

Fast and Efficient One Step Synthesis of Dienamides.

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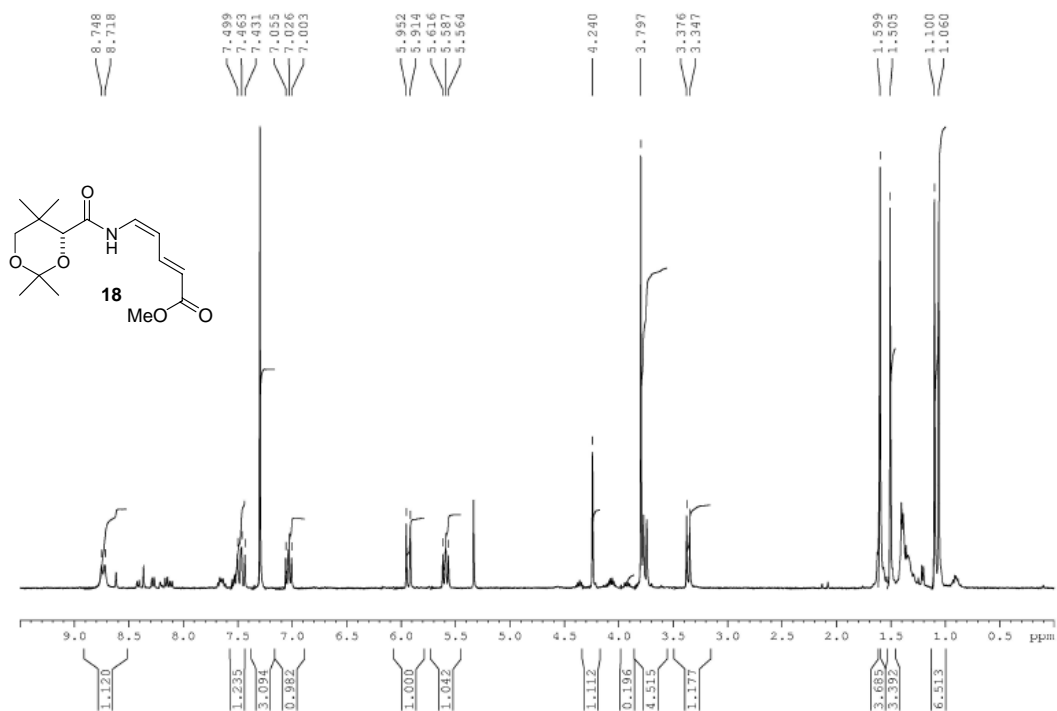
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Spectral data

