

Electronic Supplementary Information

Novel naphthoquinone derivatives and evaluation of their trypanocidal and leishmanicidal activities

Aline Alves dos Santos Naujorks^a, Adriano Olímpio da Silva^b, Rosangela da Silva Lopes^b, Sérgio de Albuquerque^c, Adilson Beatriz^b, Maria Rita Marques^d, Dênis Pires de Lima^{b*}

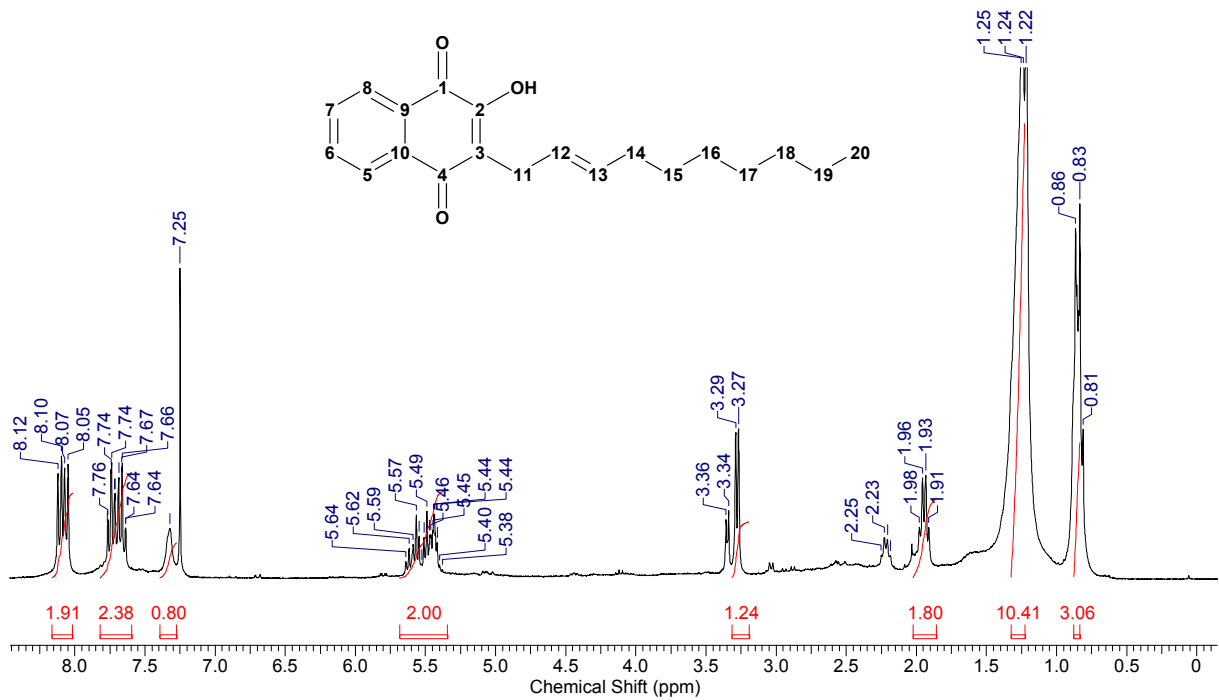
^aPrograma de Pós-Graduação em Farmácia, Centro de Ciências Biológicas e da Saúde, Universidade Federal de Mato Grosso do Sul, 79080-190, Campo Grande, MS, Brazil.

^bInstituto de Química (LP4), Universidade Federal de Mato Grosso do Sul, 79074-460, Campo Grande, MS, Brazil.

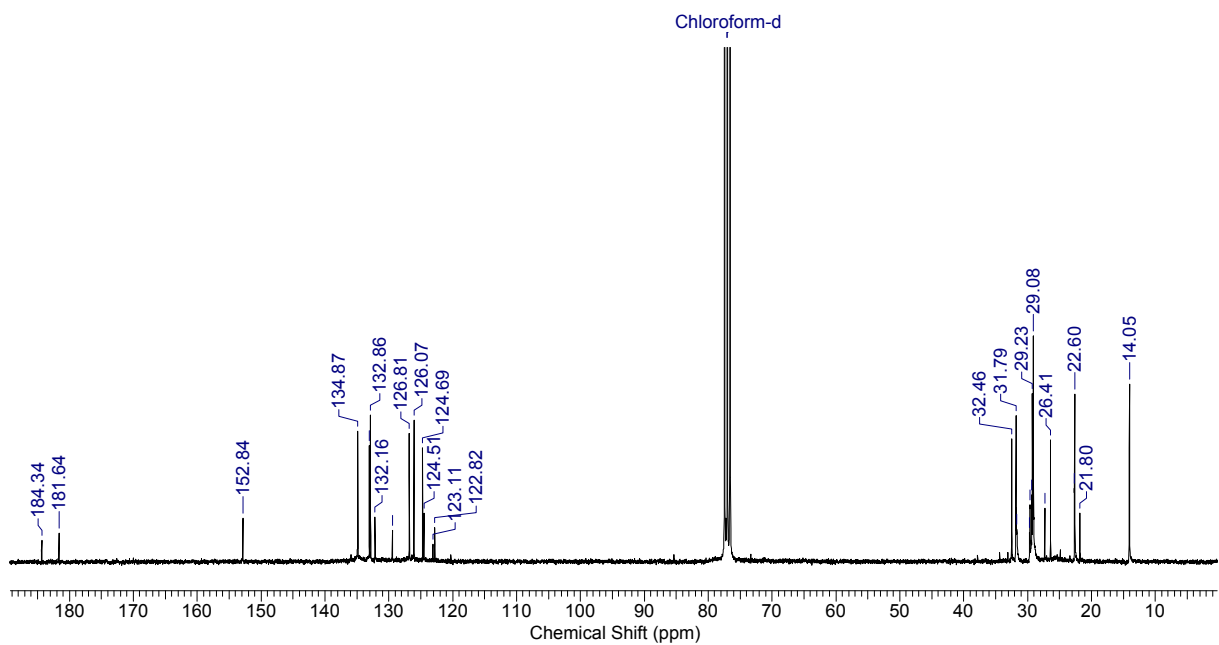
^cDepartamento de Análises Clínicas, Toxicológicas e Bromatológicas, Faculdade de Ciências Farmacêuticas de Ribeirão Preto, USP, 14040-930, Ribeirão Preto, SP, Brazil.

^dCentro de Ciências Biológicas e da Saúde, Laboratório de Bioquímica, Universidade Federal de Mato Grosso do Sul, 79070-900, Campo Grande, MS, Brazil.

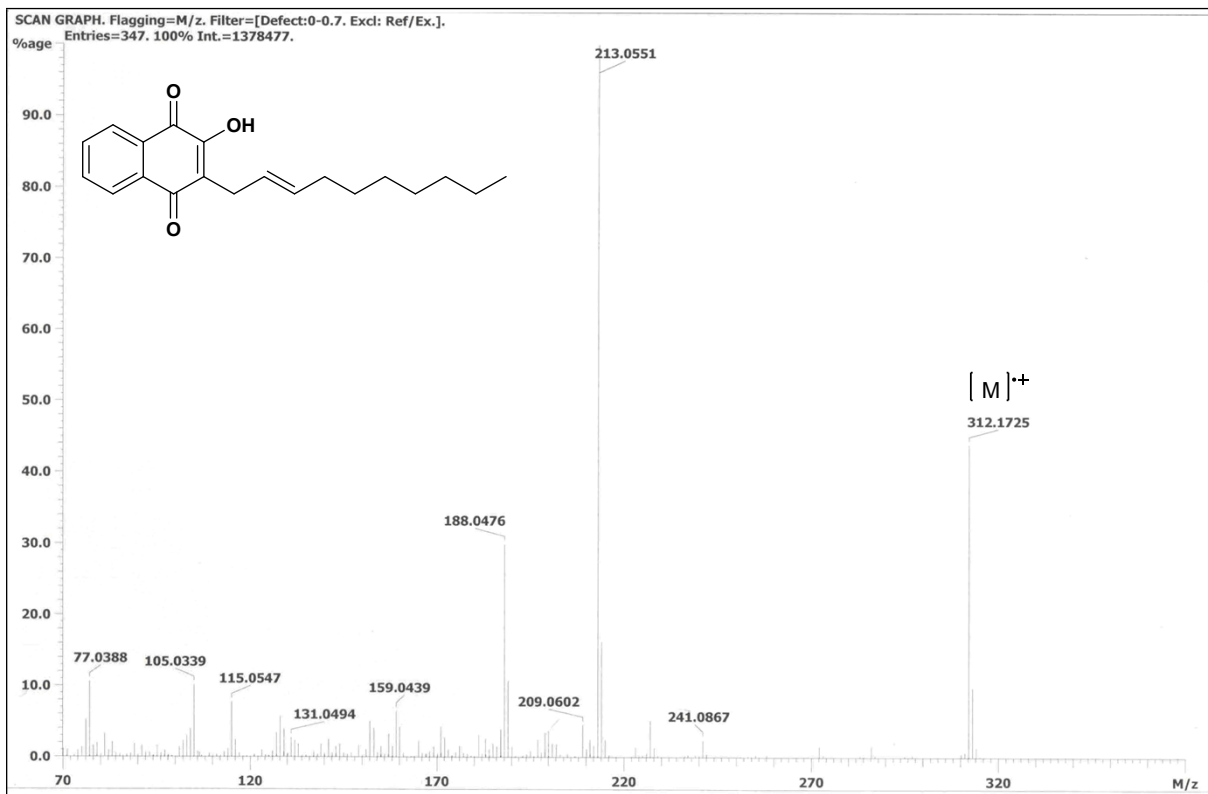
*Corresponding author: D. P. de Lima, Instituto de Química, Universidade Federal de Mato Grosso do Sul, Av. Filinto Müller 1555, CEP 79074-460, Campo Grande-MS, Brazil; +55-67-33453676;
E-mail: denis.lima@ufms.br



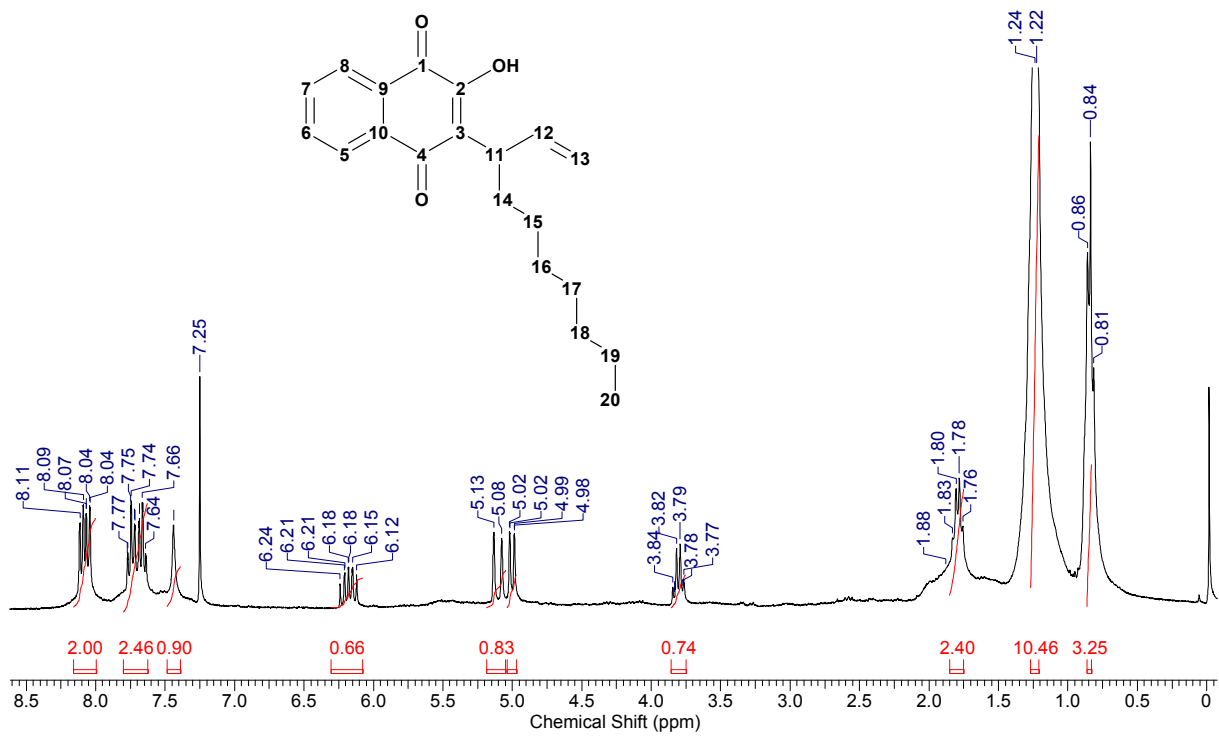
¹H NMR (300 MHz, CDCl₃) compound **8a**.



