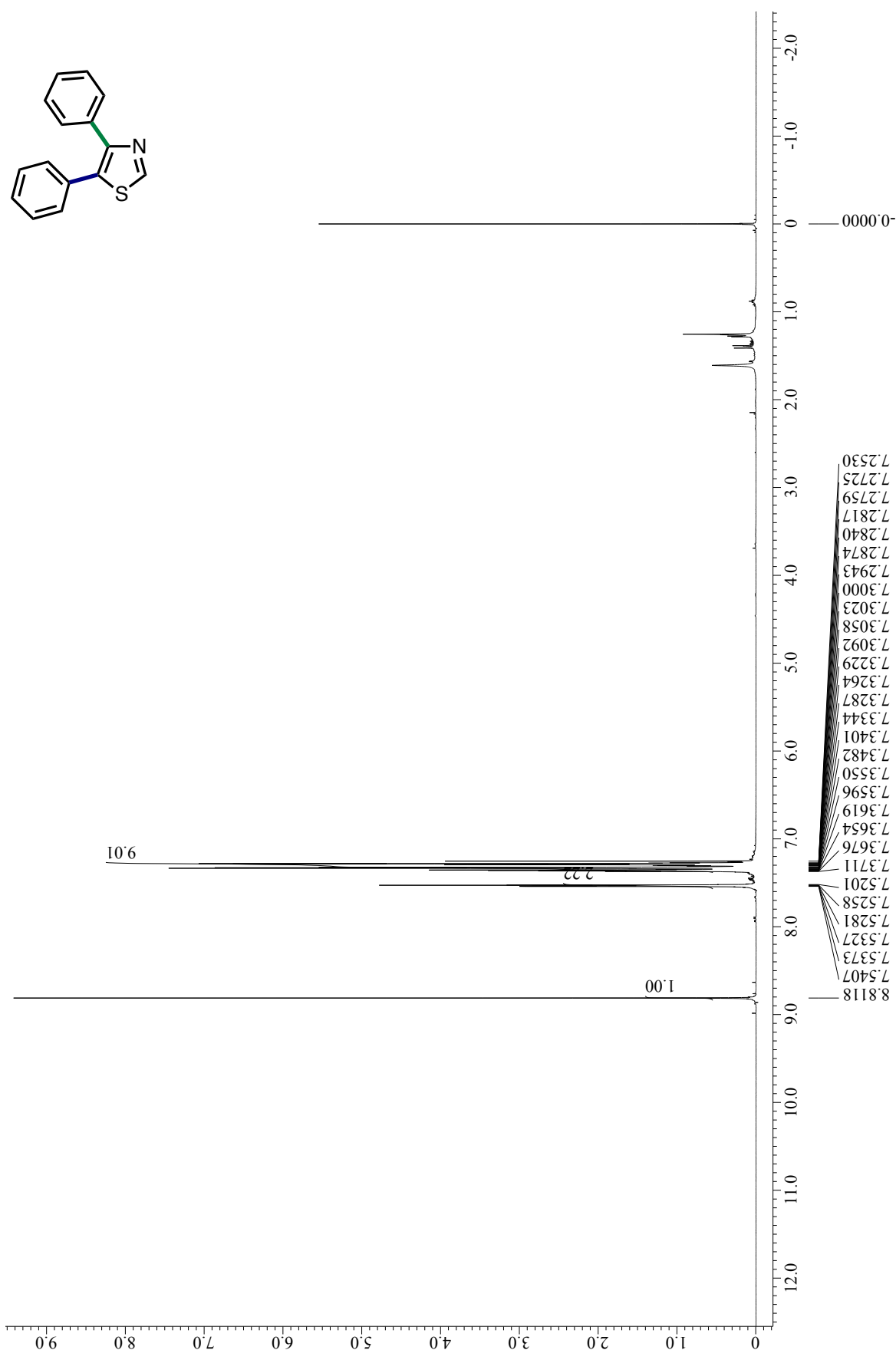
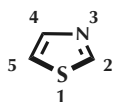


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

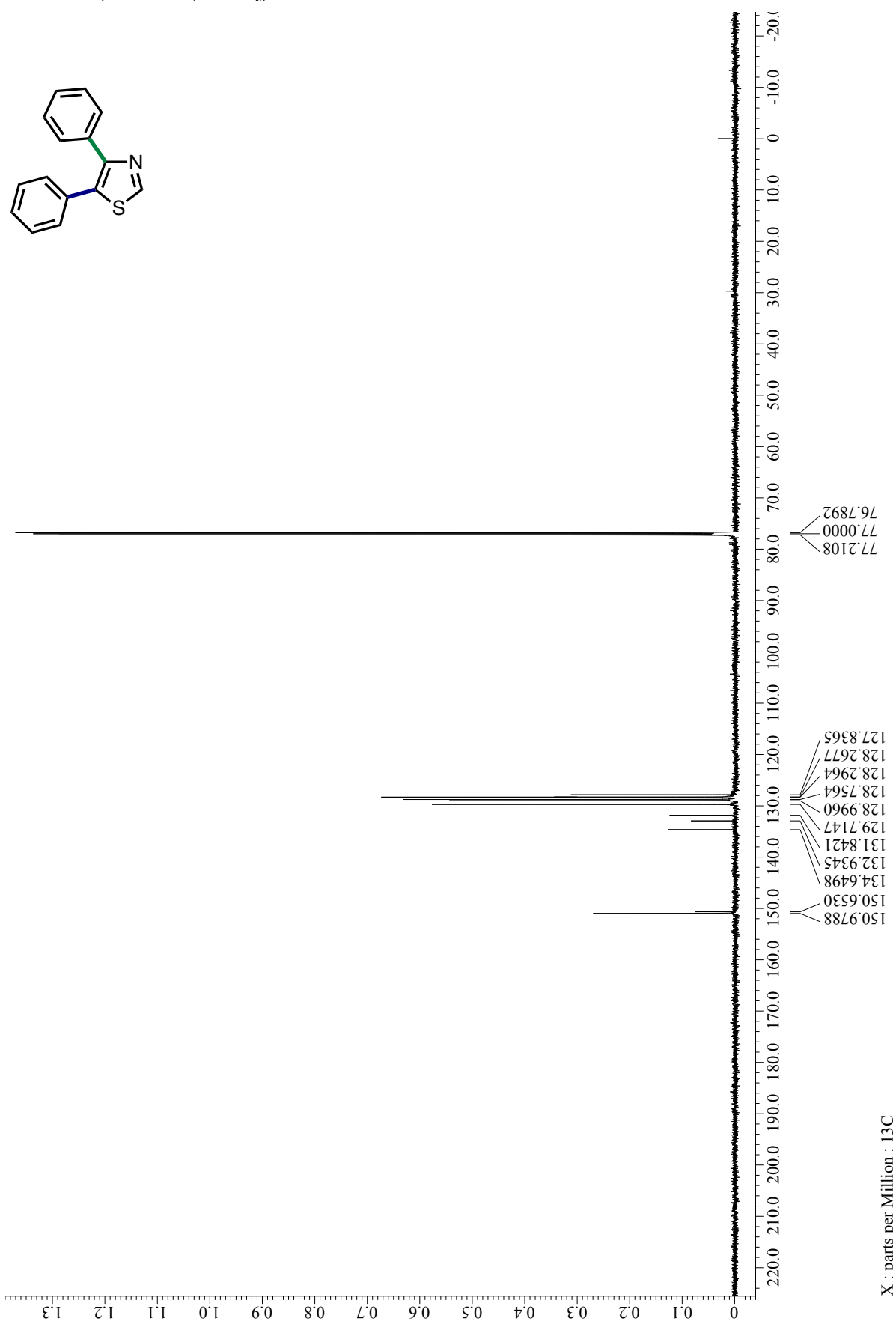
¹H NMR (600 MHz, CDCl₃) of 12aa

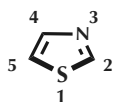


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



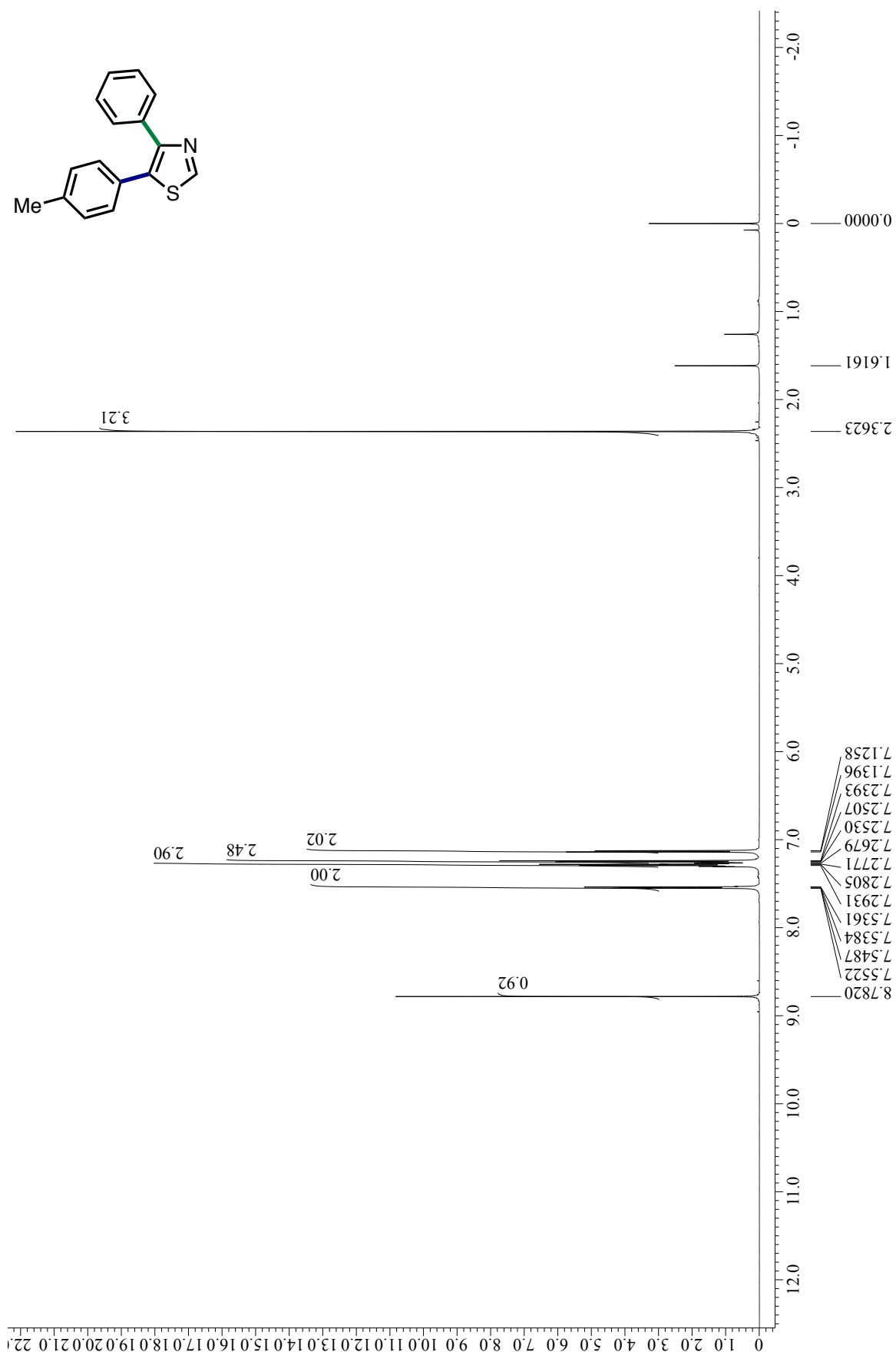
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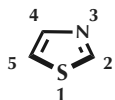