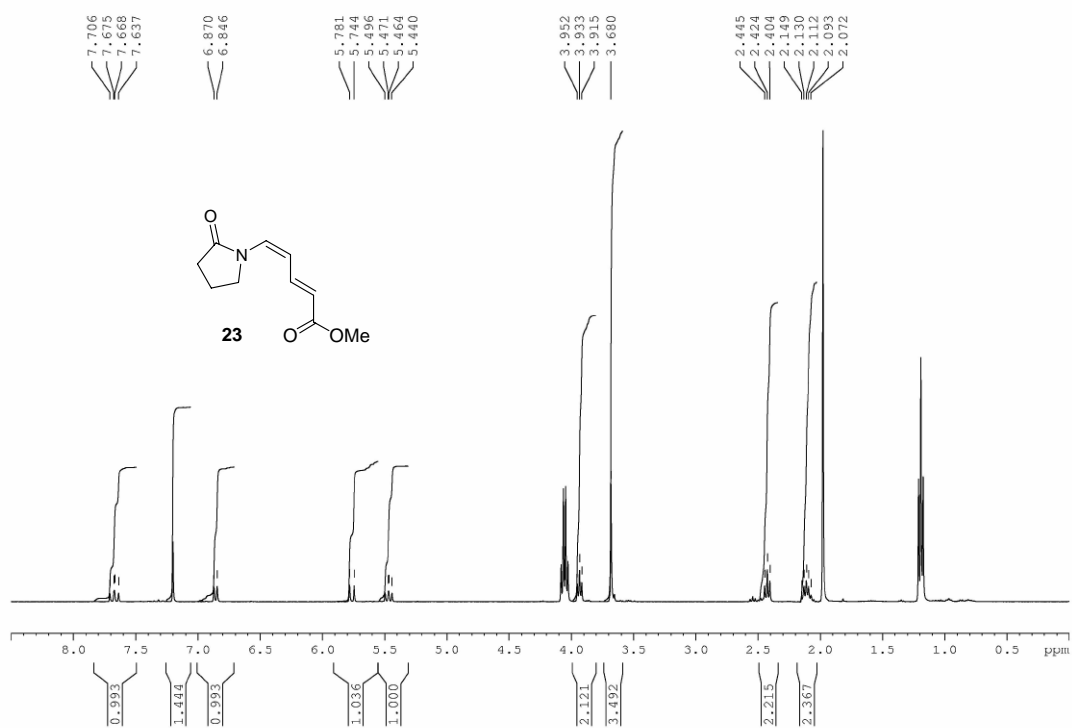
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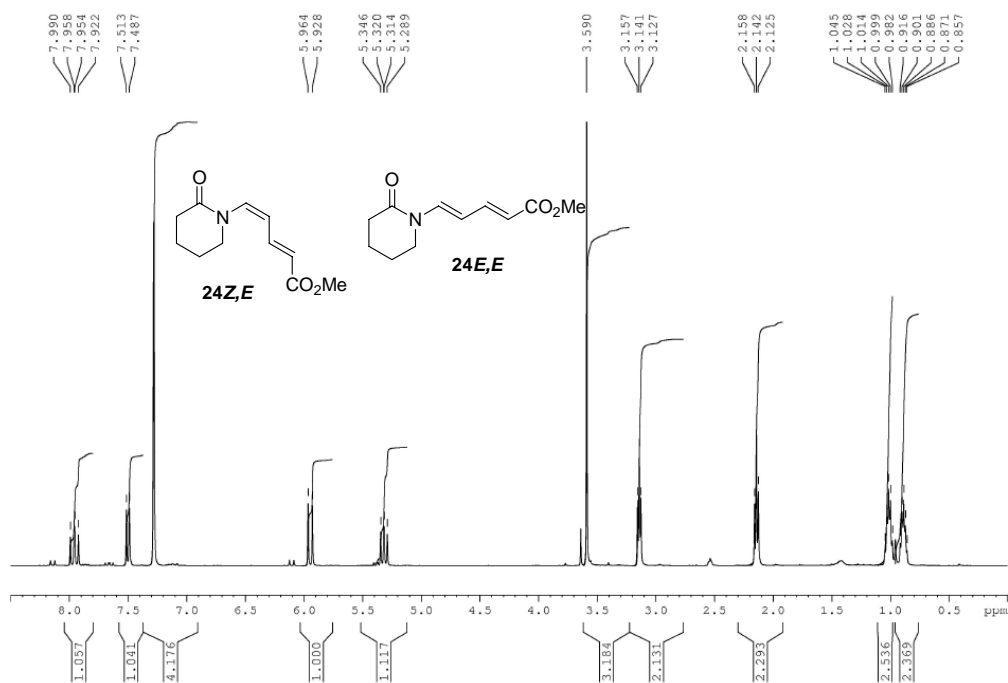
(2E,4Z) Methyl 5-((R)-2,2,5,5-tetramethyl-1,3-dioxane-4-carboxamido)penta-2,4-dienoate, 15.