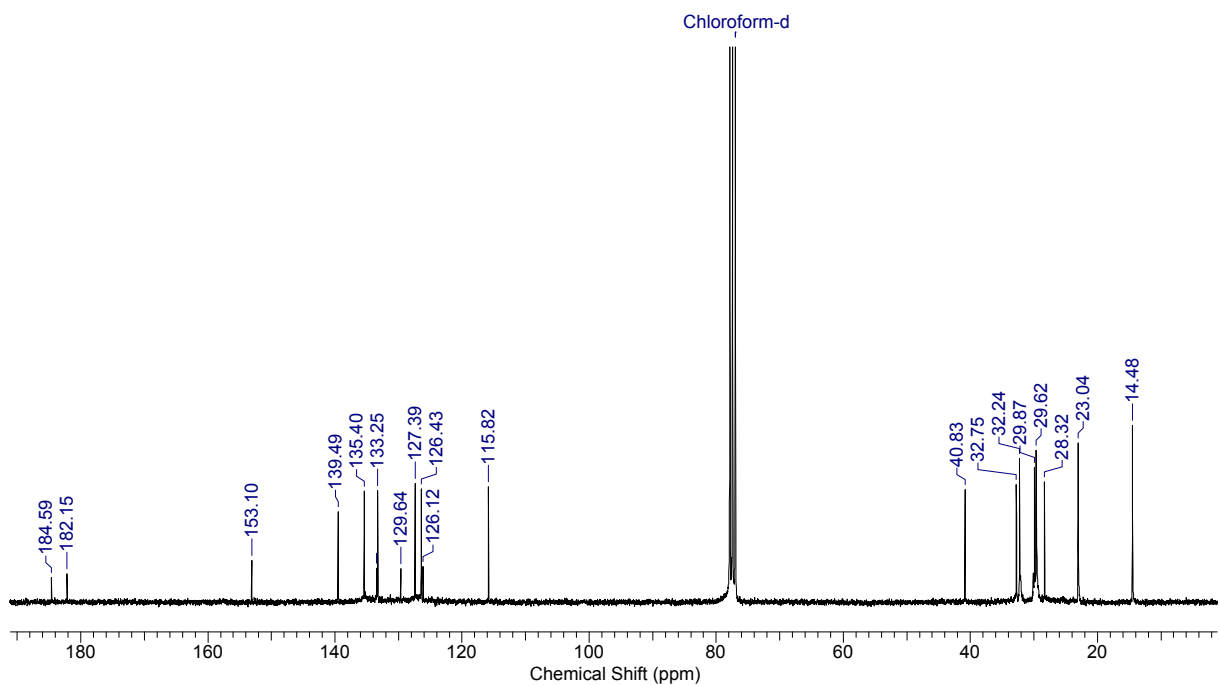
¹³C NMR (300 MHz, CDCl₃) compound **8a**.



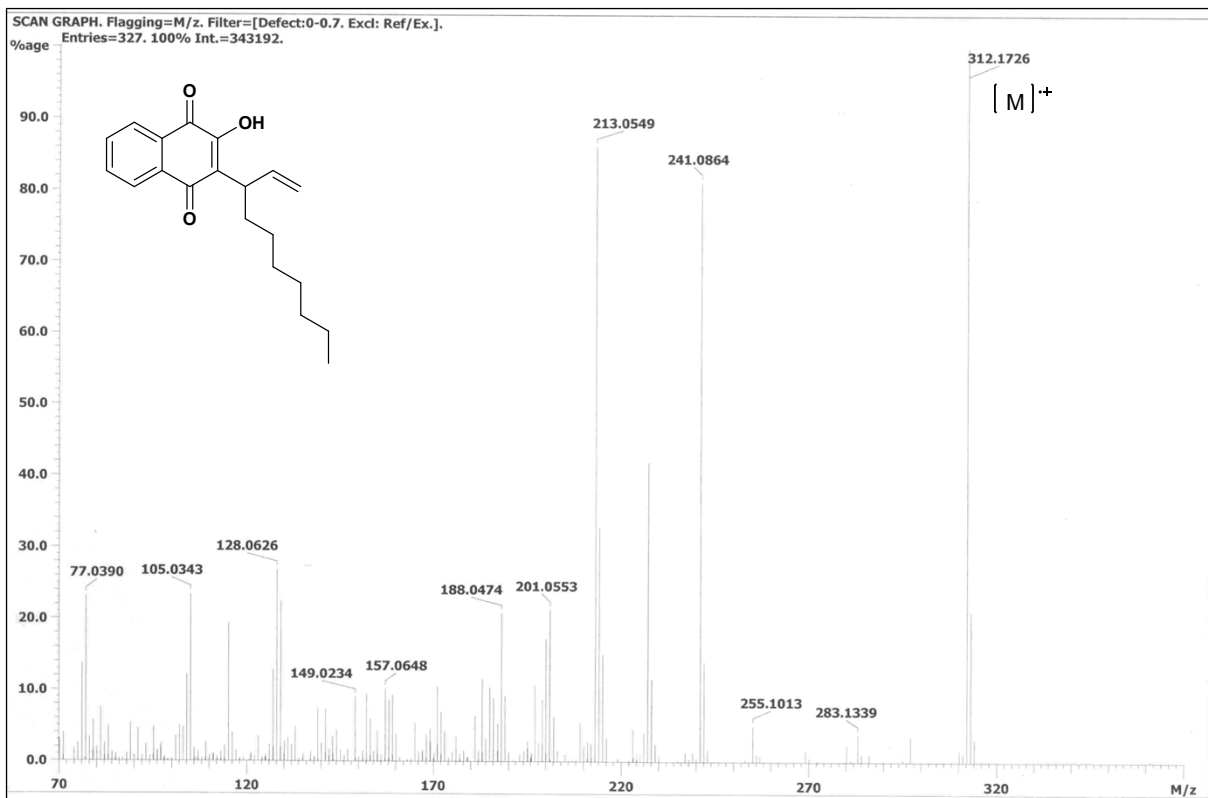
HRMS (EI) compound **8a**.



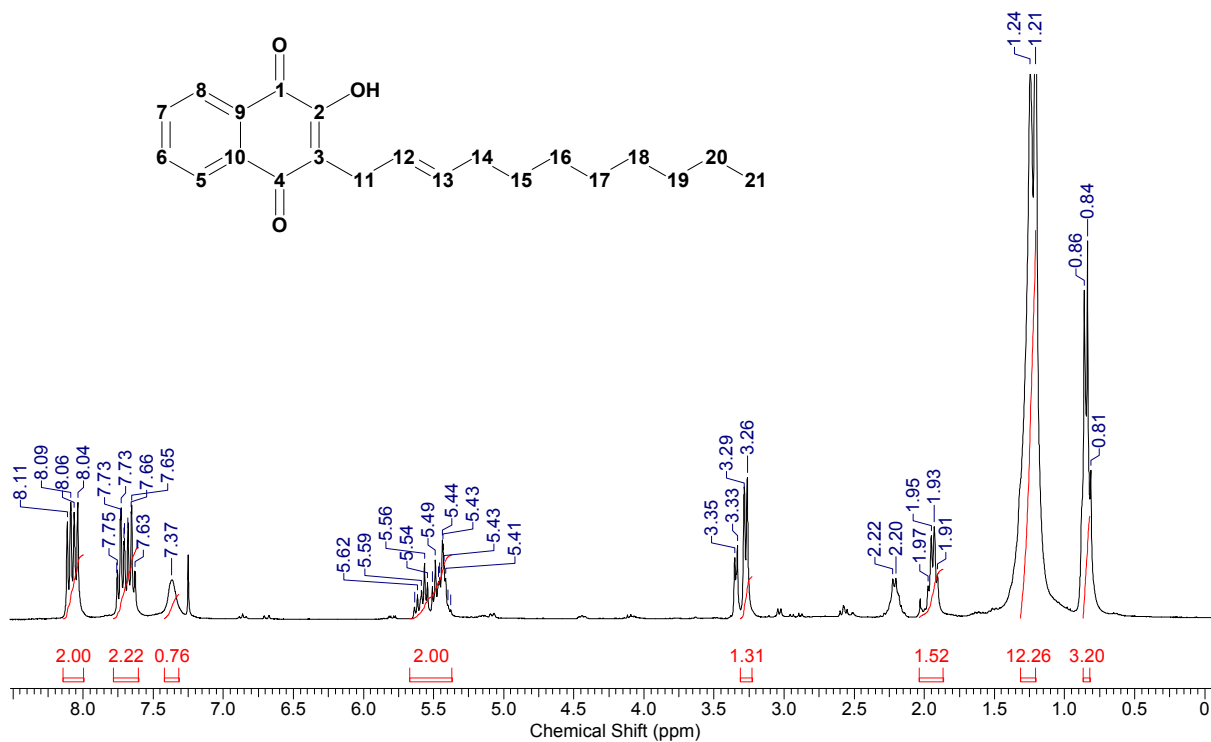
^1H NMR (300 MHz, CDCl_3) compound **8b**.



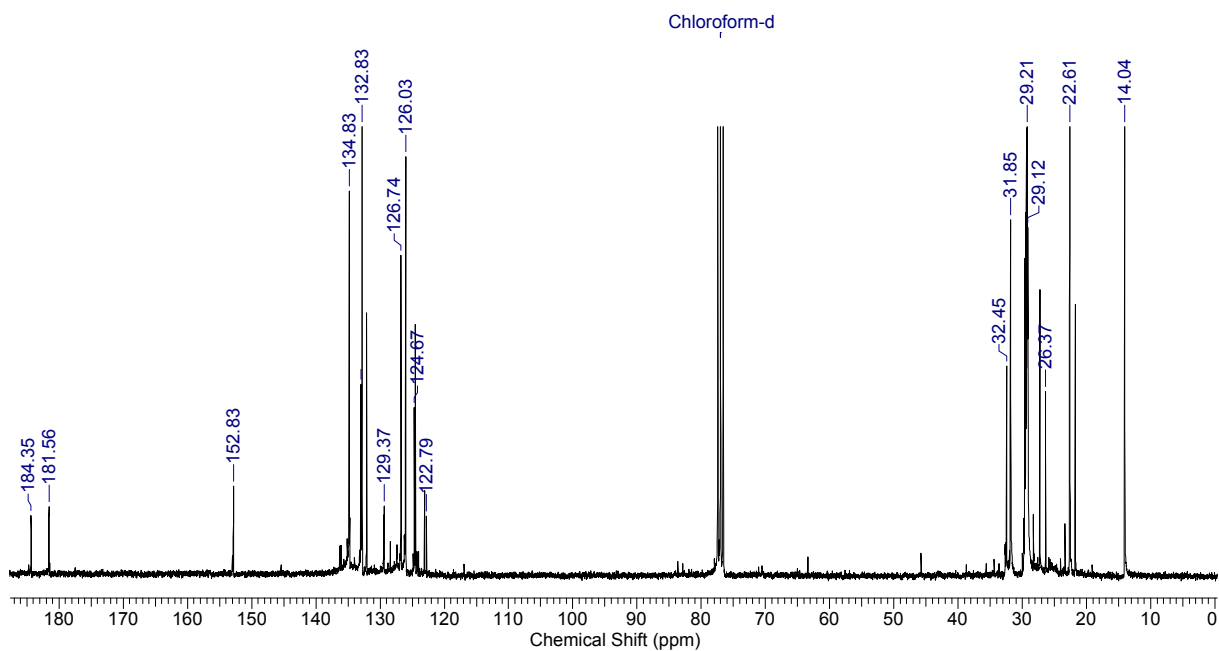
^{13}C NMR (300 MHz, CDCl_3) compound **8b**.



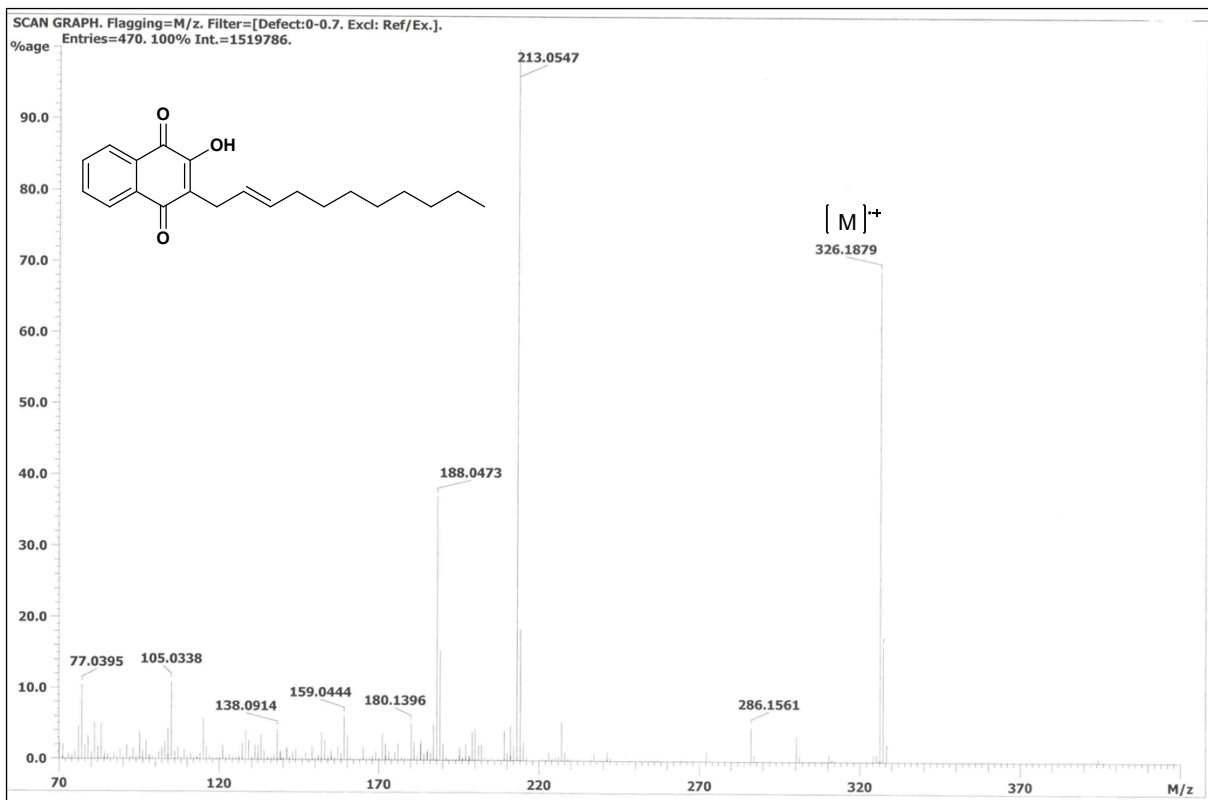
HRMS (EI) compound **8b**.