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

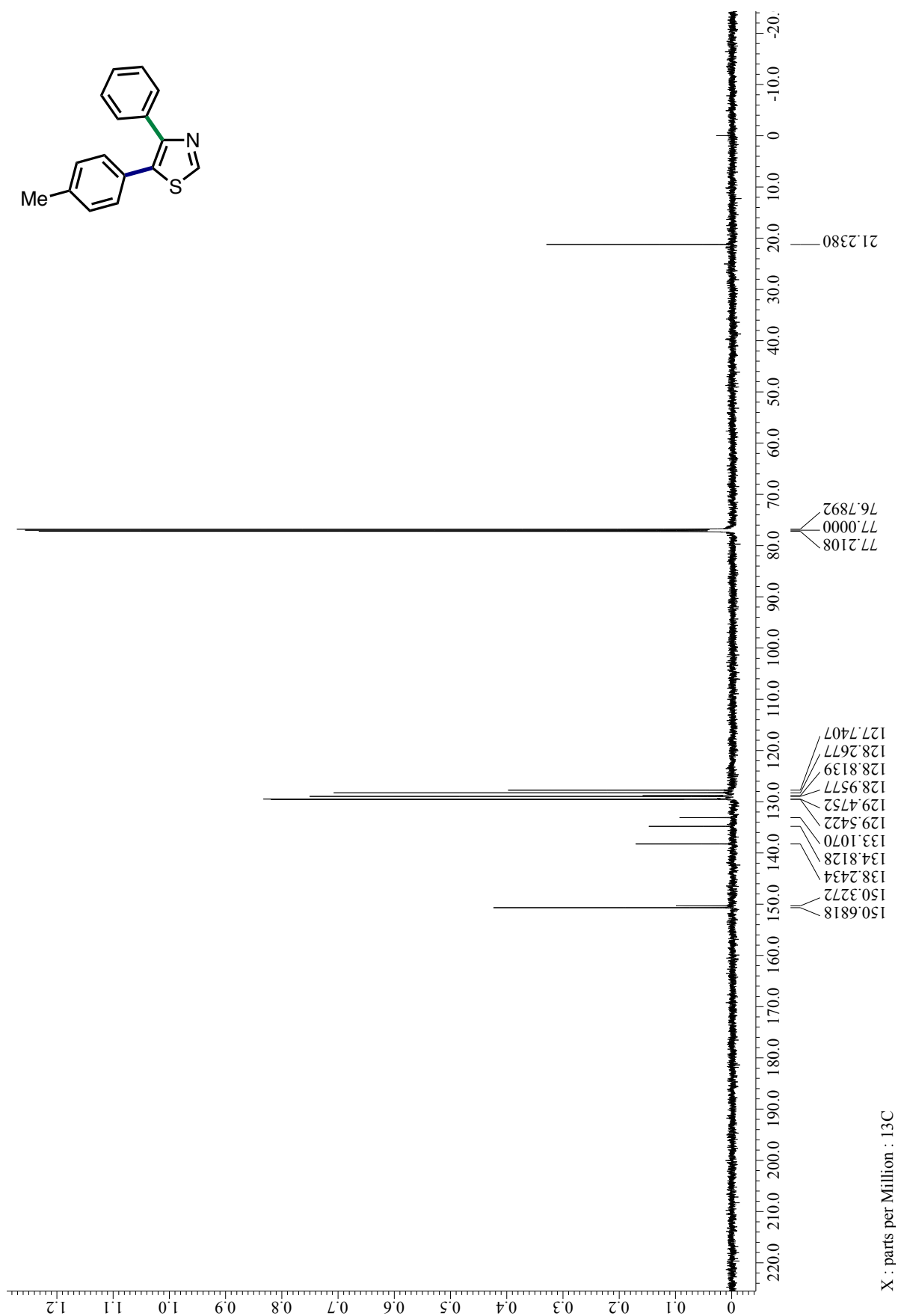
^1H NMR (600 MHz, CDCl_3) of 12ab

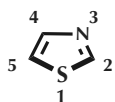




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

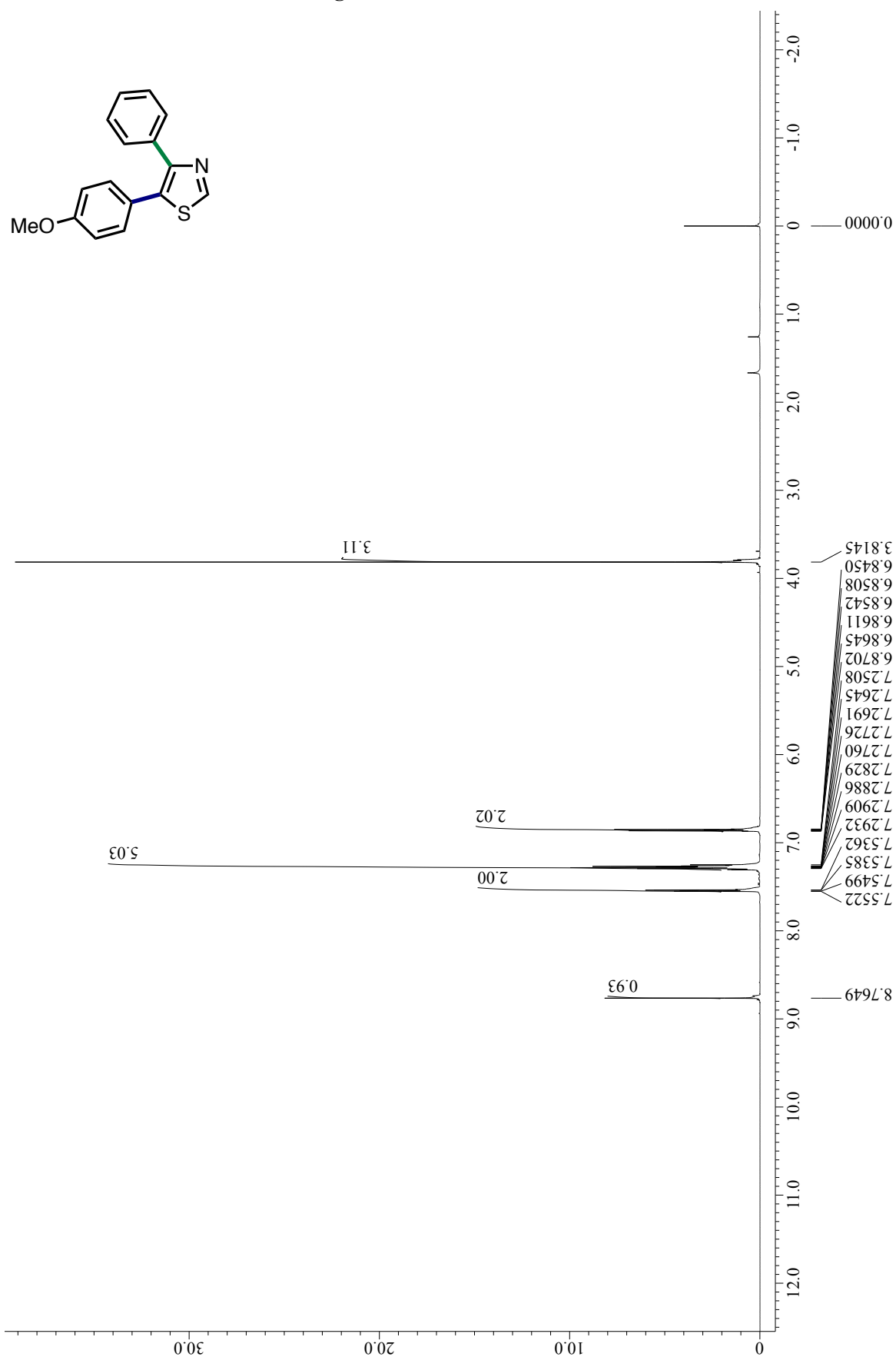
¹³C NMR (150 MHz, CDCl₃) of 12ab

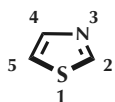




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

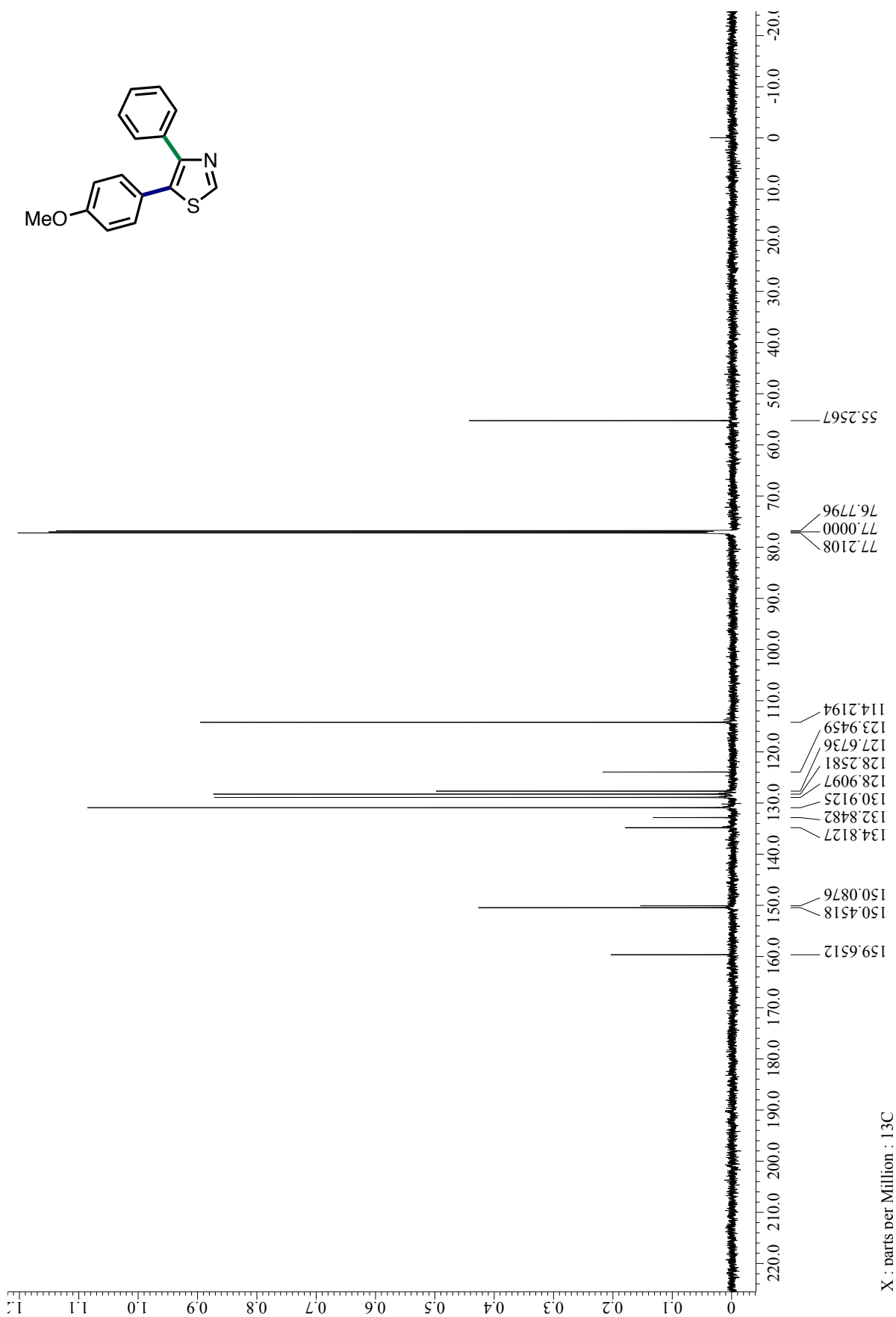