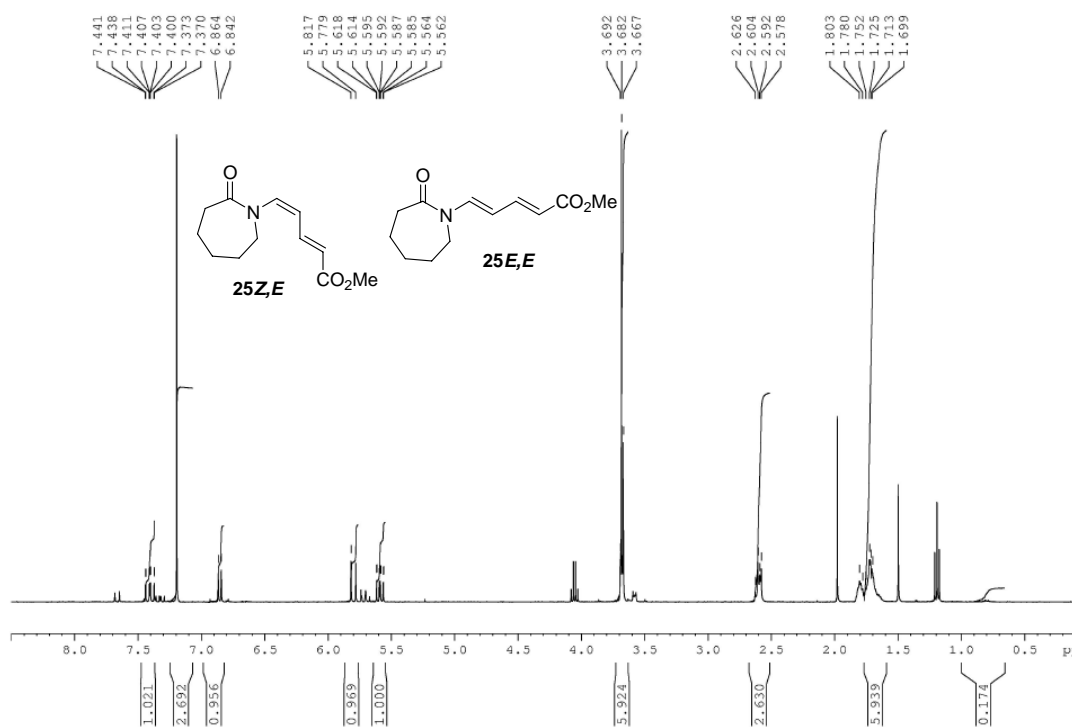
(2E,4Z) Methyl 5-(2-oxopyrrolidin-1-yl)penta-2,4-dienoate, 23.



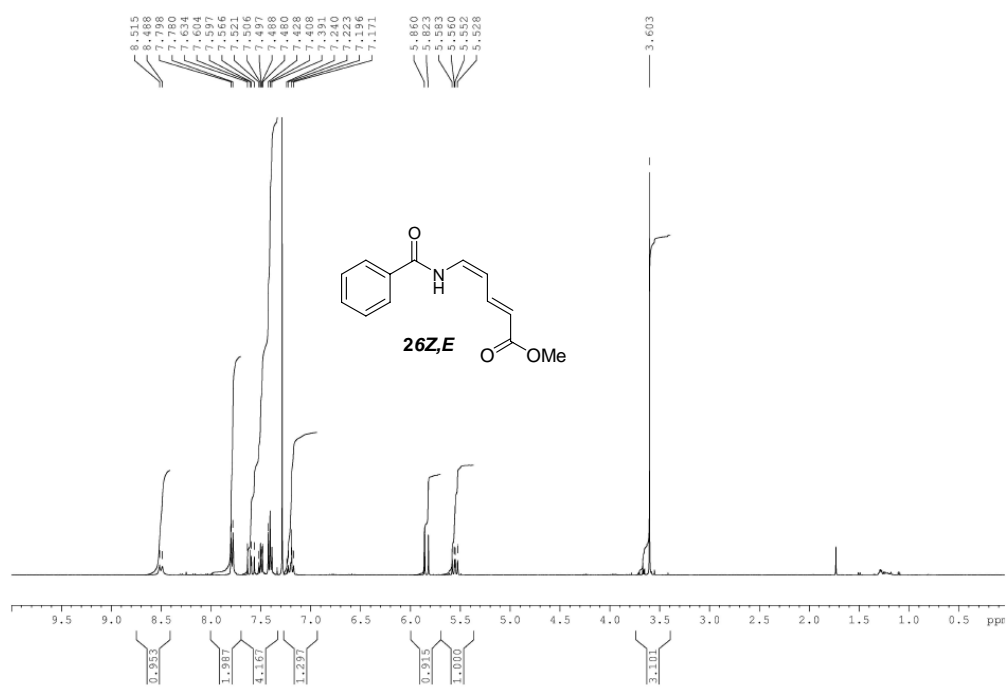
**(2*E*,4*Z*) Methyl 5-(2-oxopiperidin-1-yl)penta-2,4-dienoate, 24*Z,E*; and (2*E*,4*E*)
Methyl 5-(2-oxopiperidin-1-yl)penta-2,4-dienoate, 24*E,E*.**