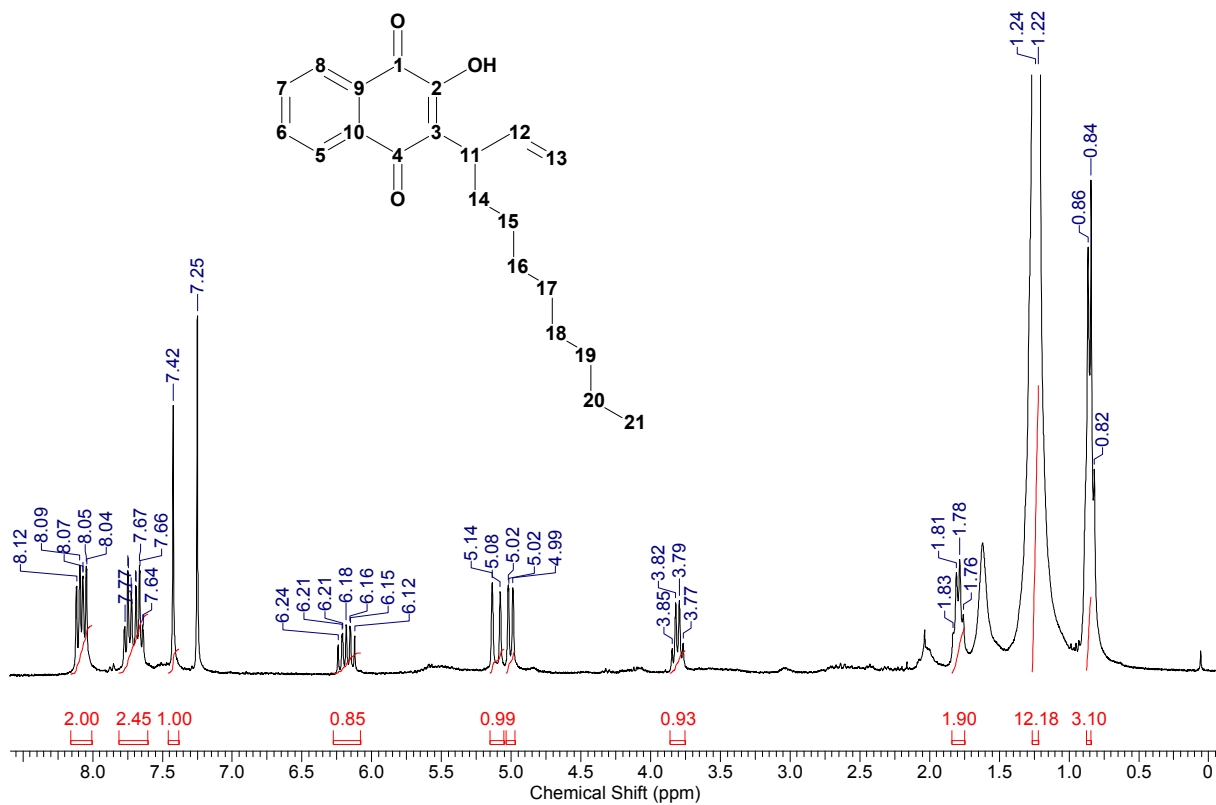
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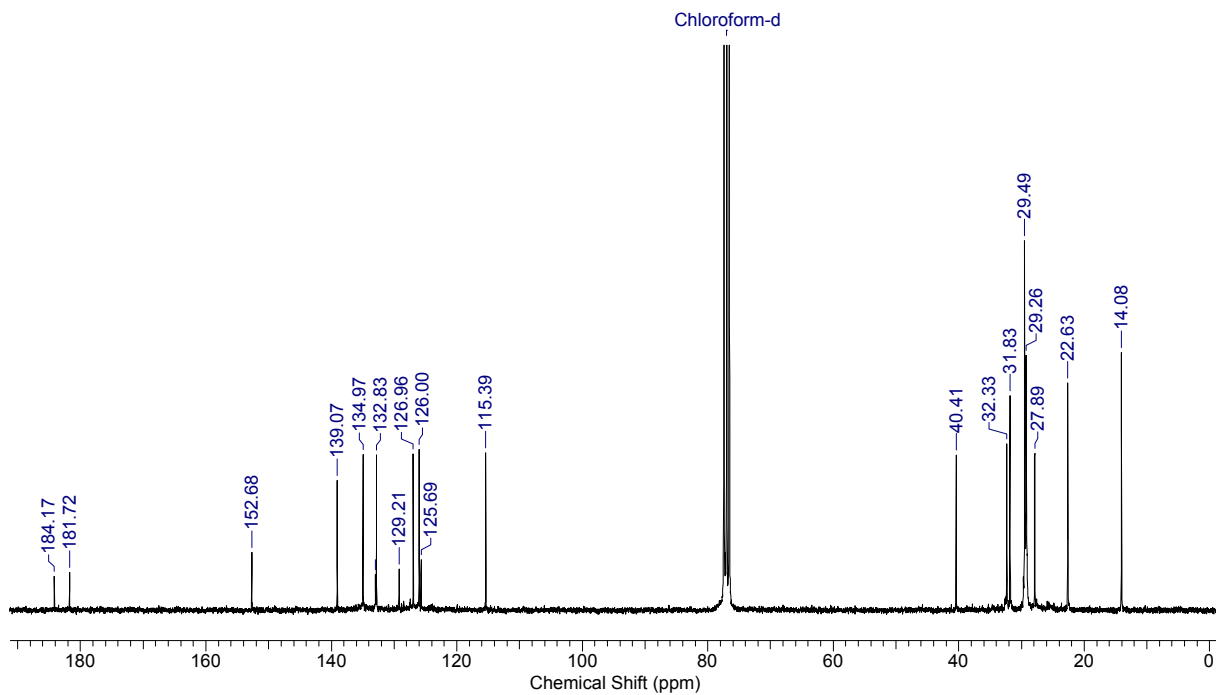
¹³C NMR (300 MHz, CDCl₃) compound **9a**.