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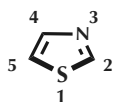




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

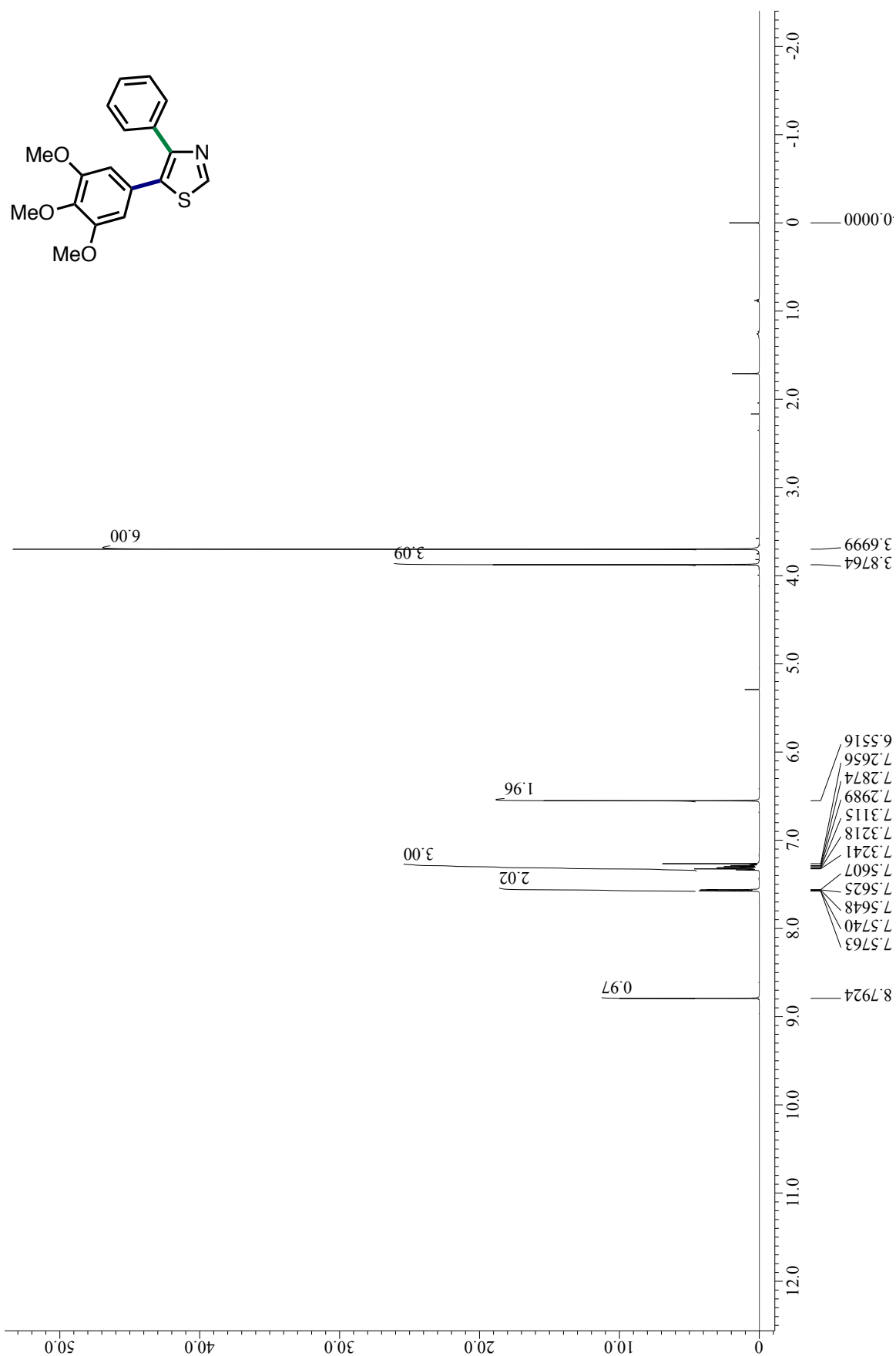
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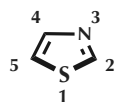




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

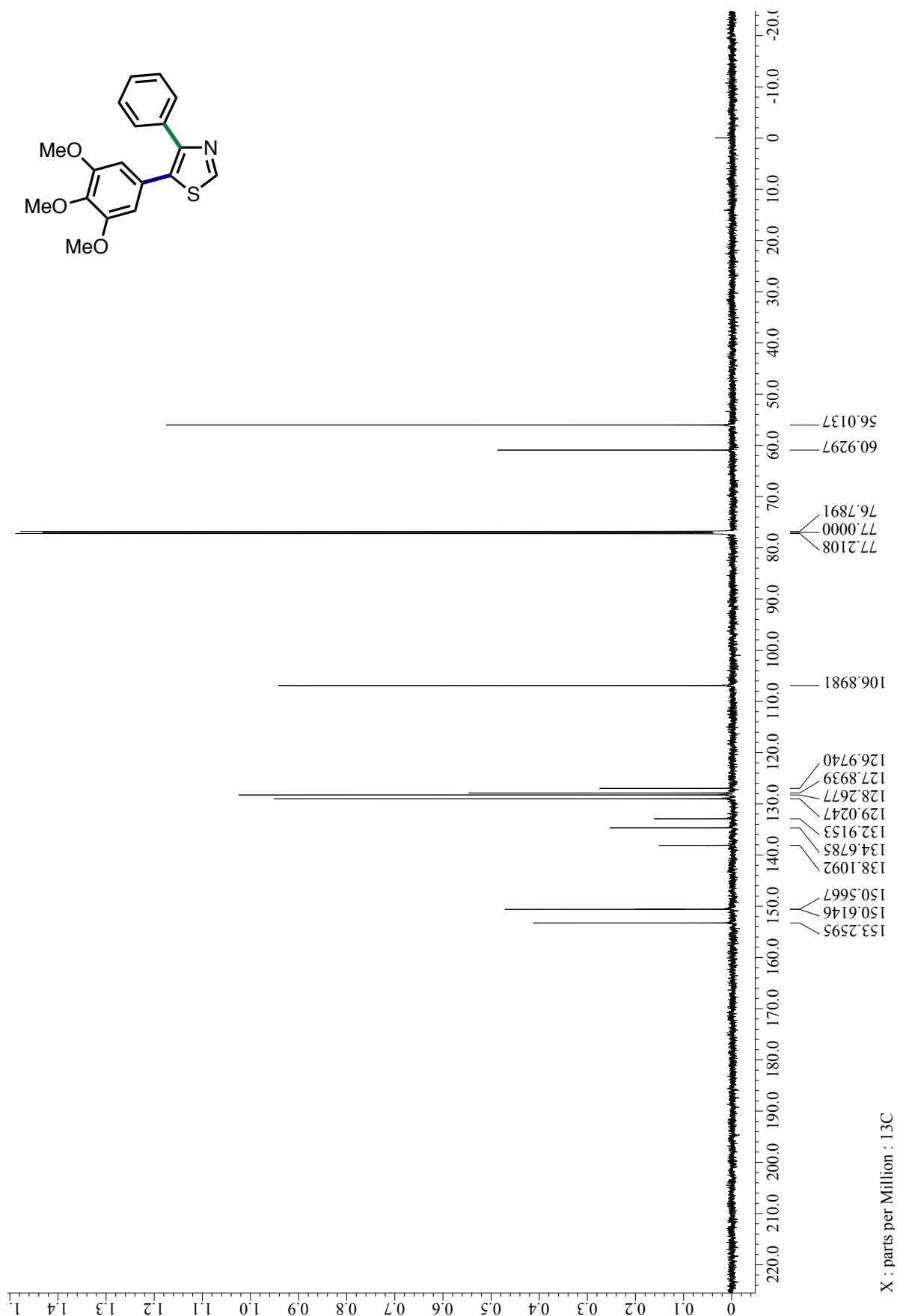
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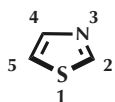