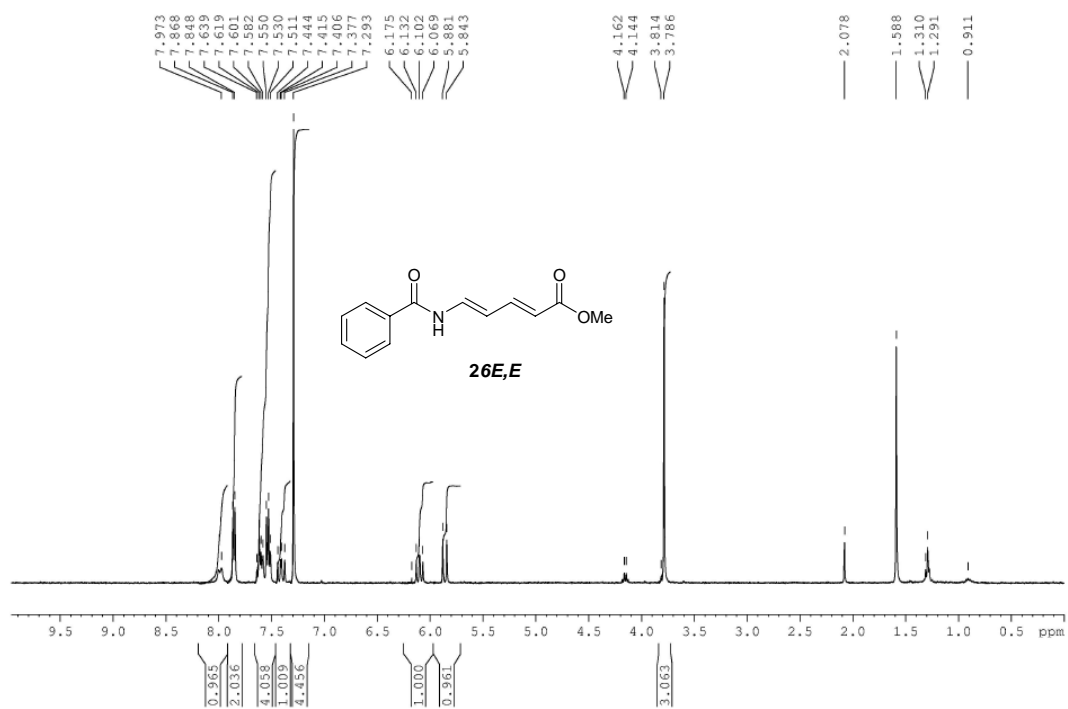
**(2*E*,4*Z*) Methyl 5-(2-oxoazepan-1-yl)penta-2,4-dienoate, 25*Z,E*; and (2*E*,4*E*)
Methyl 5-(2-oxoazepan-1-yl)penta-2,4-dienoate, 25*E,E*.**



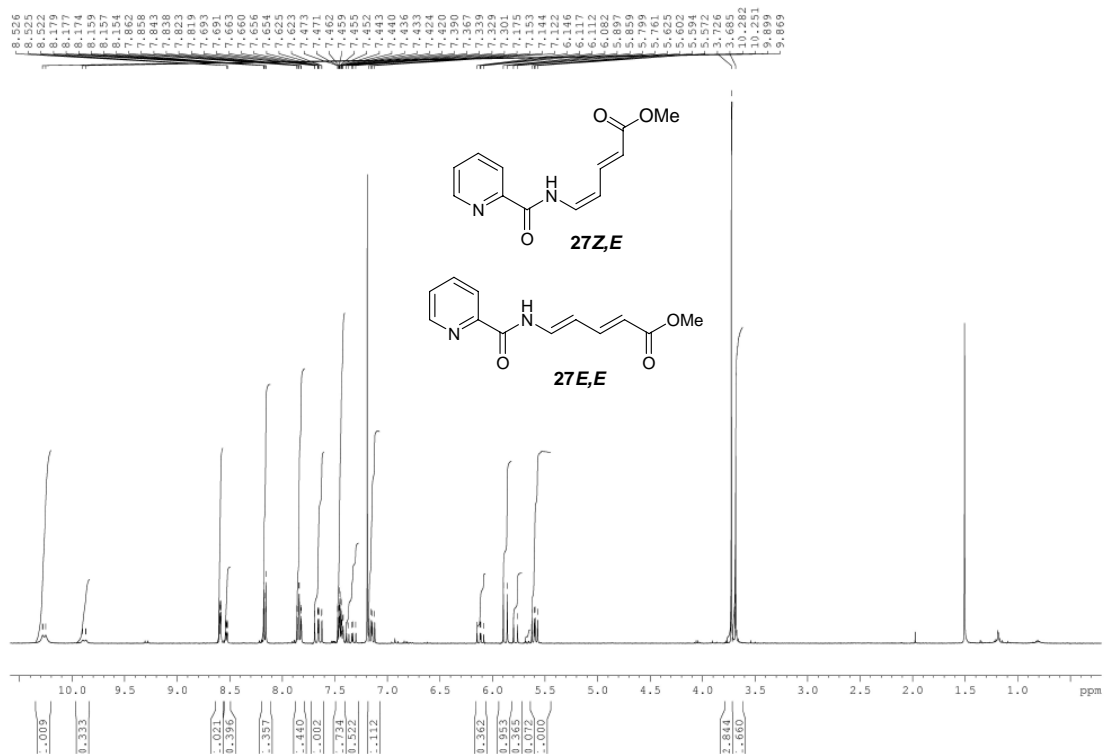
(2E,4Z) Methyl 5-benzamidopenta-2,4-dienoate, 26Z,E