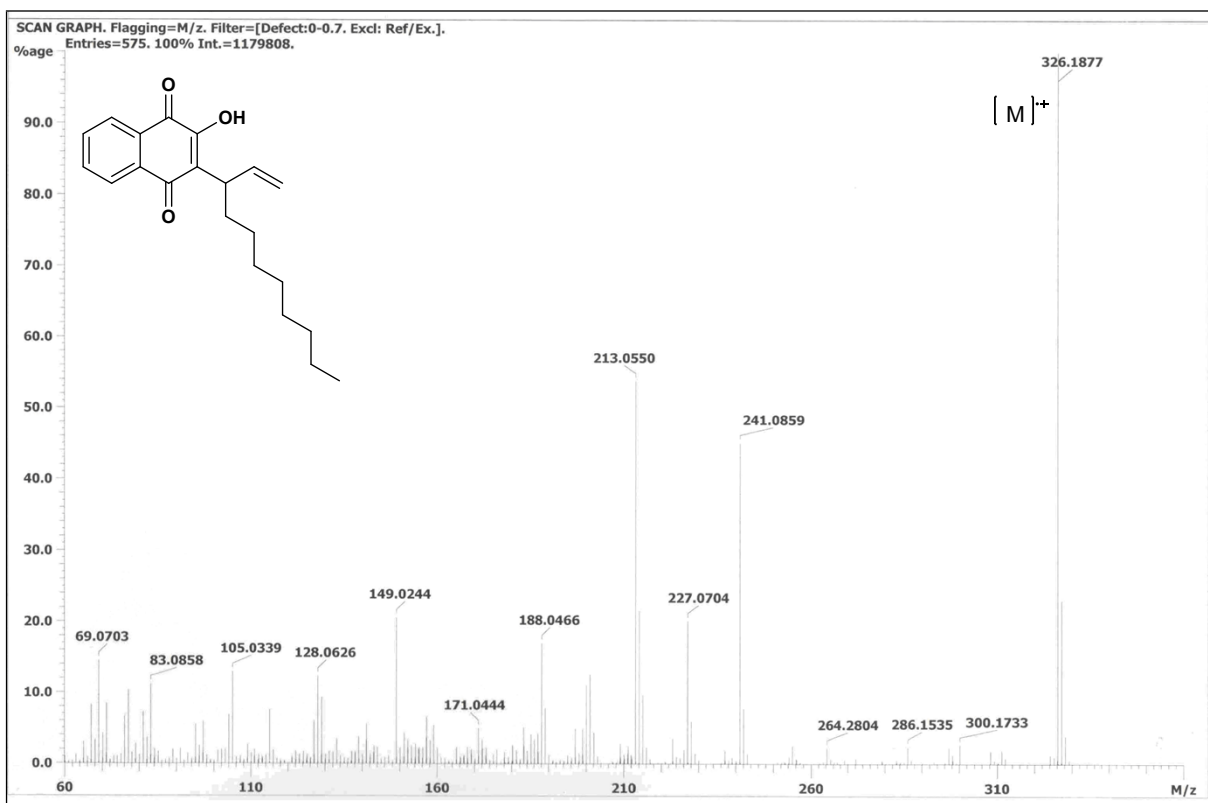
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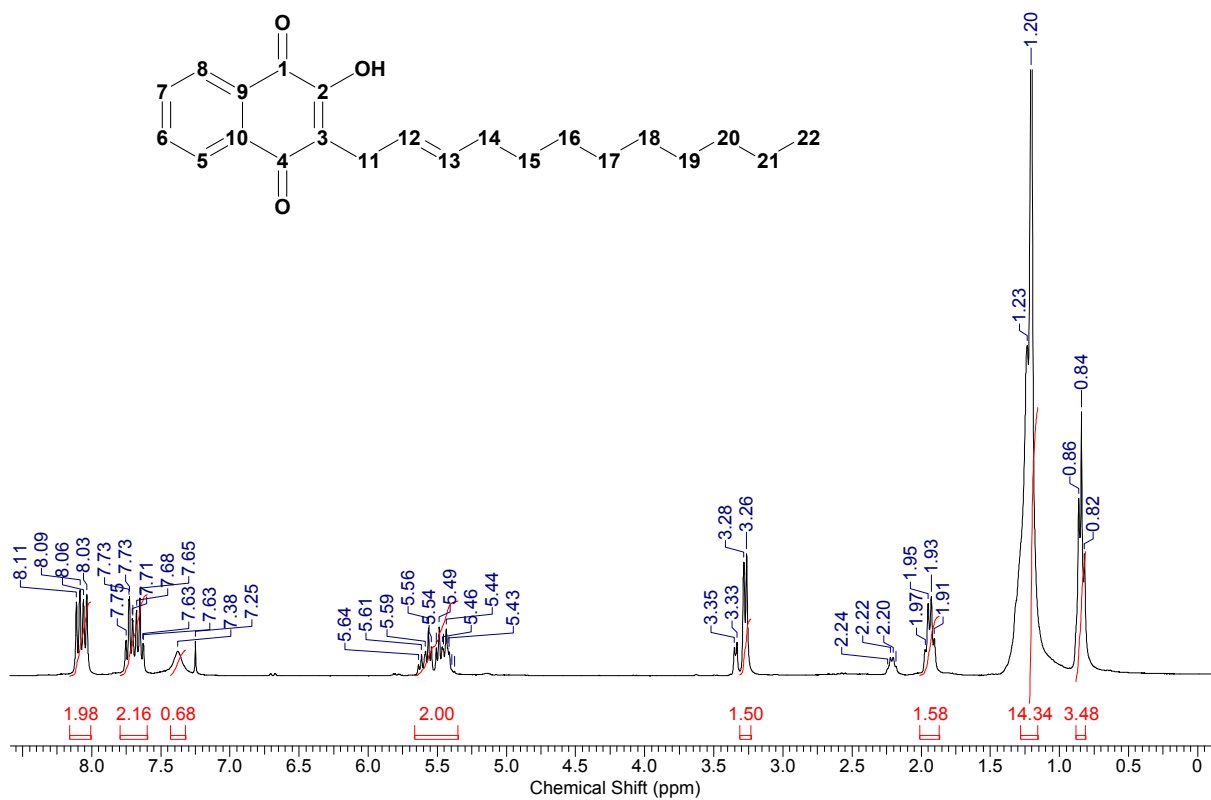
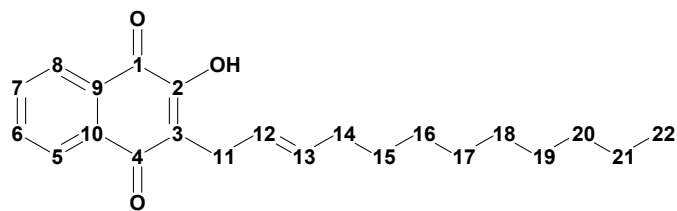
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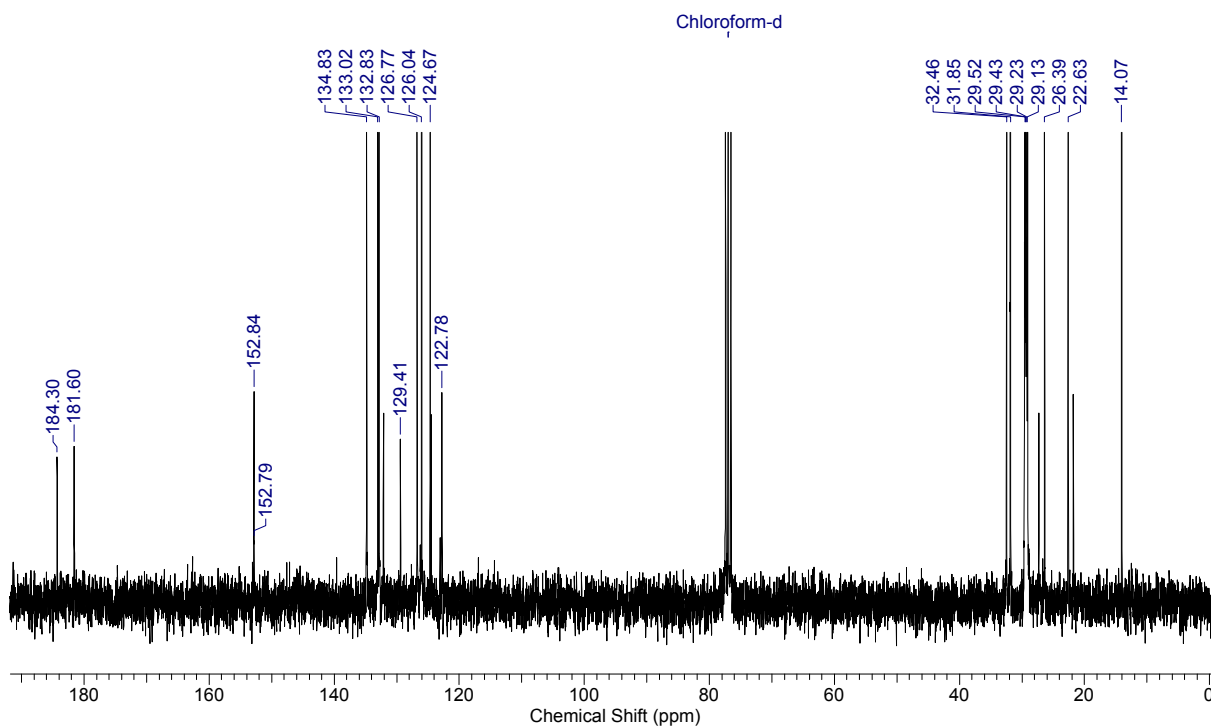
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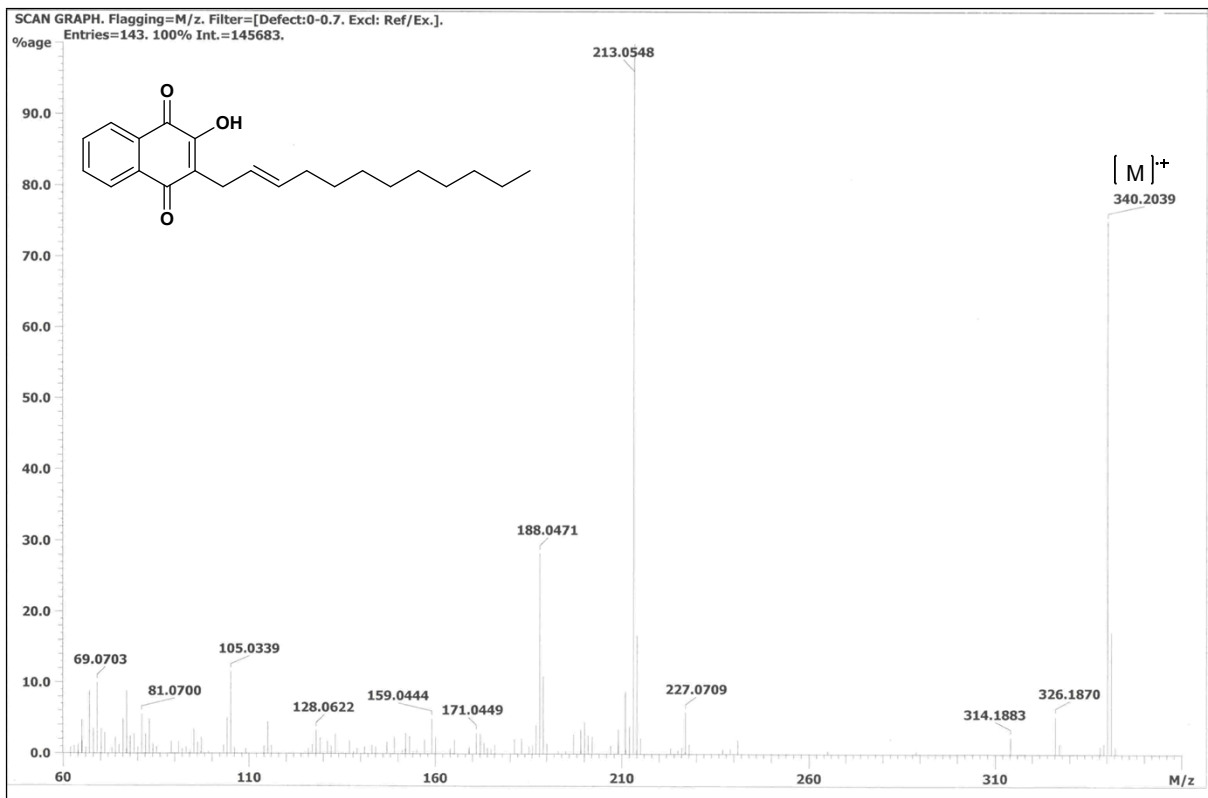
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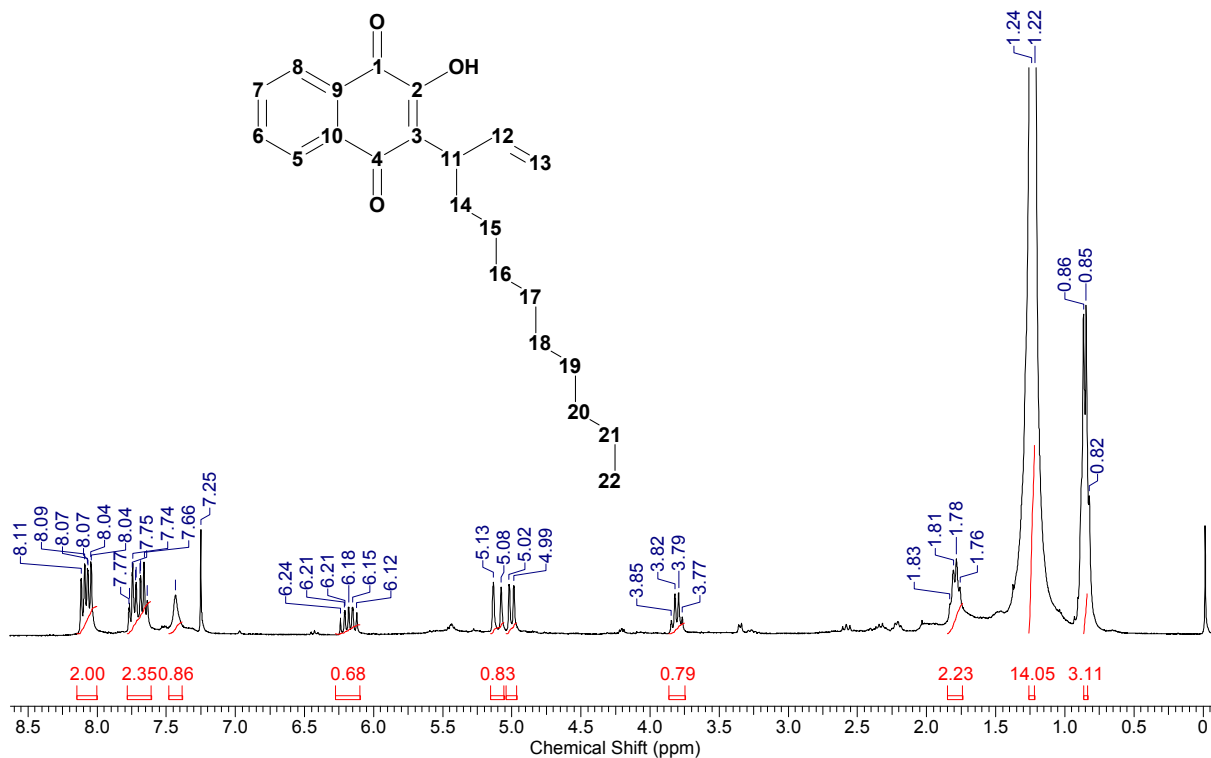
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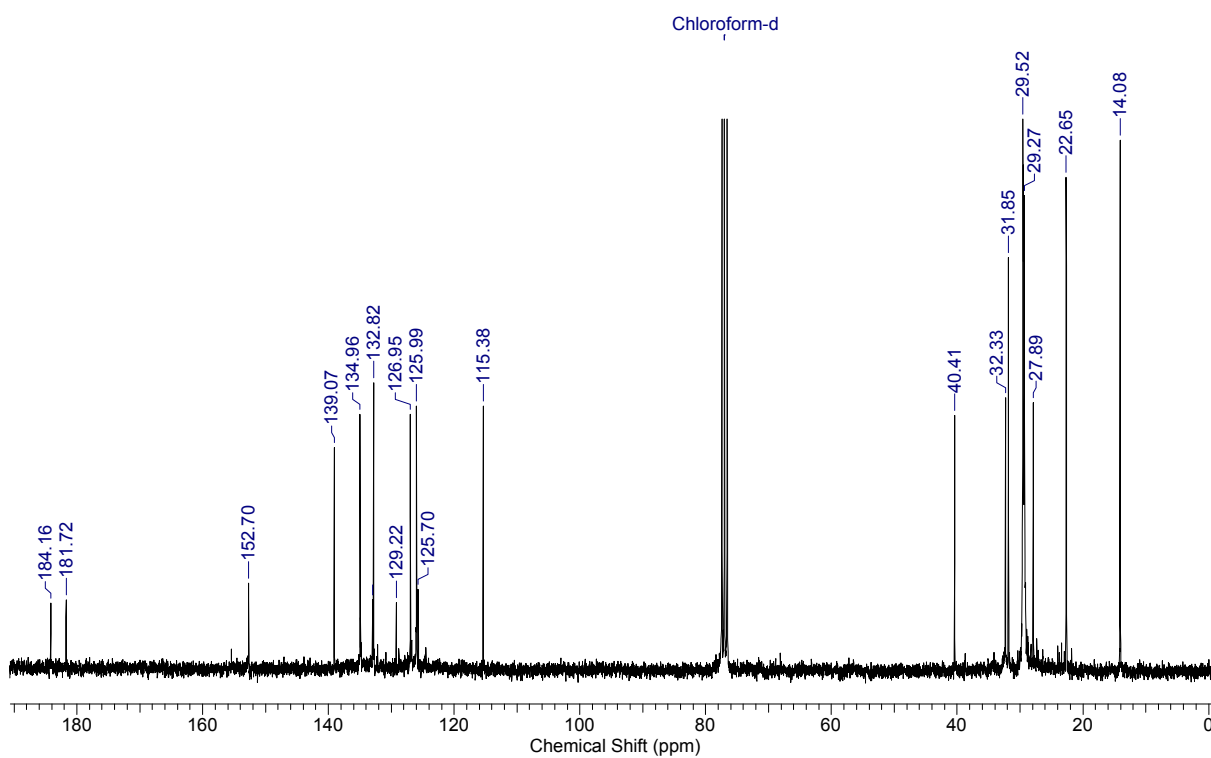
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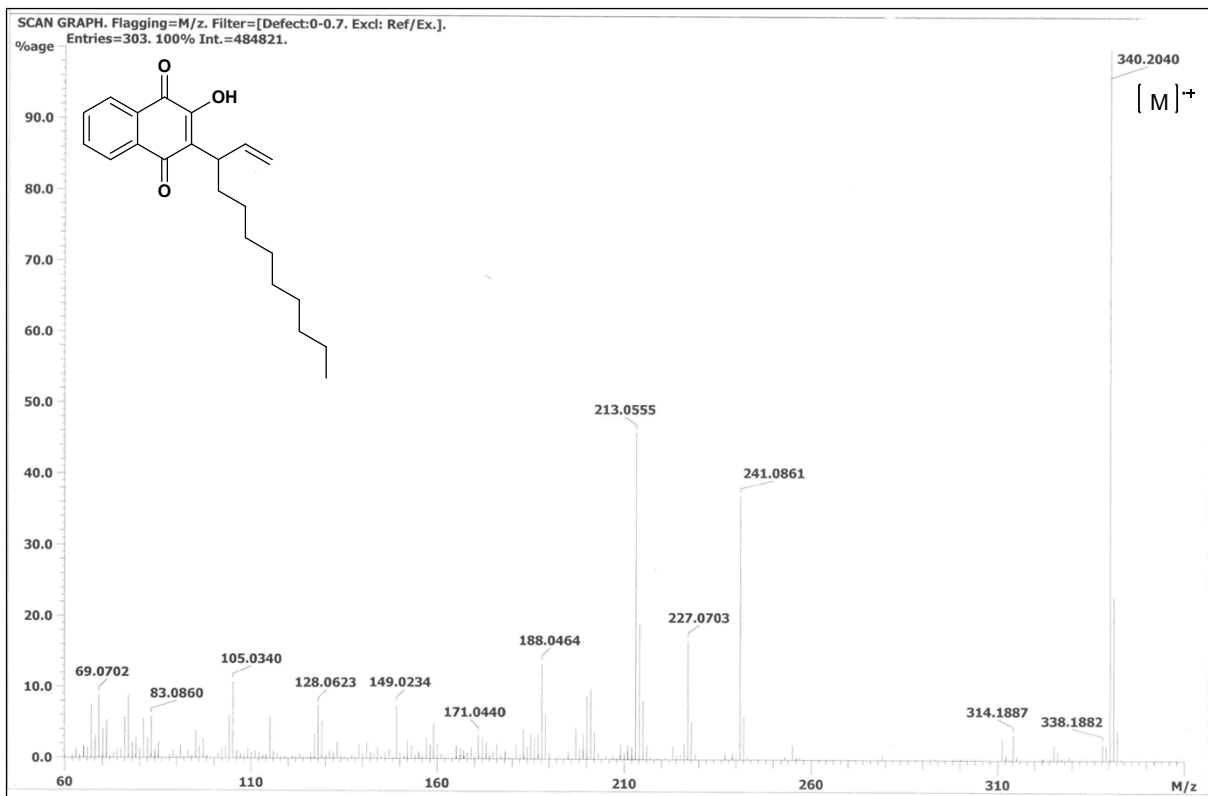
HRMS (EI) compound **10a**.