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

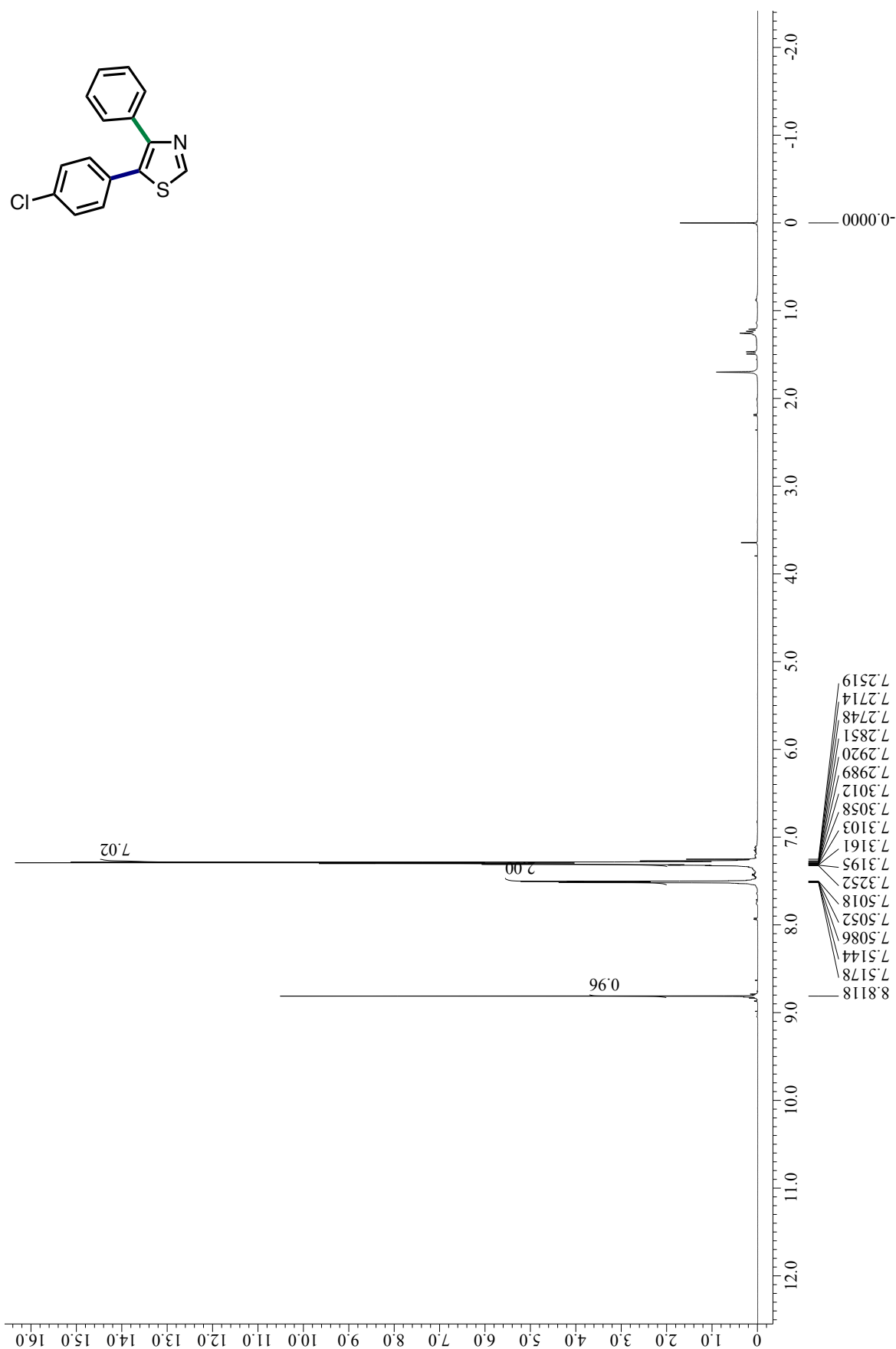
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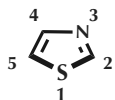




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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

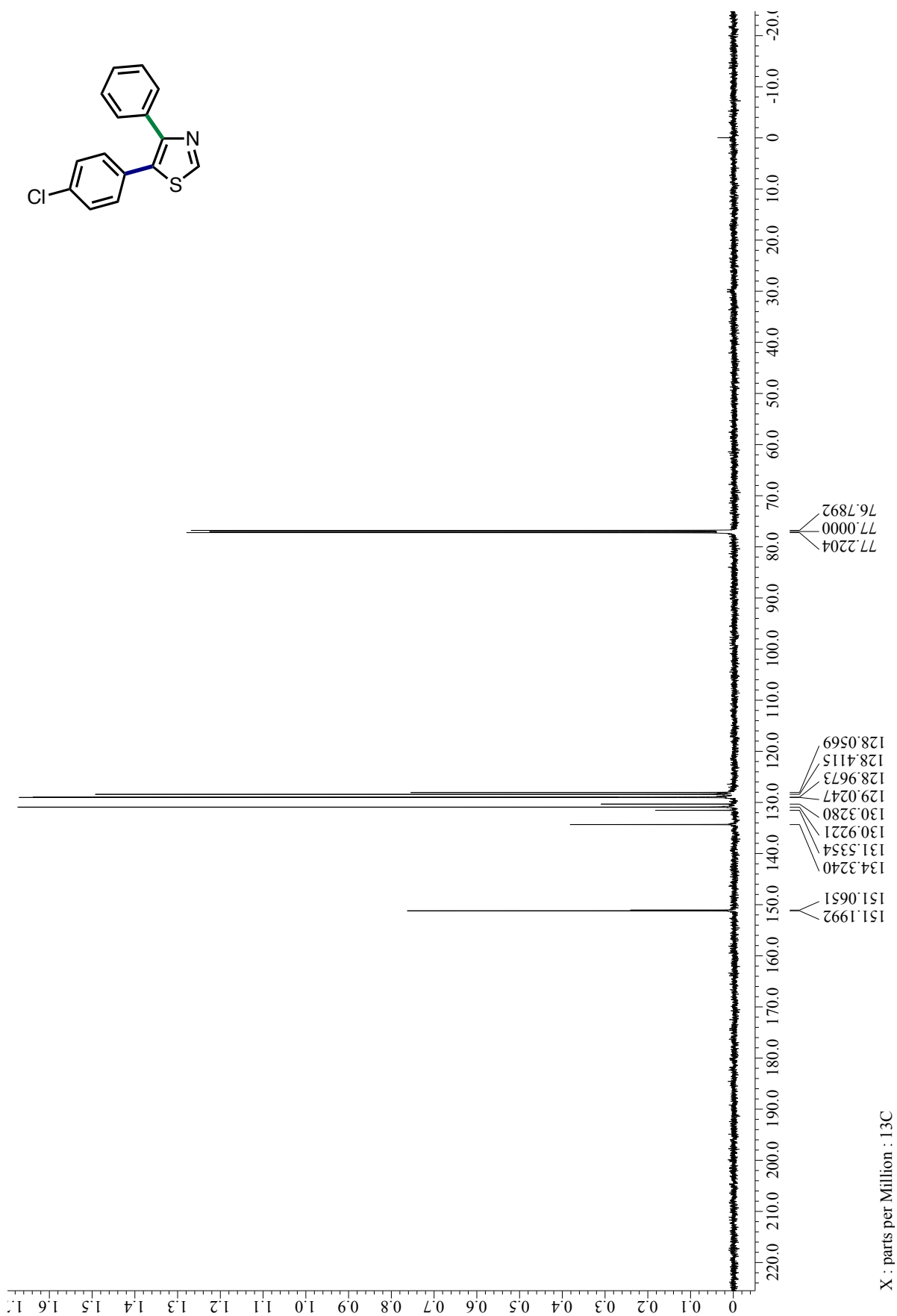
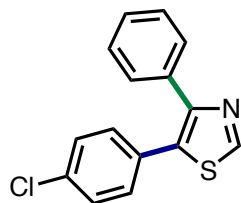
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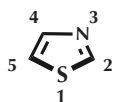


