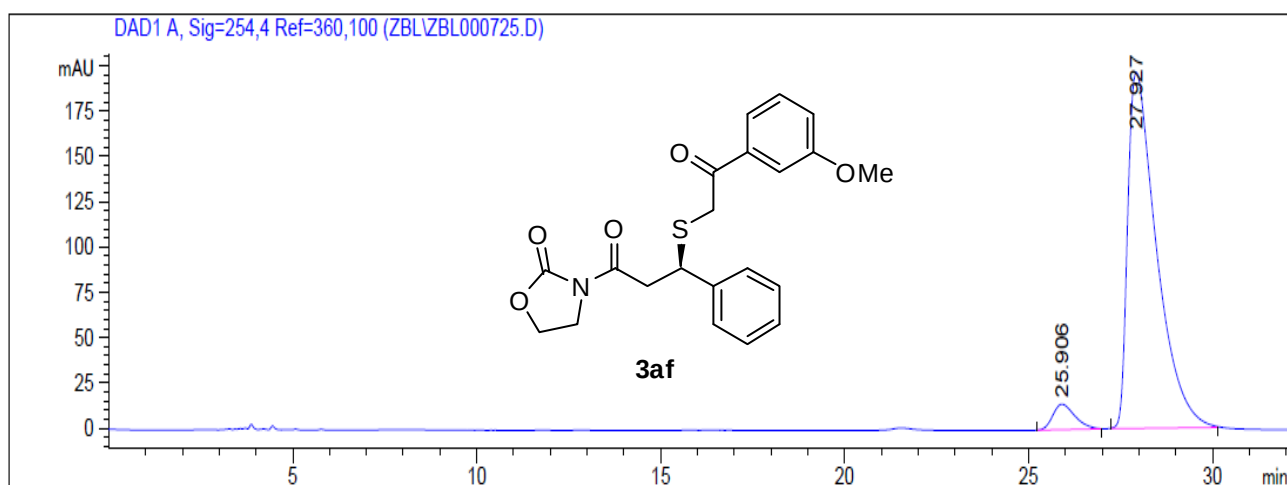
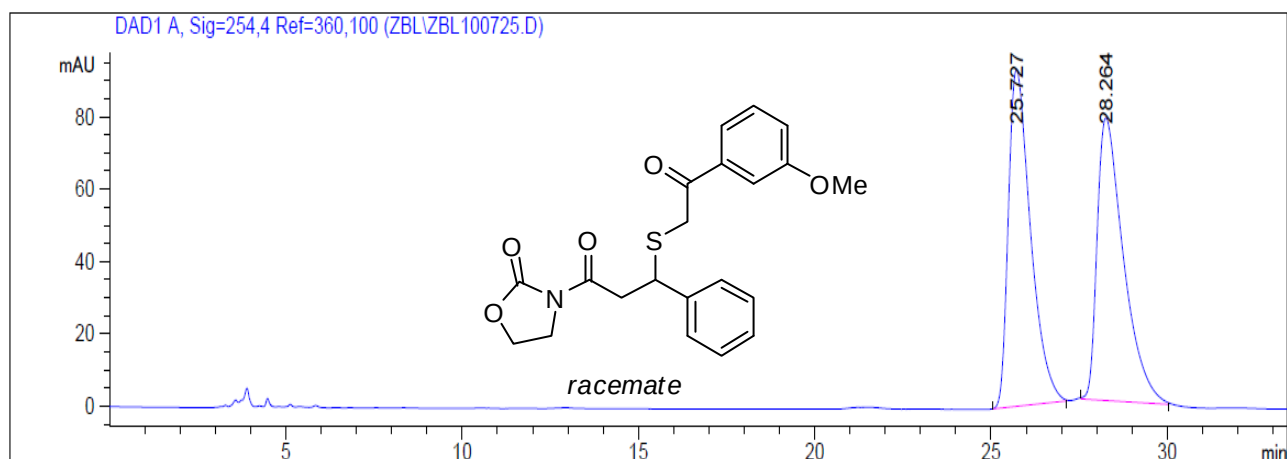