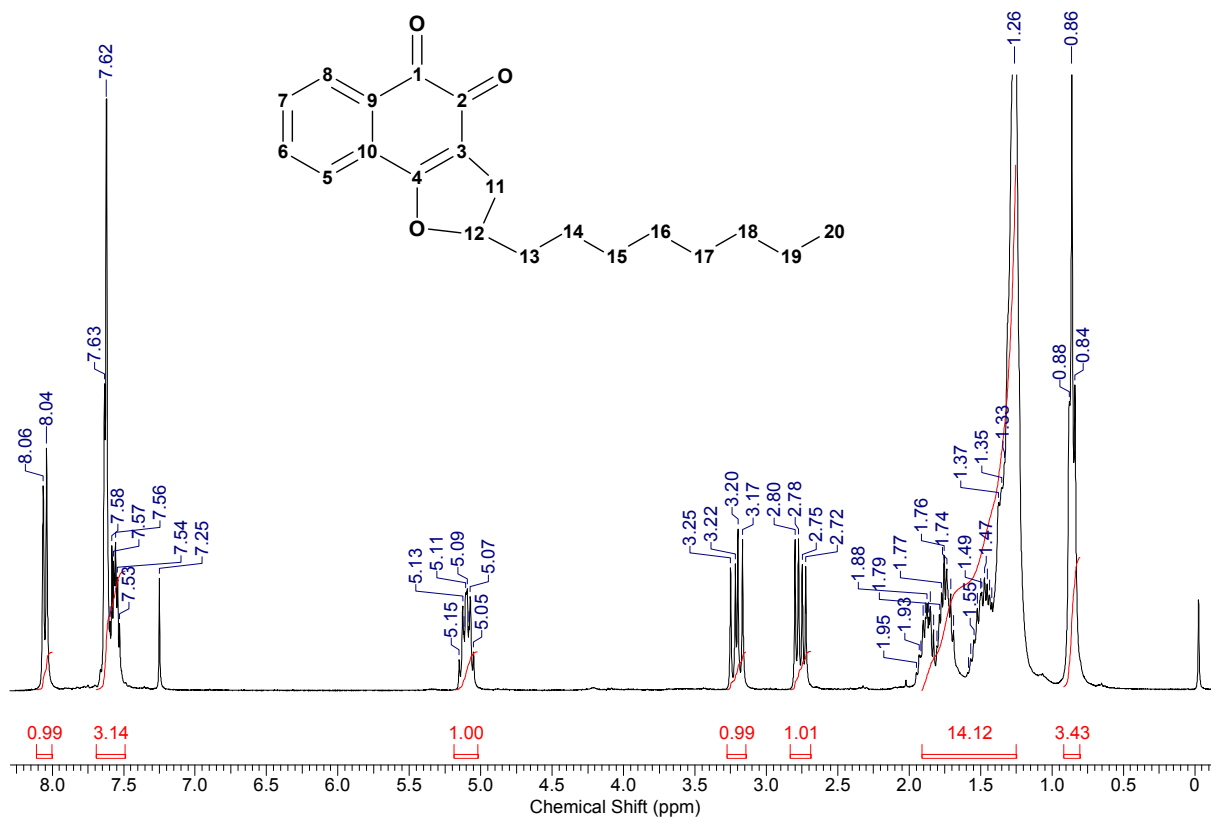
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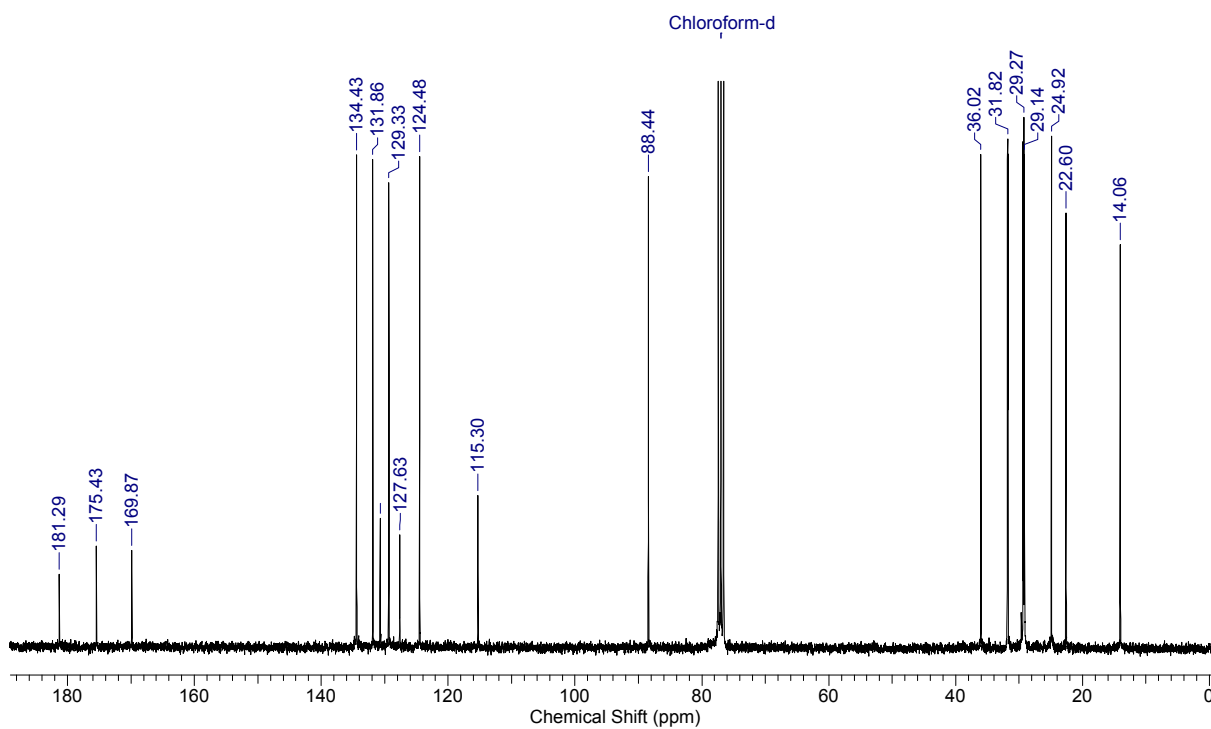
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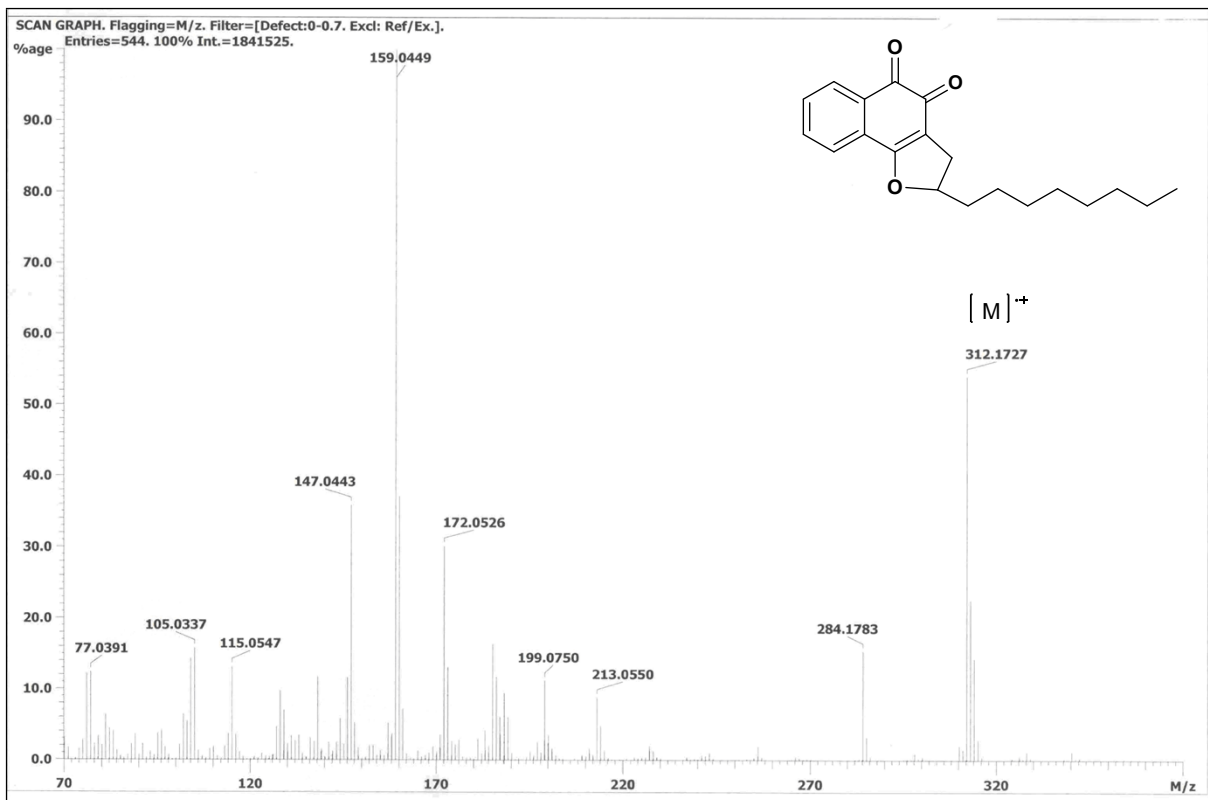
HRMS (EI) compound **10b**.



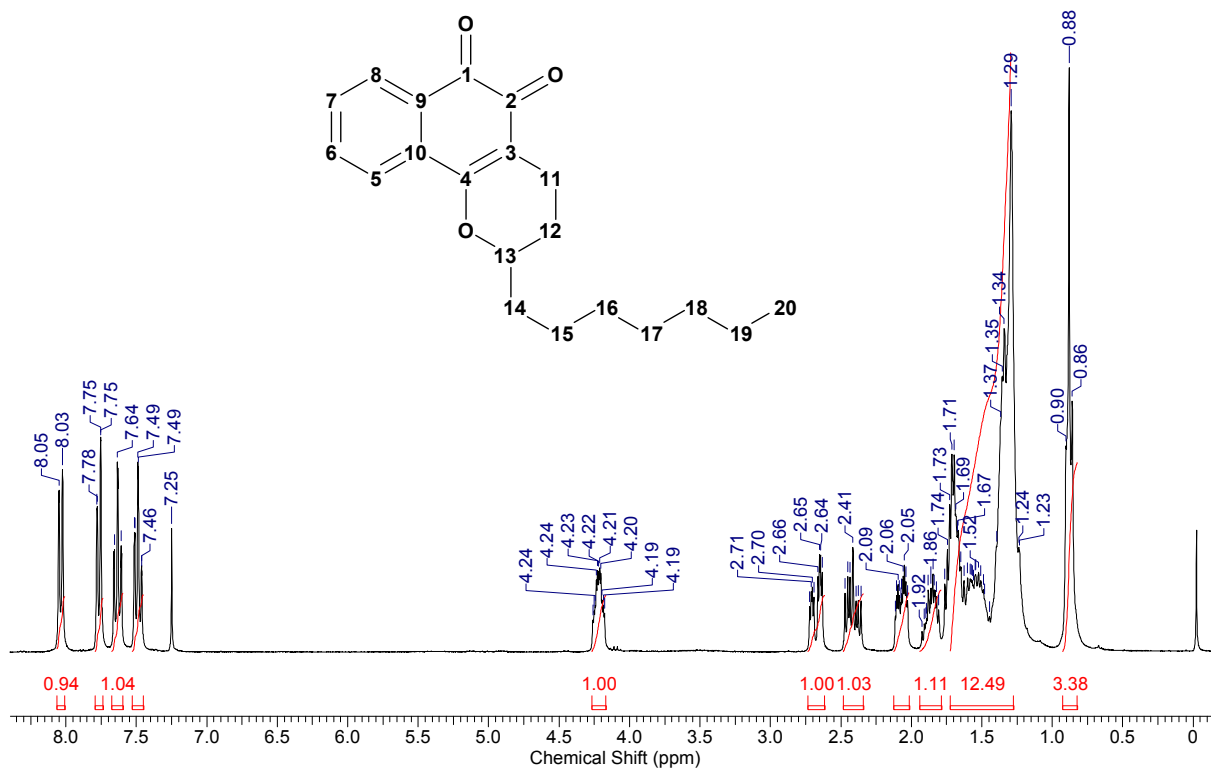
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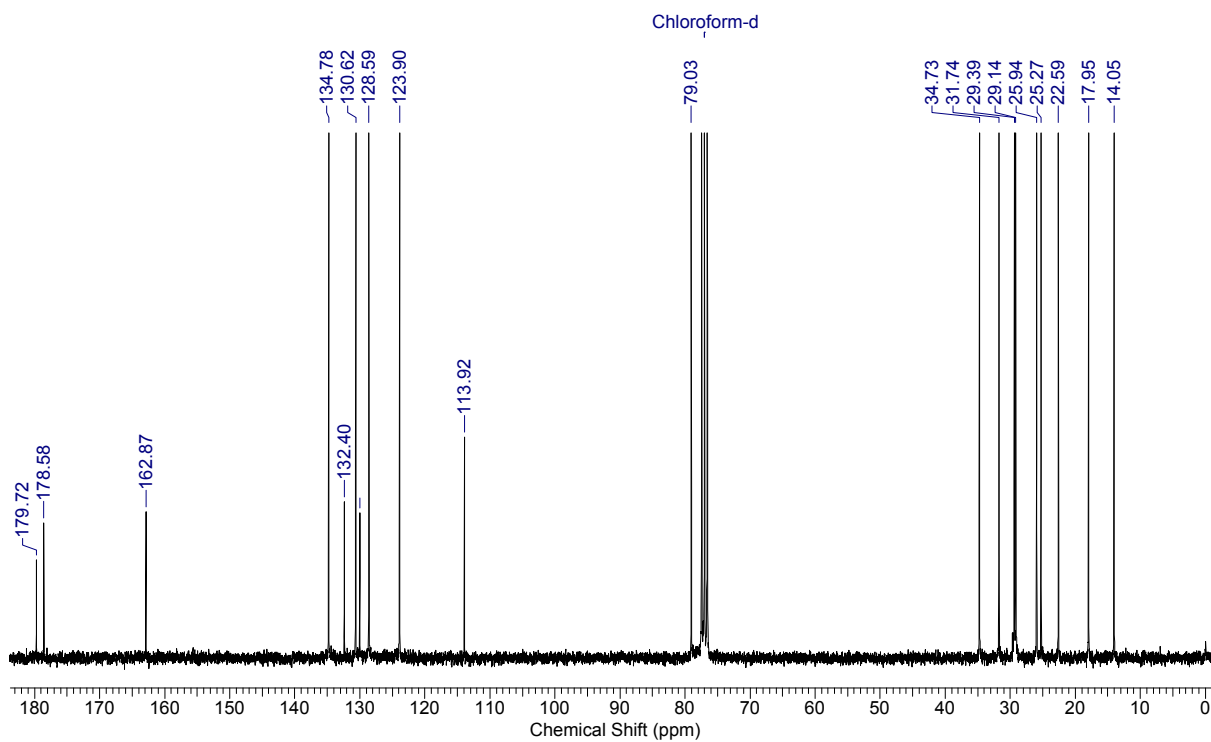
¹³C NMR (300 MHz, CDCl₃) compound **11a**.