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

^{13}C NMR (150 MHz, CDCl_3) of 12aj

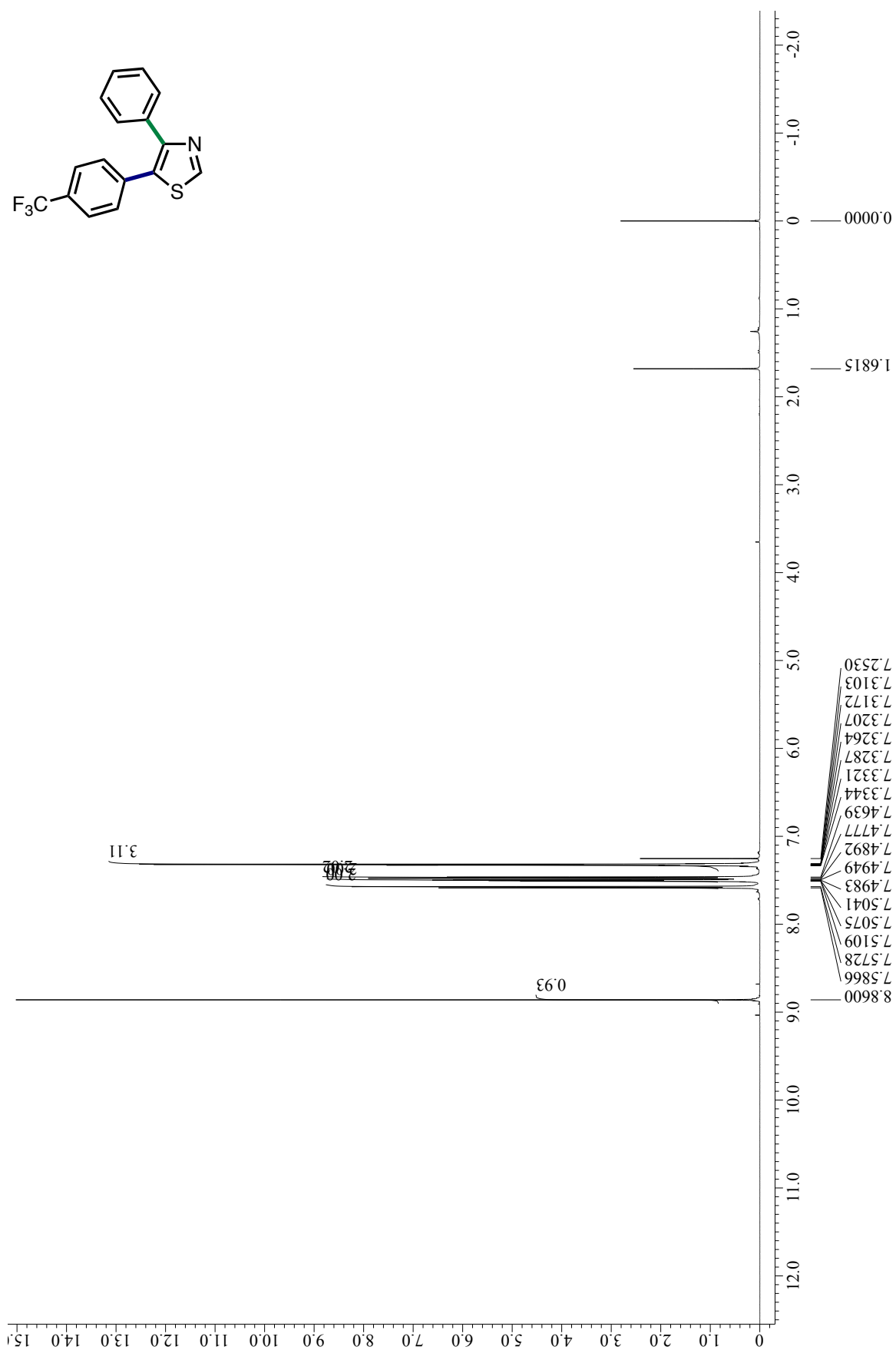


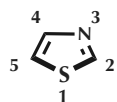
X : parts per Million : ^{13}C



Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

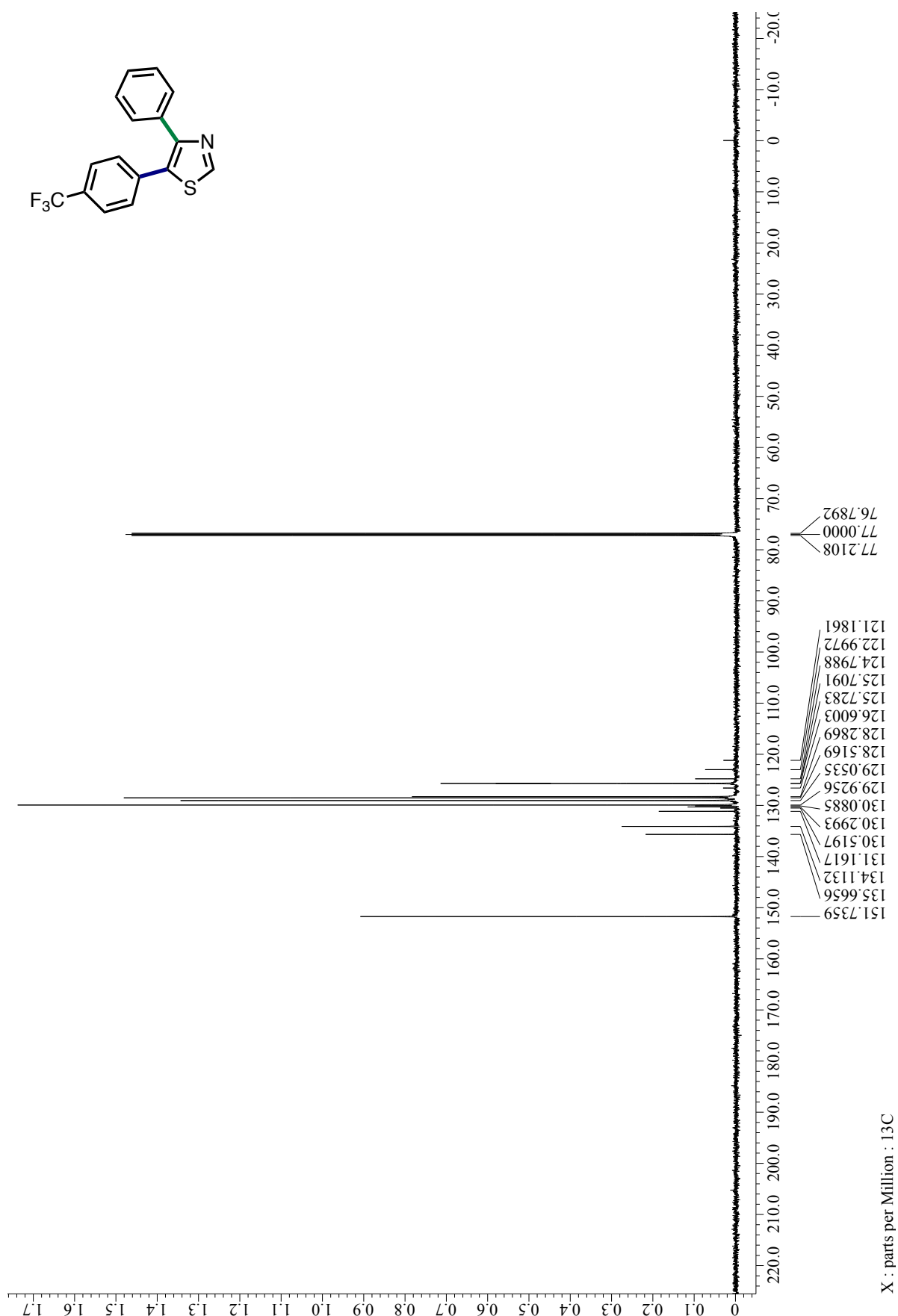
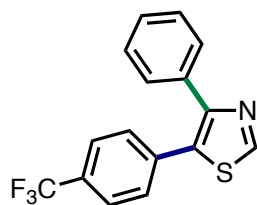
¹H NMR (600 MHz, CDCl₃) of 12ak