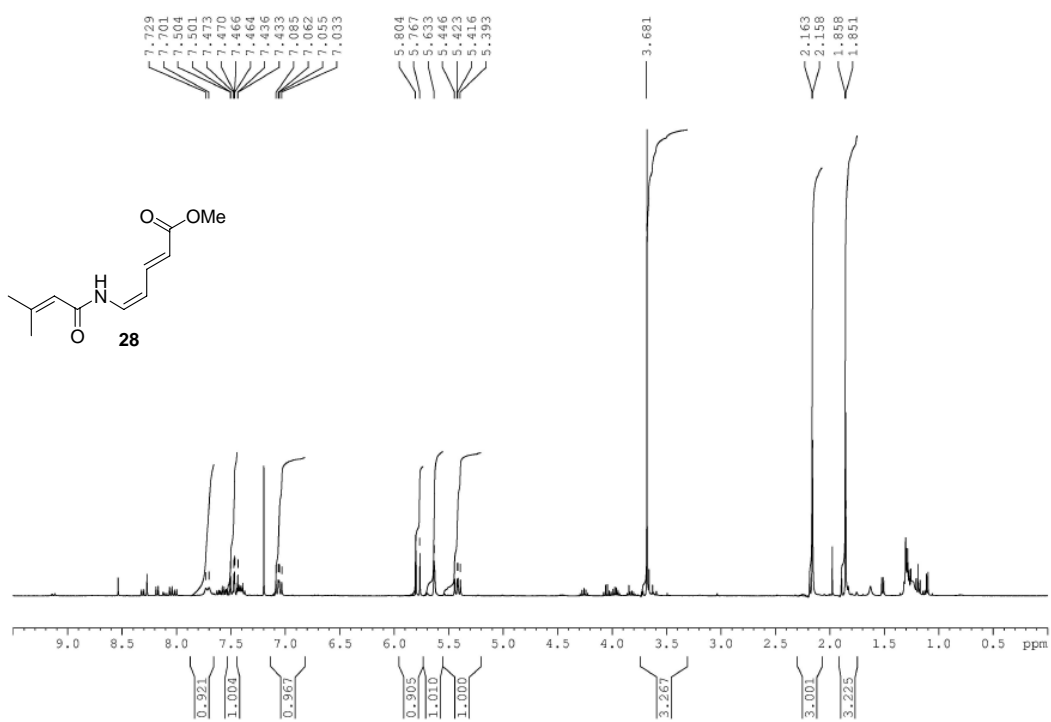
(2E,4E) Methyl 5-benzamidopenta-2,4-dienoate, 26E,E



(2E,4Z) Methyl 5-(picolinamido)penta-2,4-dienoate, 27Z,E; and (2E,4E) Methyl 5-(picolinamido)penta-2,4-dienoate, 27E,E.



(2E,4Z) Methyl 5-(3-methylbut-2-enamido)penta-2,4-dienoate, 28.



(2E,4Z) Methyl 5-butyramidopenta-2,4-dienoate, 29