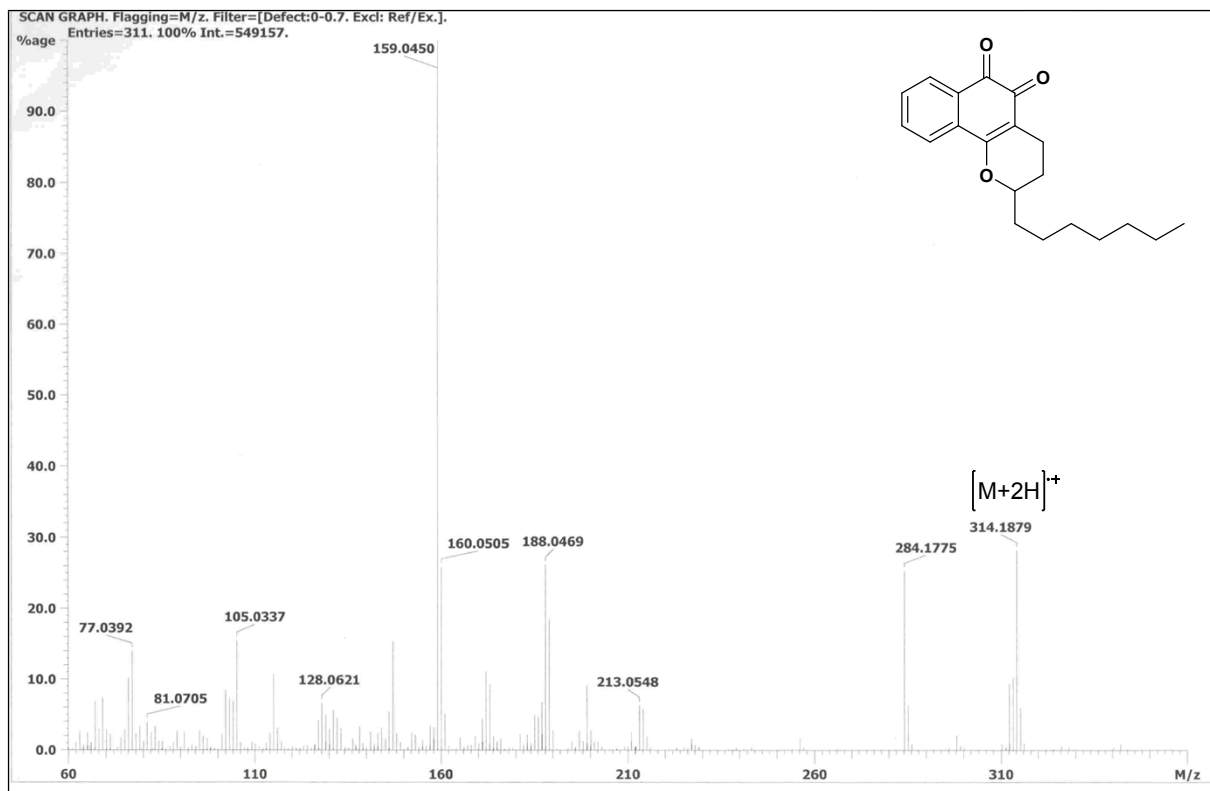
HRMS (EI) compound **11a**.