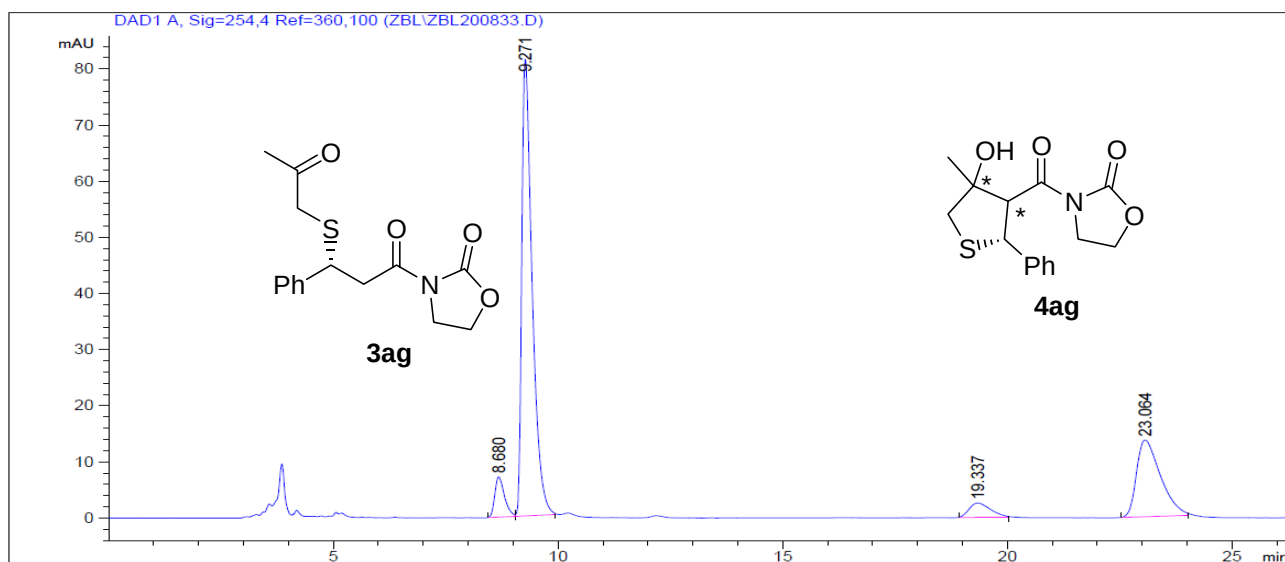
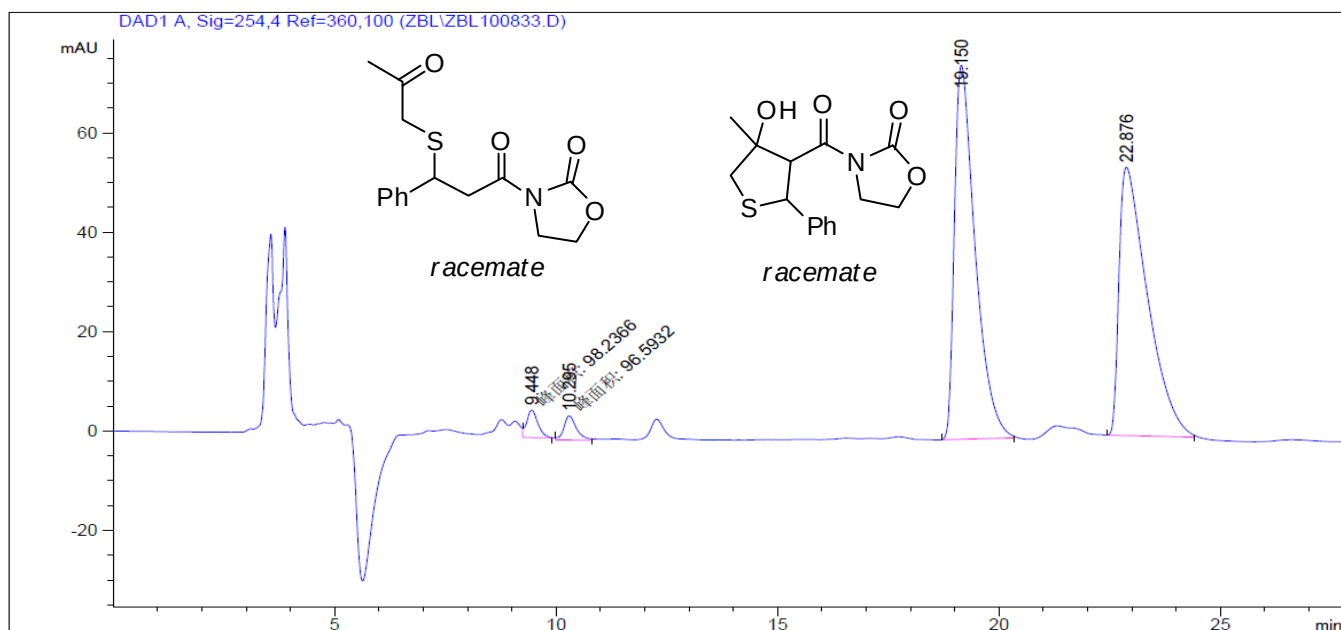


Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
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2	38.527	MM	1.2717	3721.10327	48.76958	50.0414

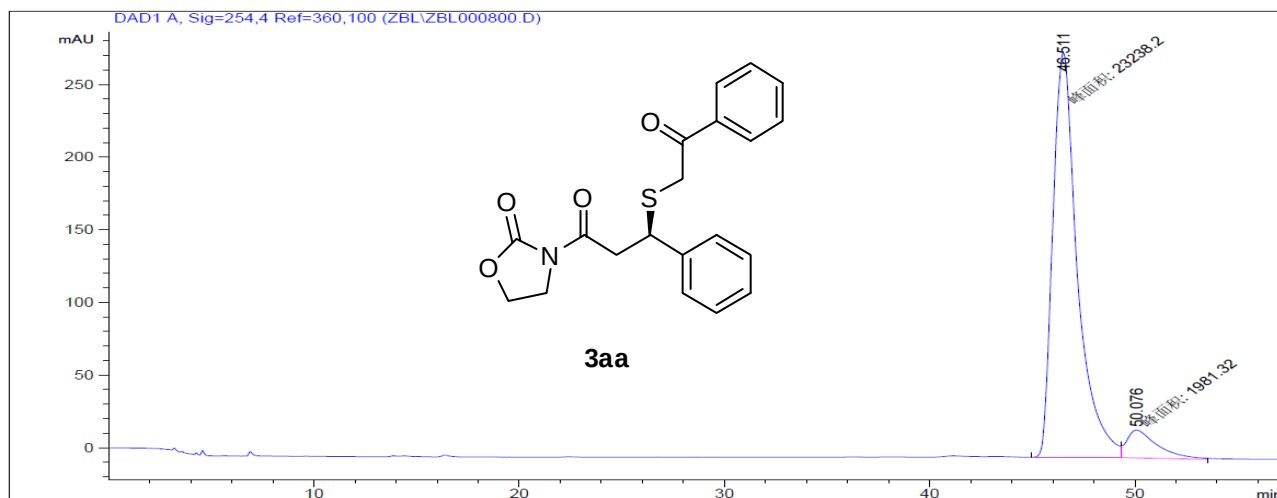


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1	34.328	BB	0.8813	1052.49121	17.36020	5.1660
2	37.676	BB	1.2113	1.93208e4	234.00119	94.8340





Gram-scale reaction



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	46.511	MM	1.3899	2.32382e4	278.66580	92.1437
2	50.076	MM	1.7246	1981.32166	19.14795	7.8563