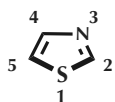


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

¹³C NMR (150 MHz, CDCl₃) of 12ak

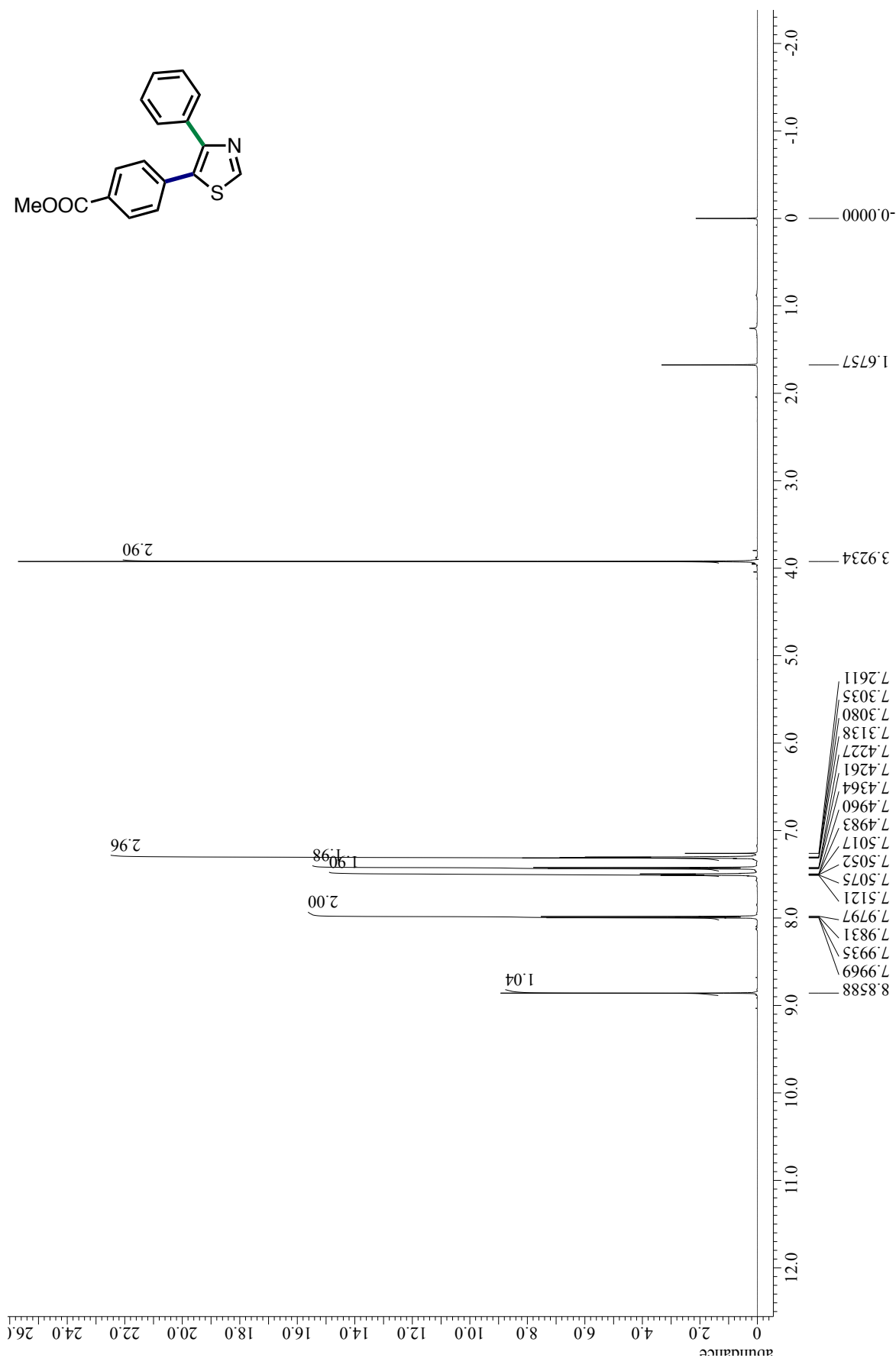


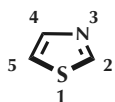
X : parts per Million : 13C



Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

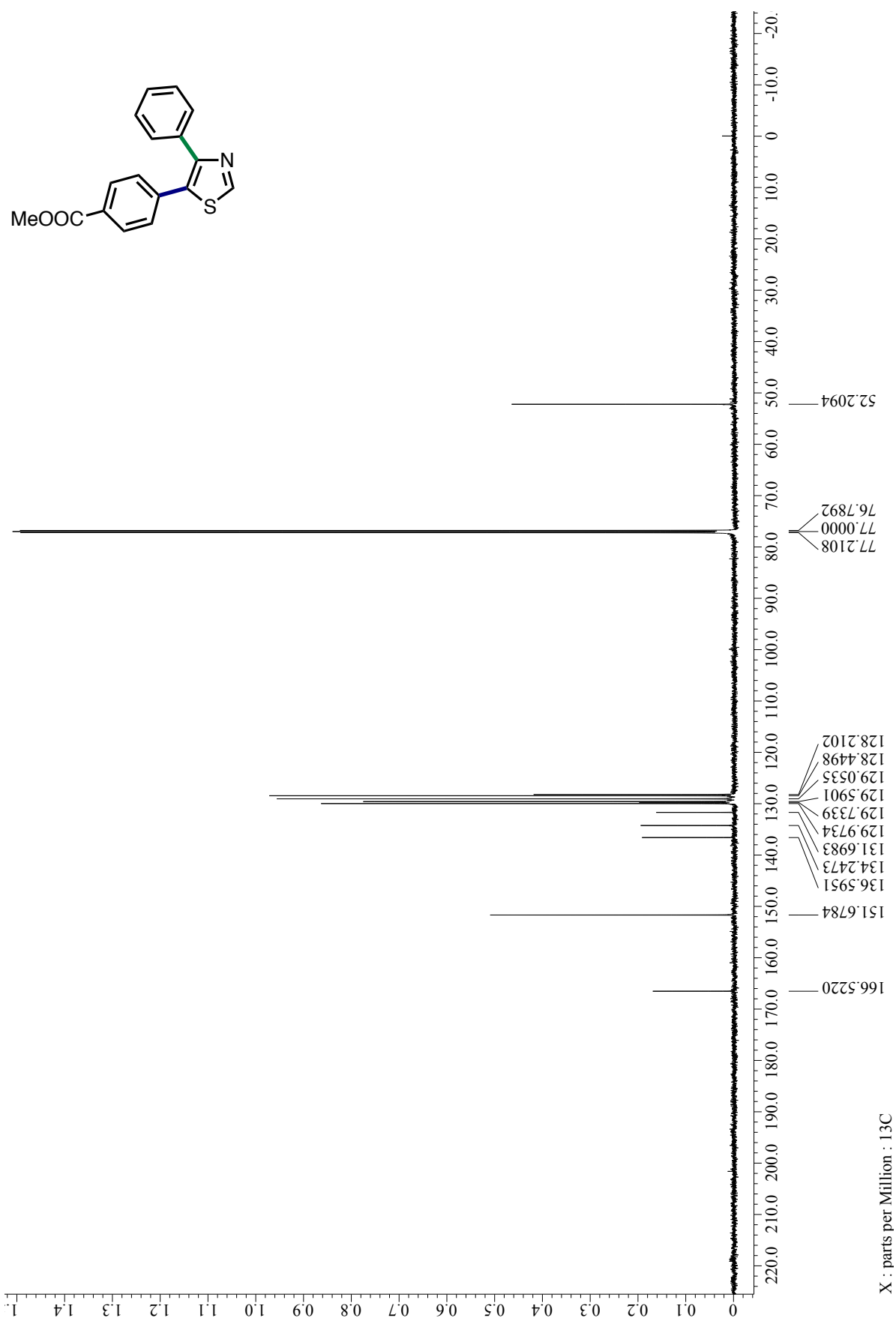
¹H NMR (600 MHz, CDCl₃) of 12an

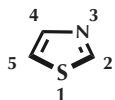




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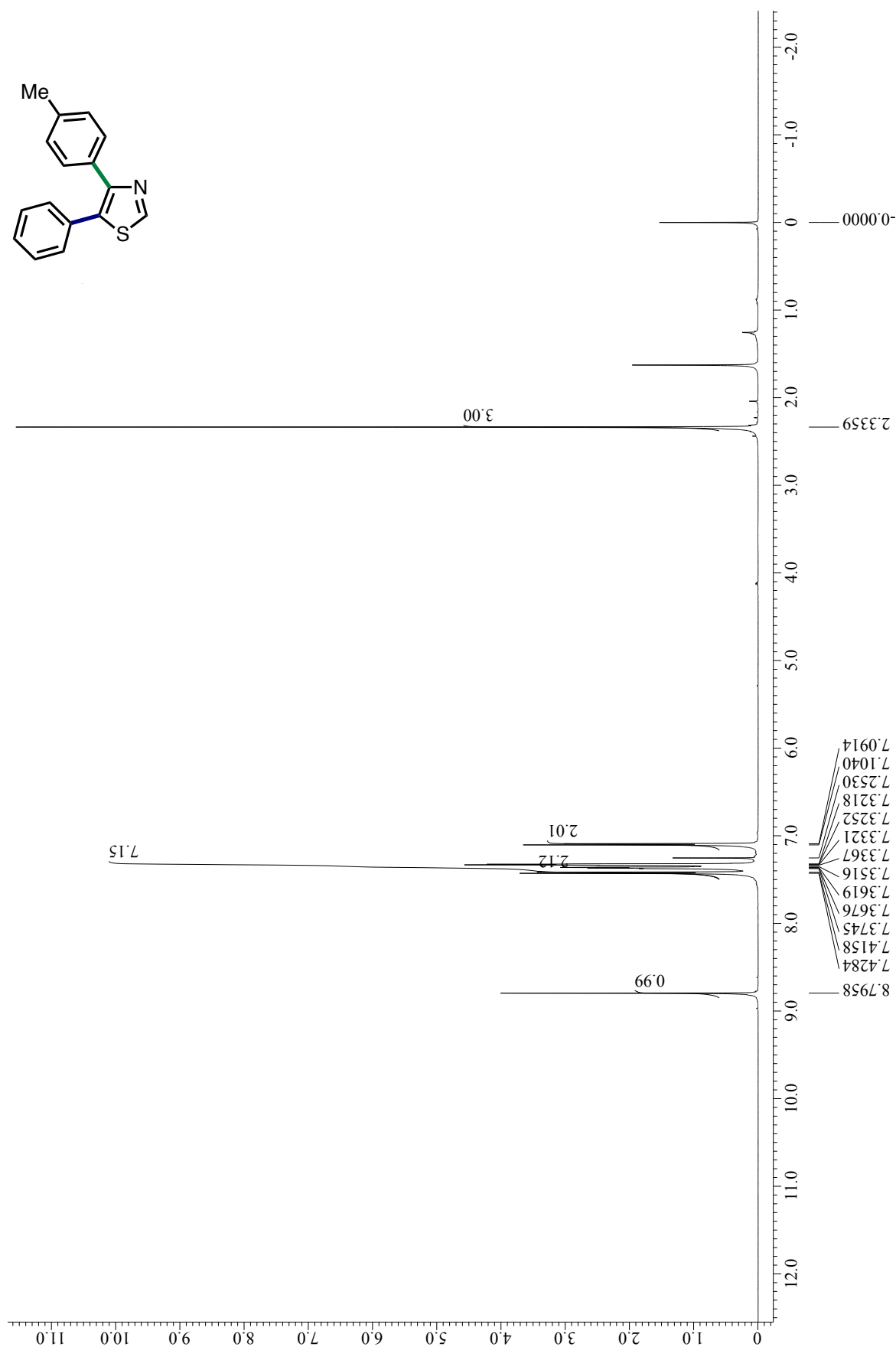
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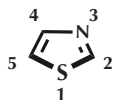


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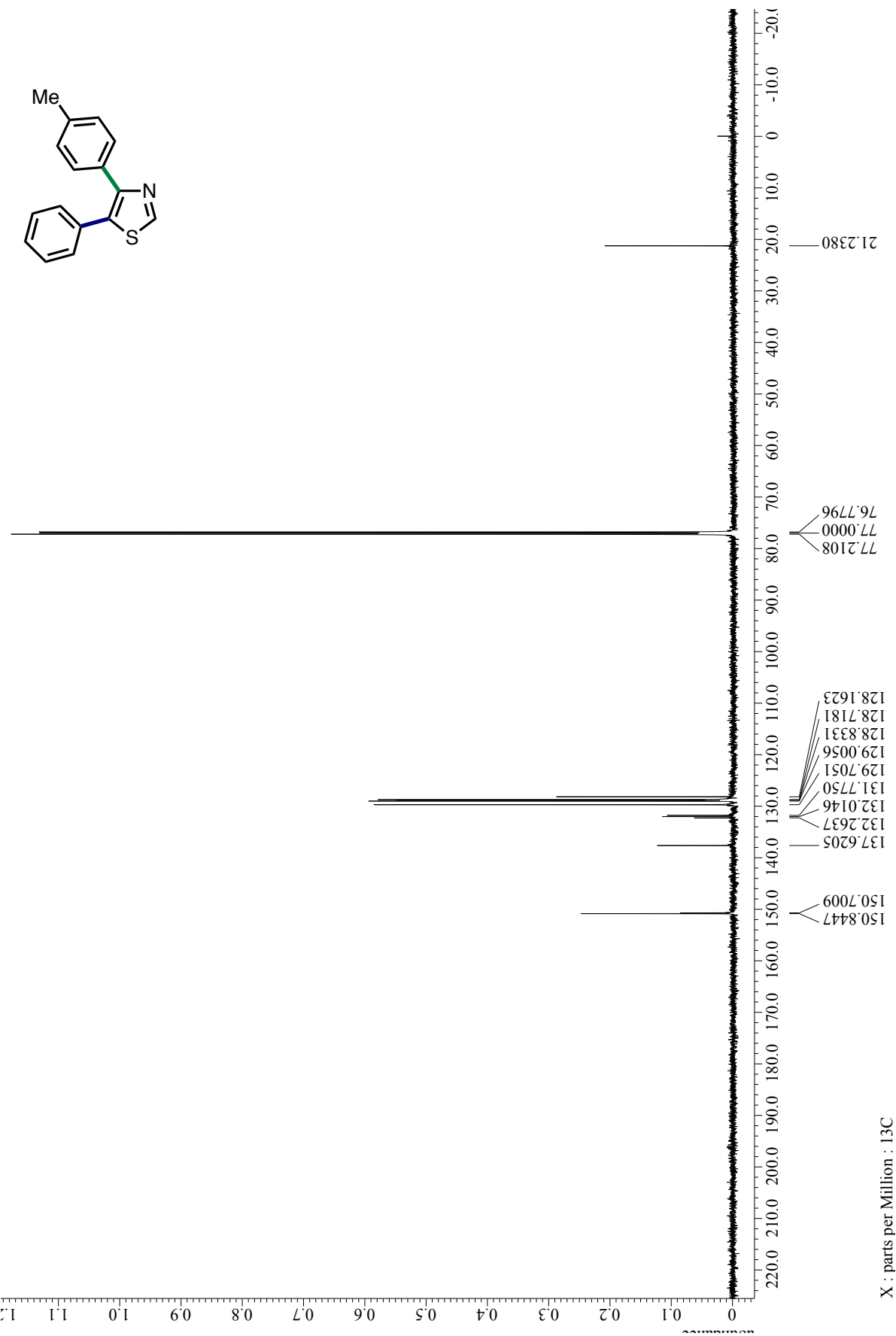
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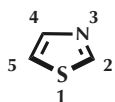