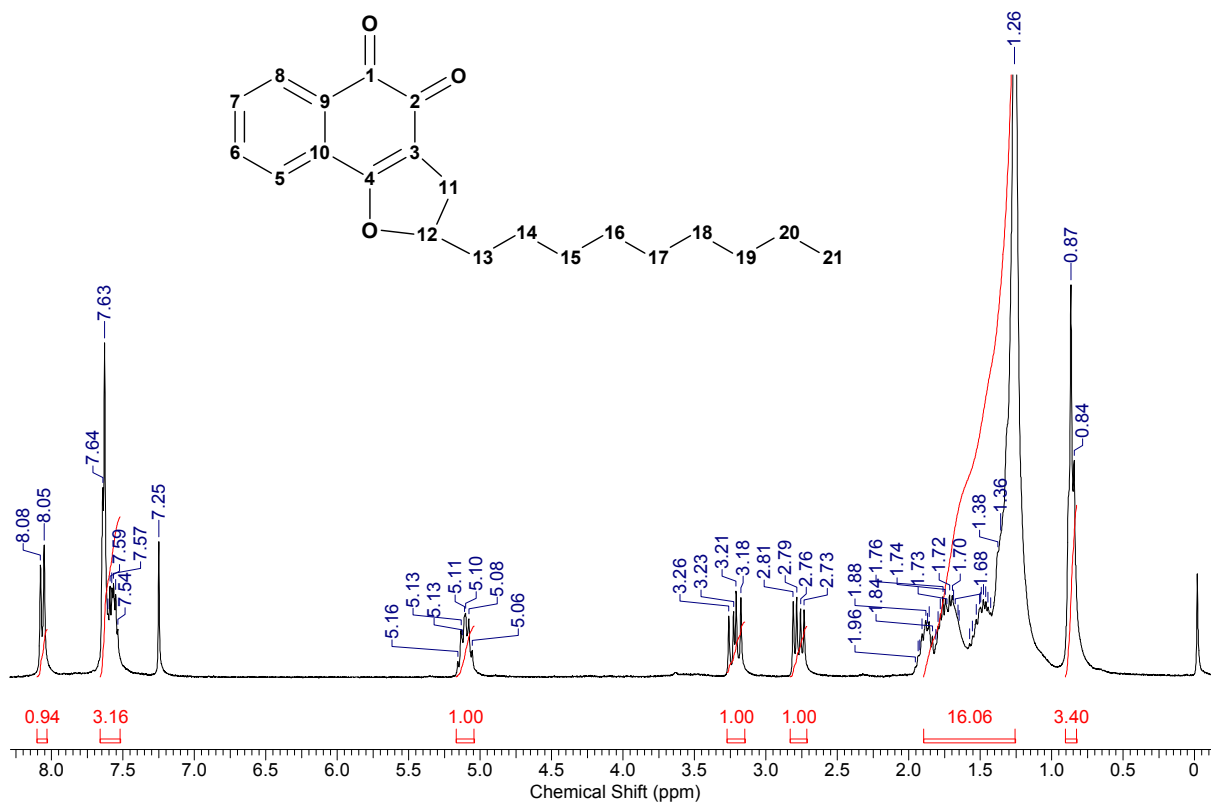
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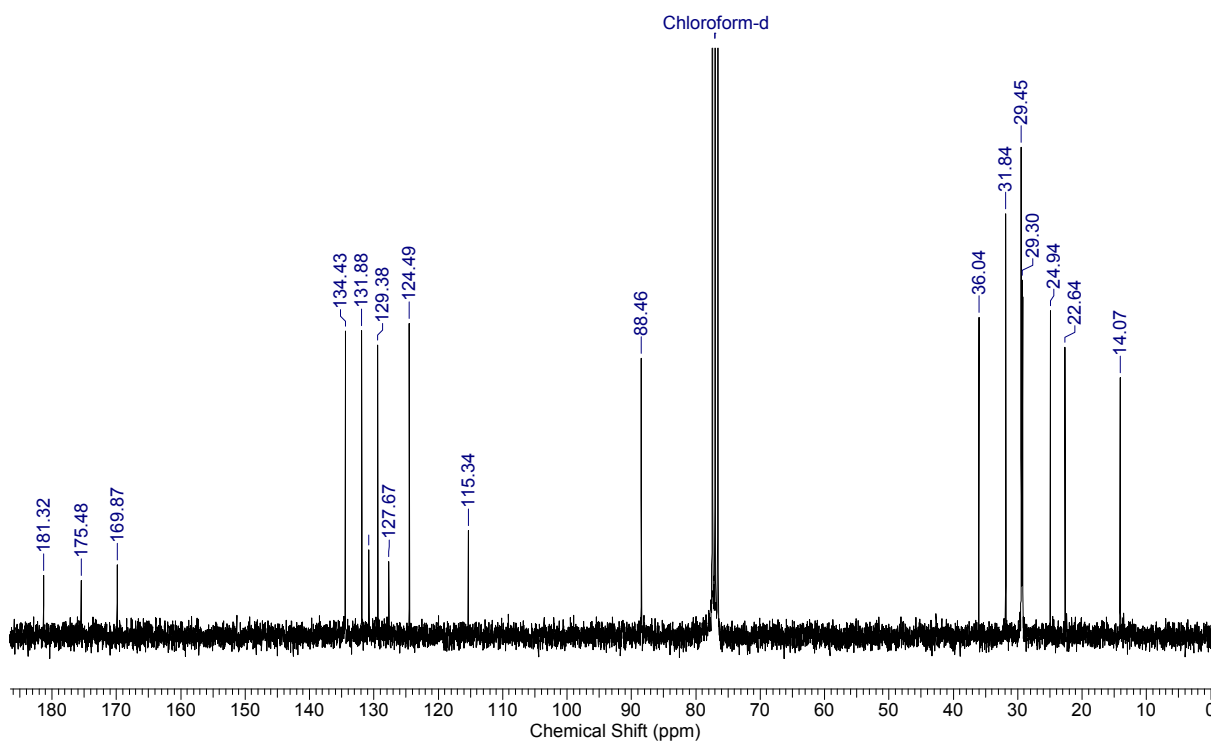
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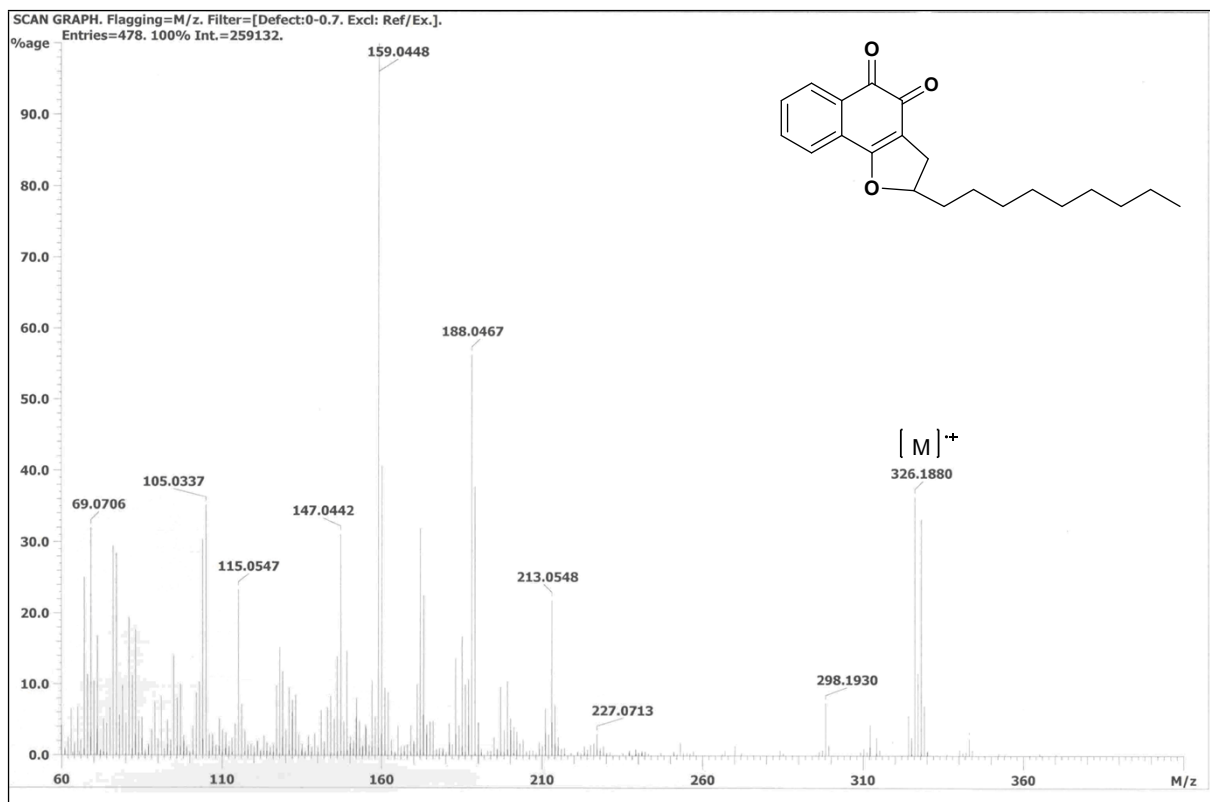
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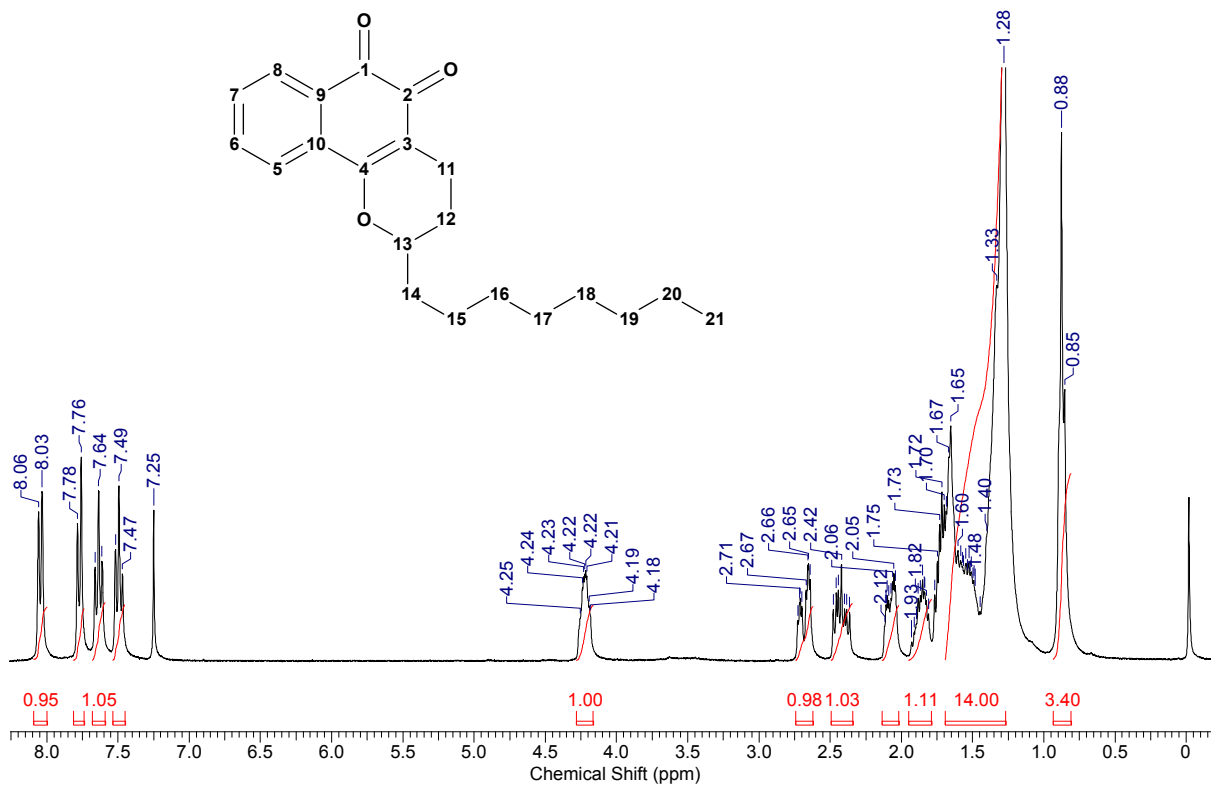
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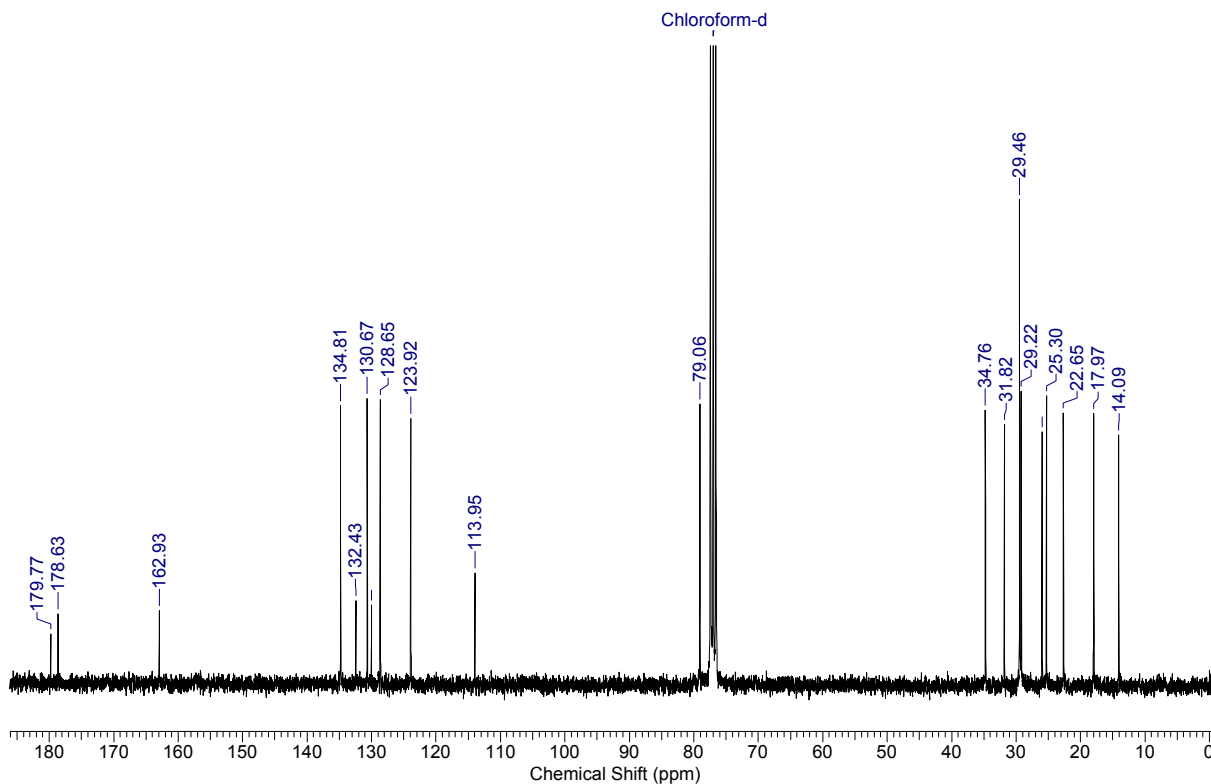
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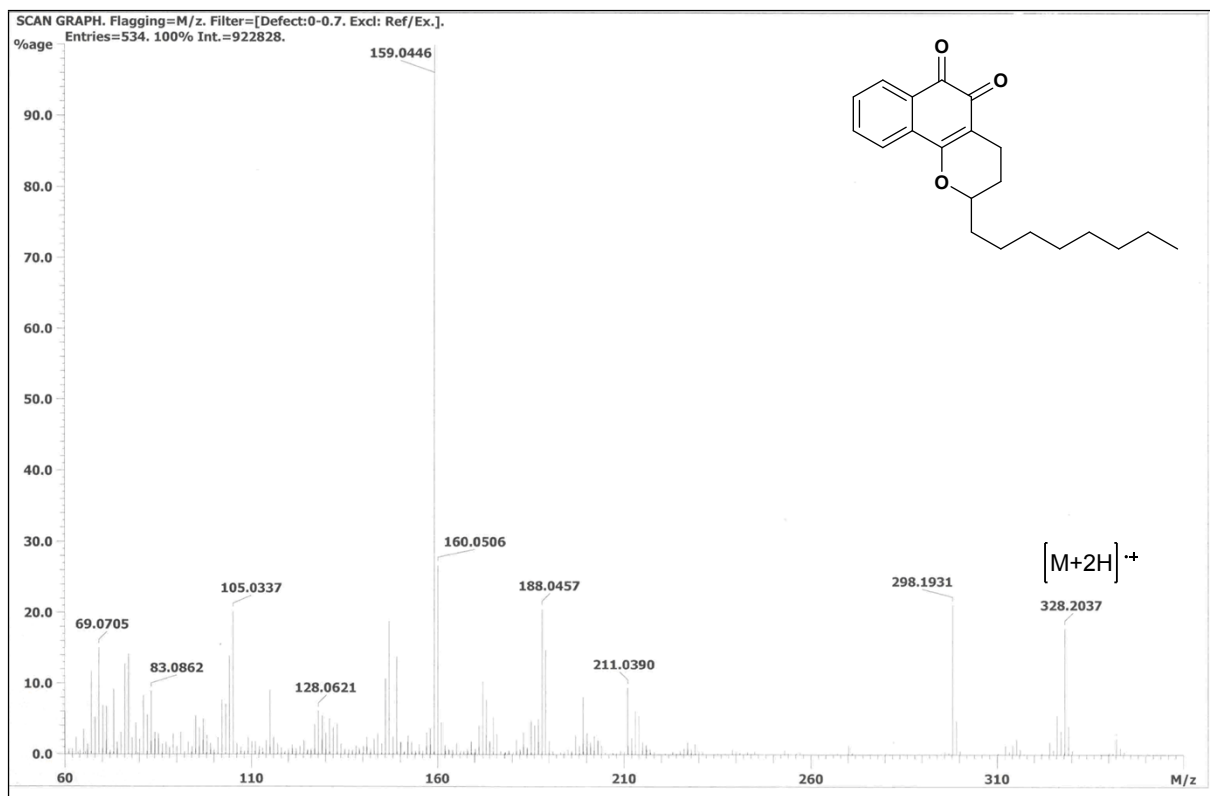
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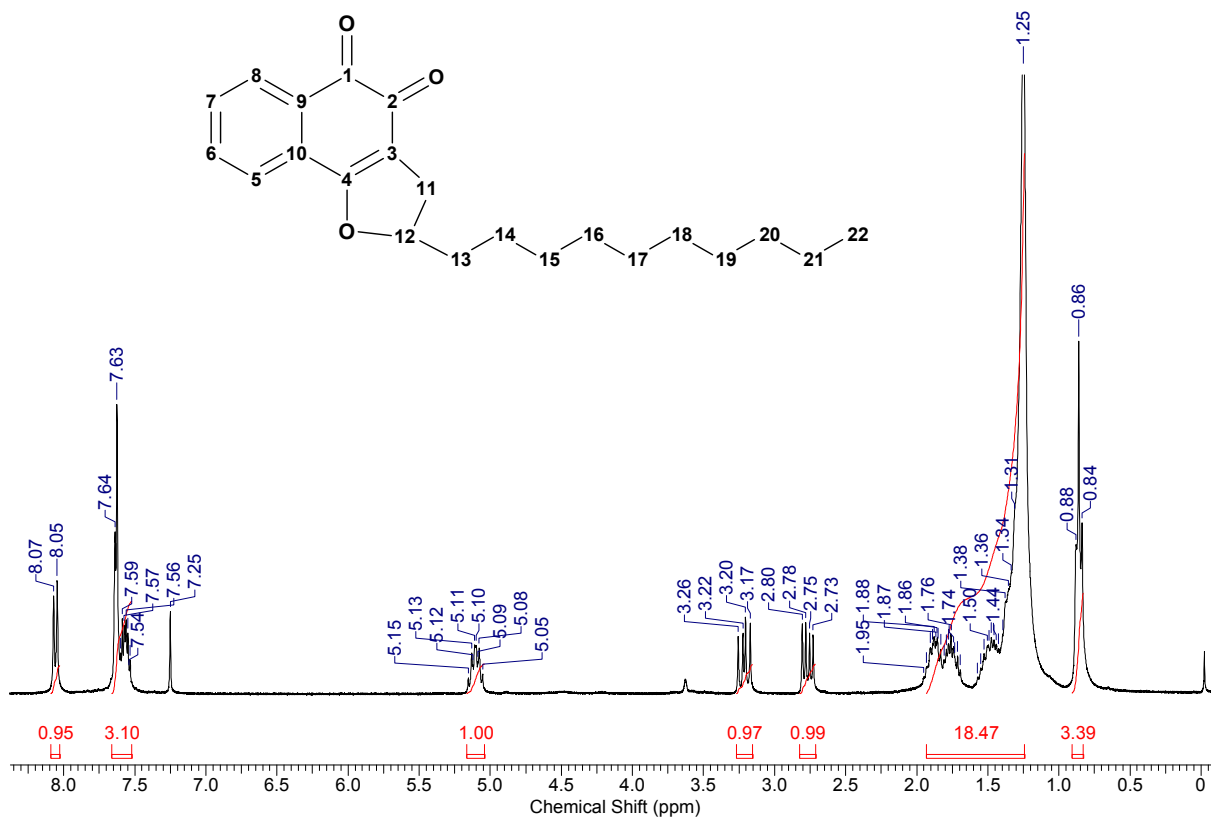
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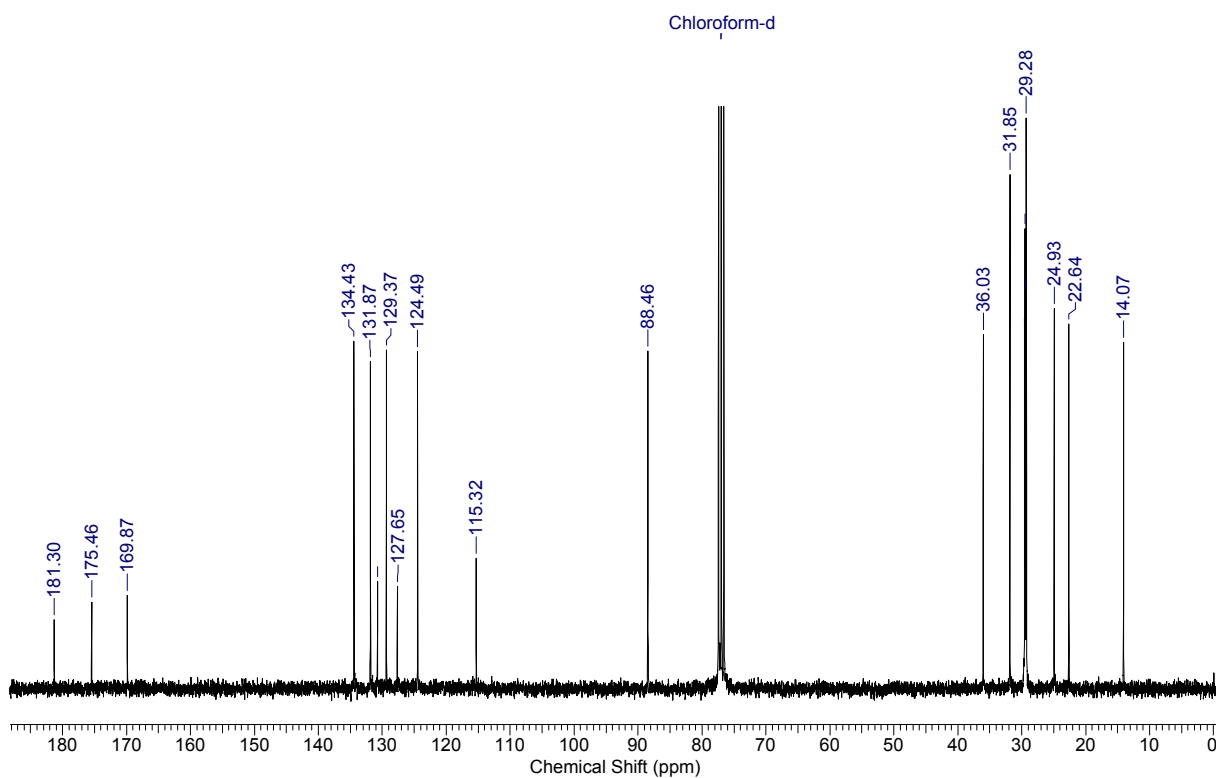
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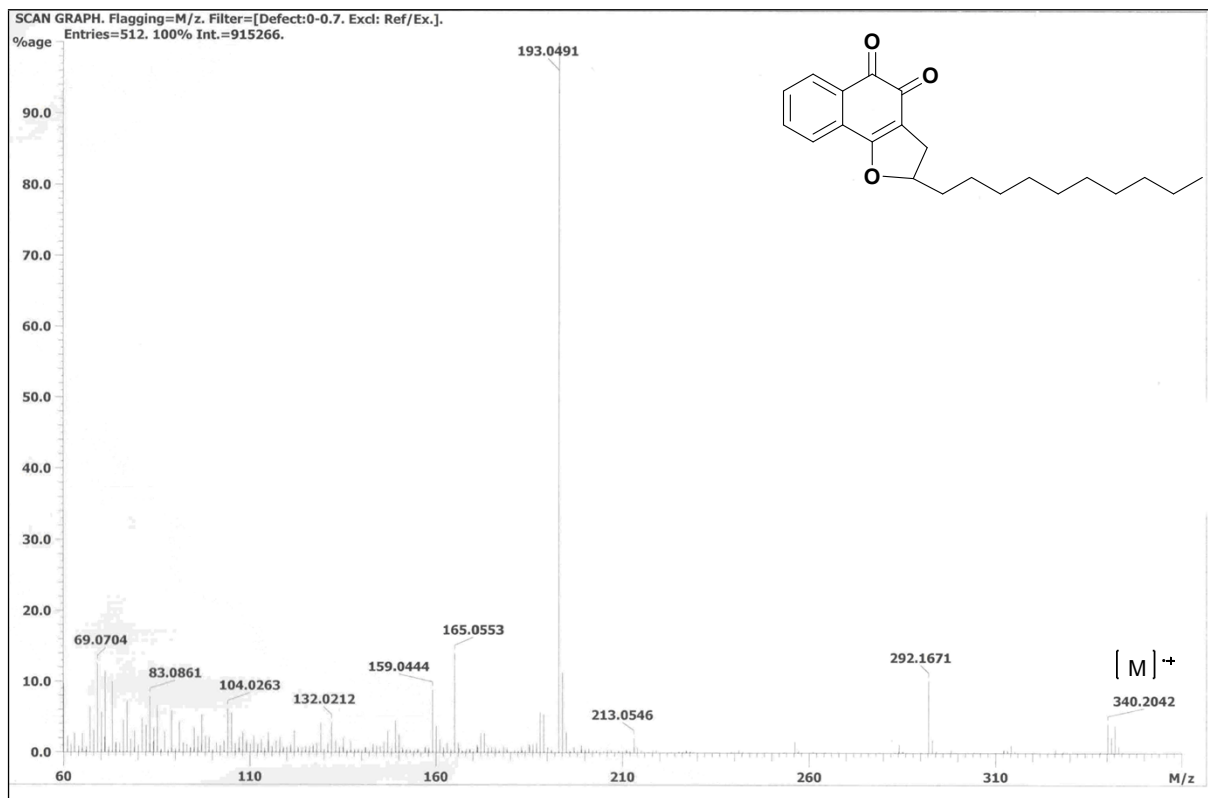
HRMS (EI) compound **12b**.