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



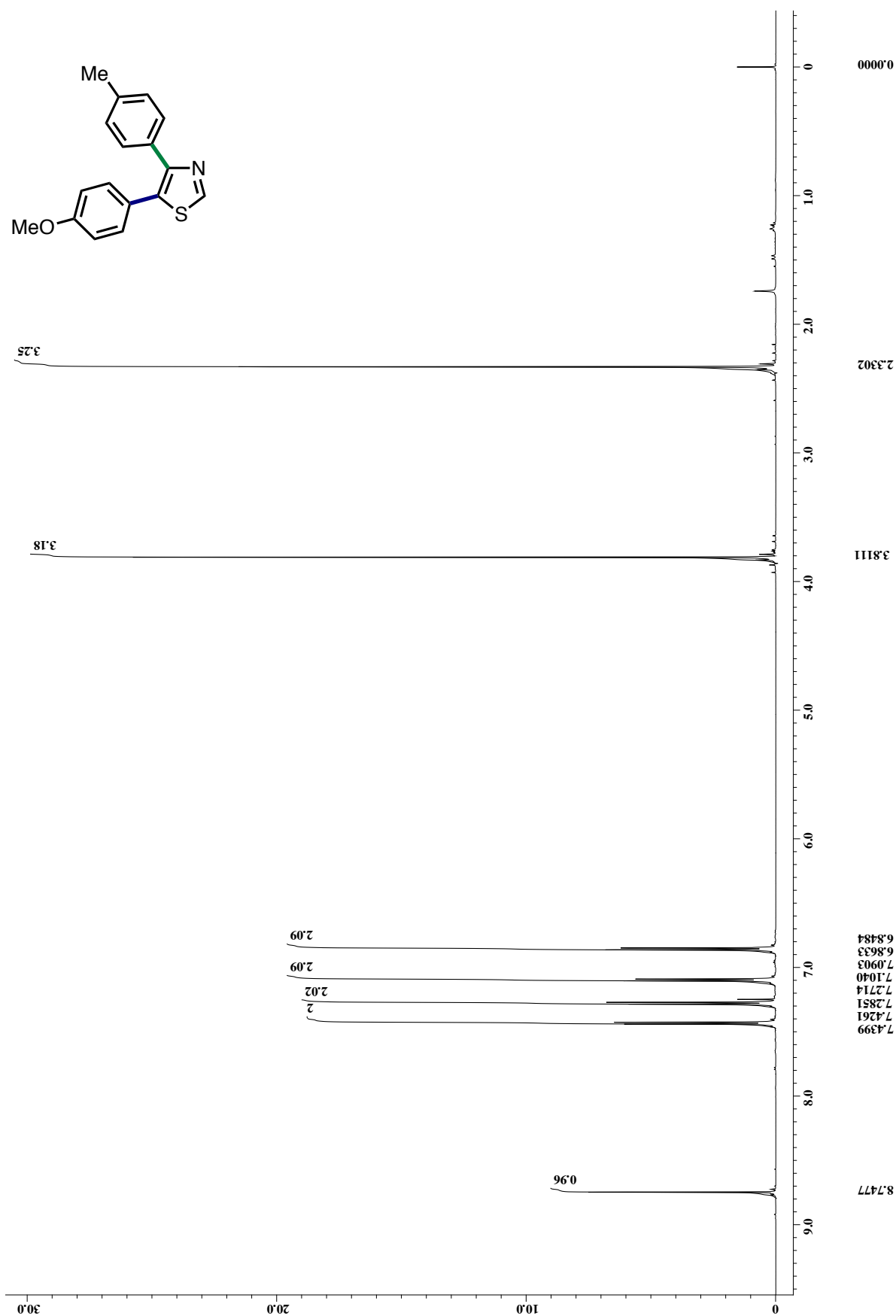
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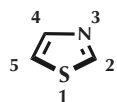




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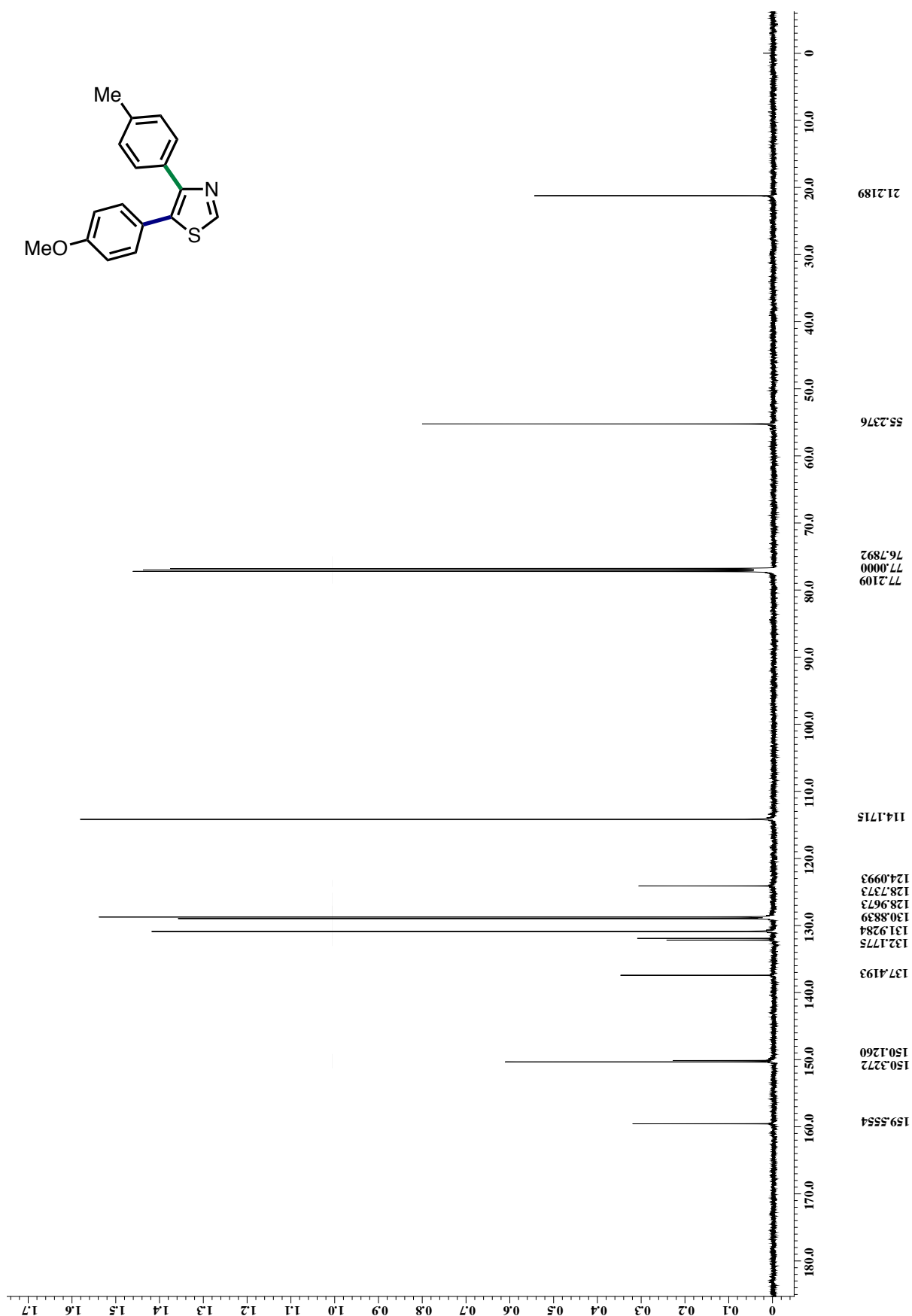
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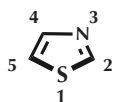