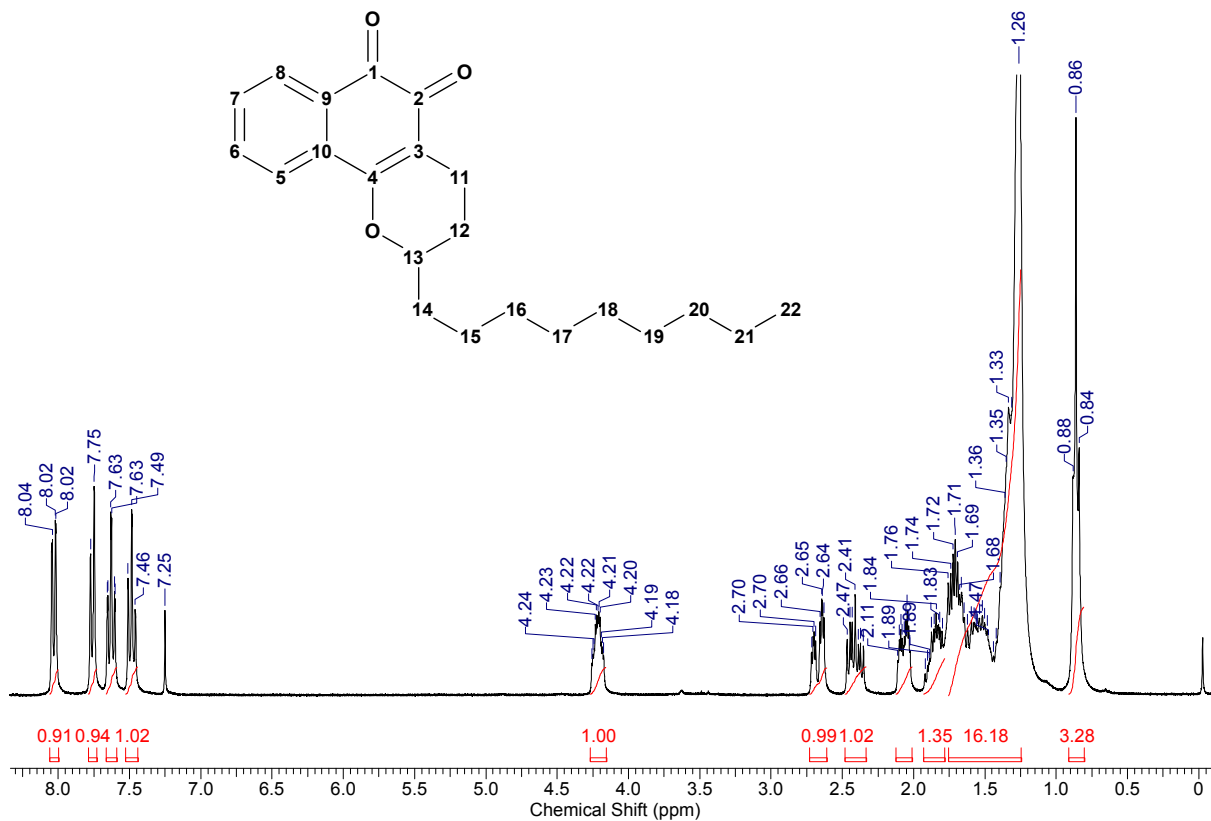
^1H NMR (300 MHz, CDCl_3) compound **13a**.



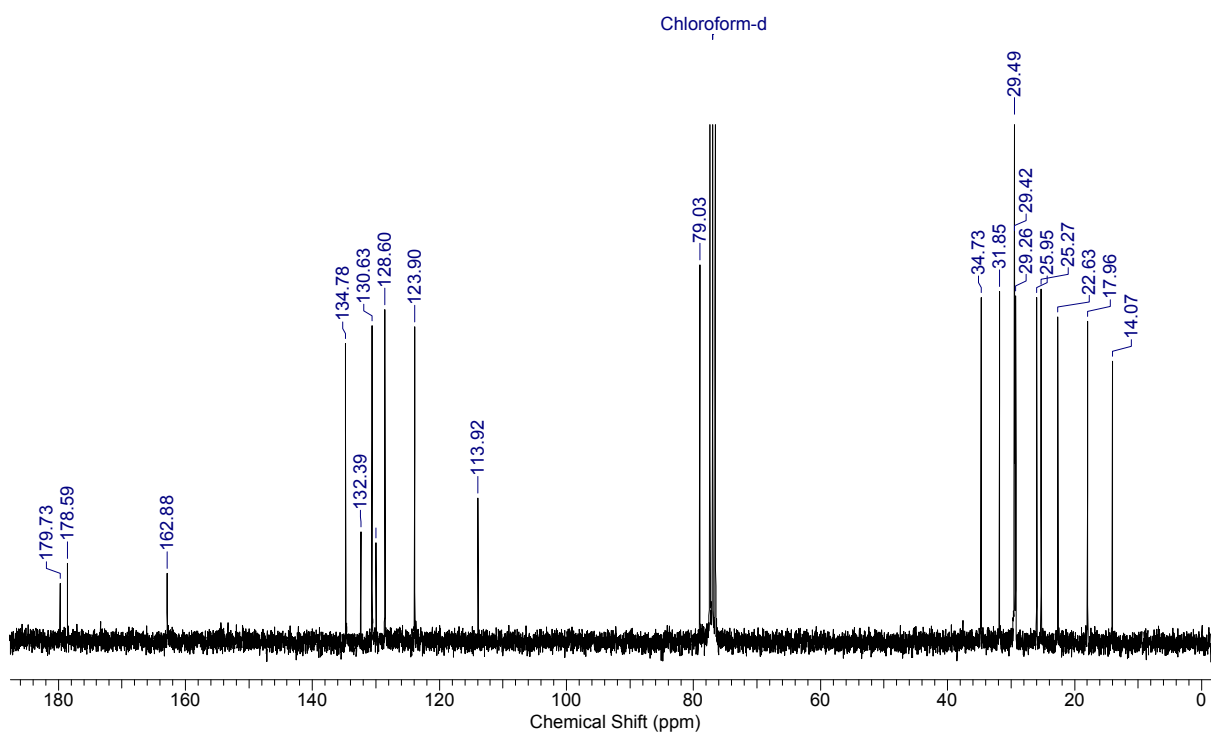
^{13}C NMR (300 MHz, CDCl_3) compound **13a**.



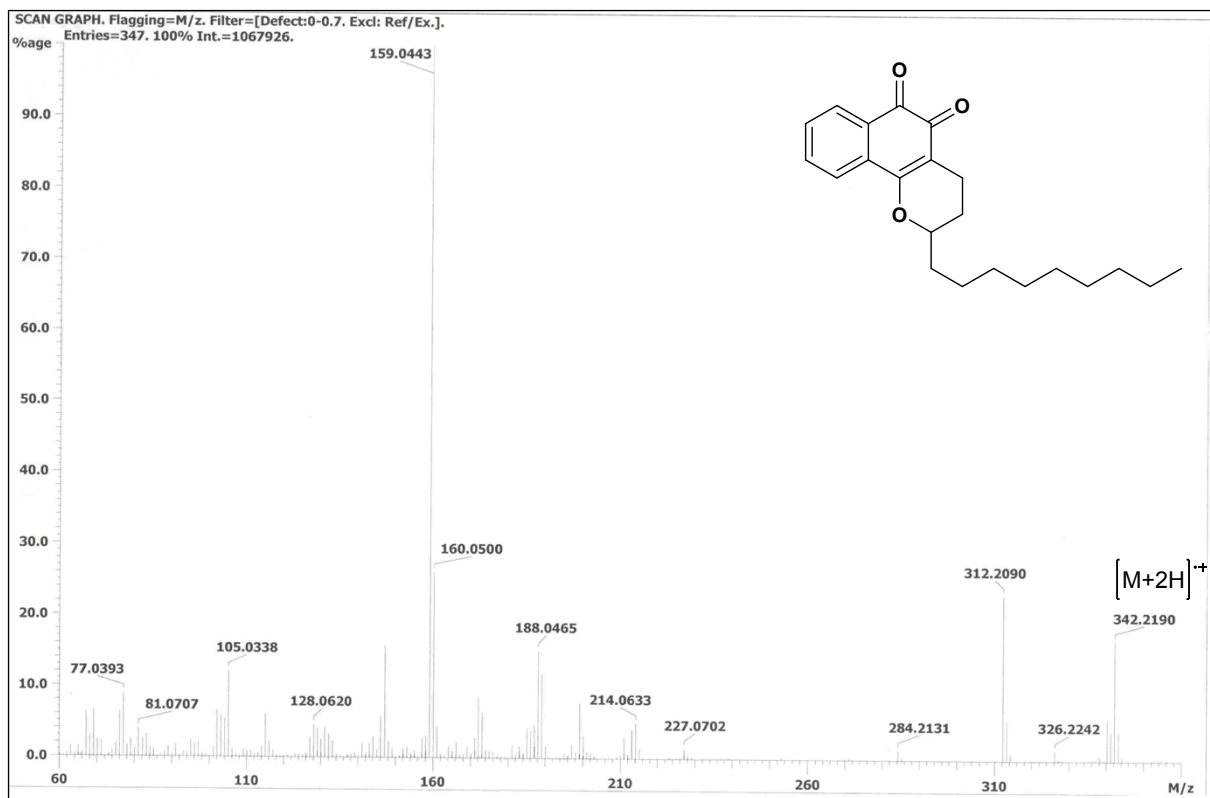
HRMS (EI) compound **13a**.



^1H NMR (300 MHz, CDCl_3) compound **13b**.



^{13}C NMR (300 MHz, CDCl_3) compound **13b**.



HRMS (EI) compound **13b**.