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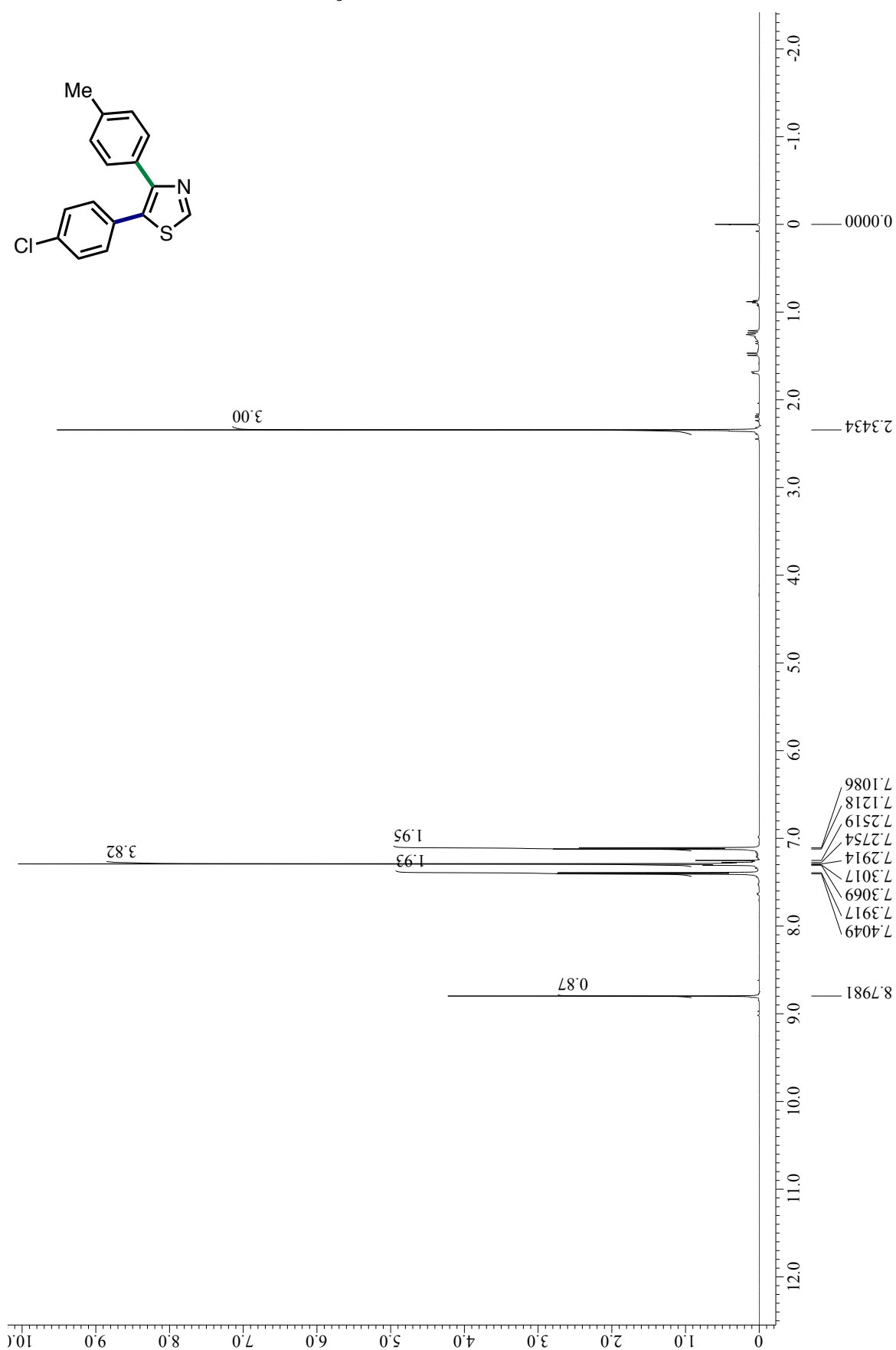
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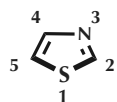




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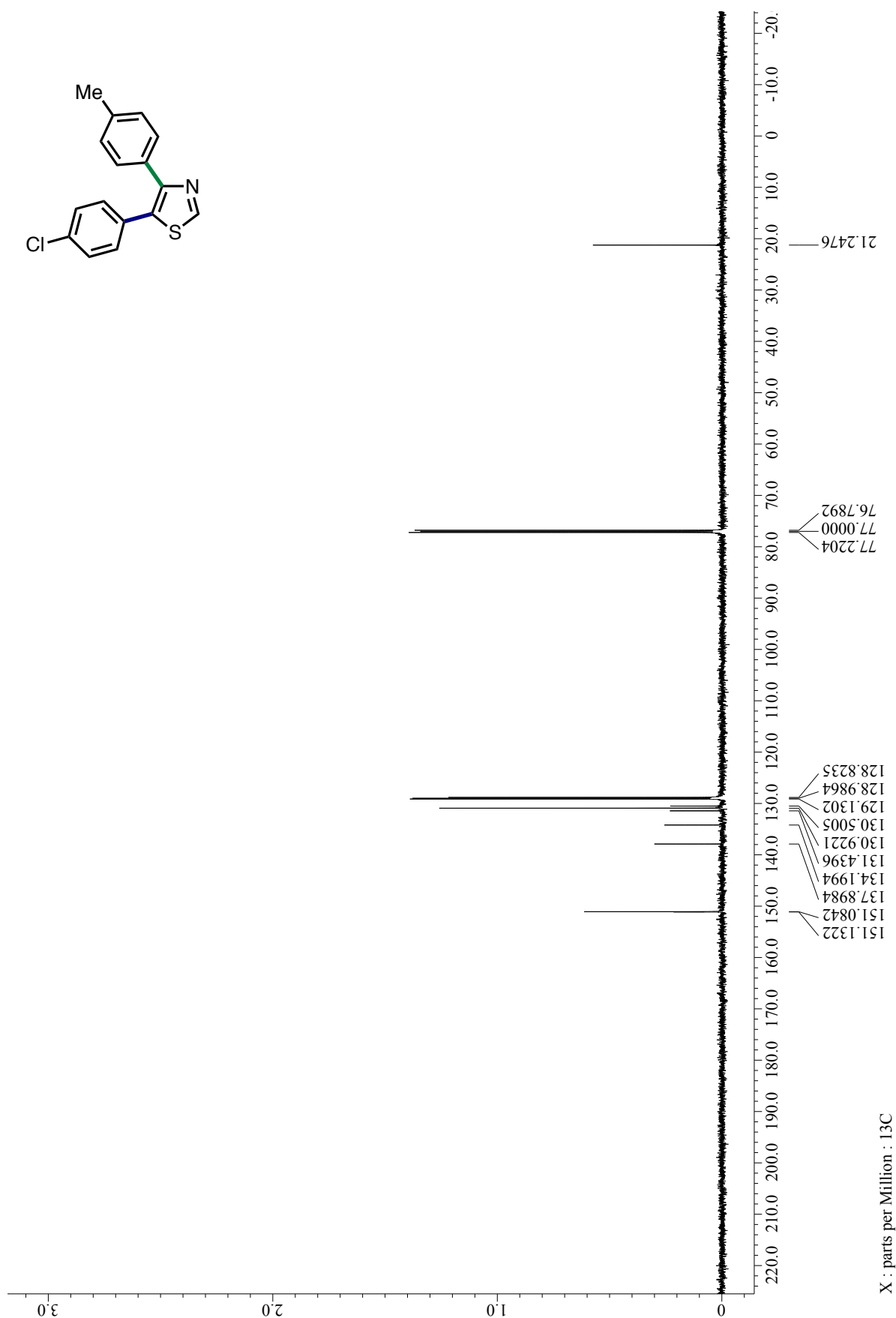
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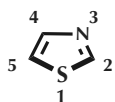




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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

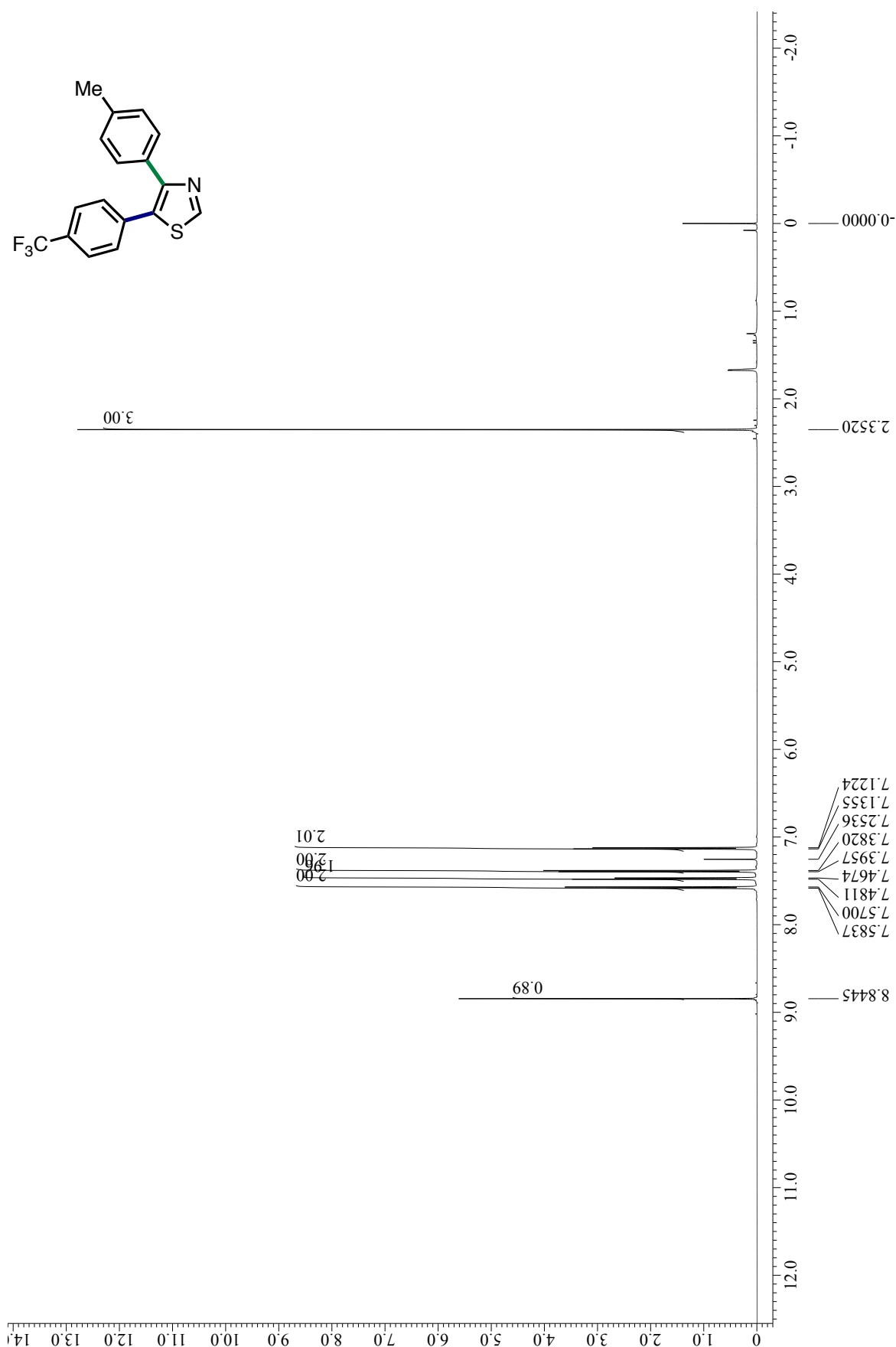
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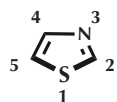




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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

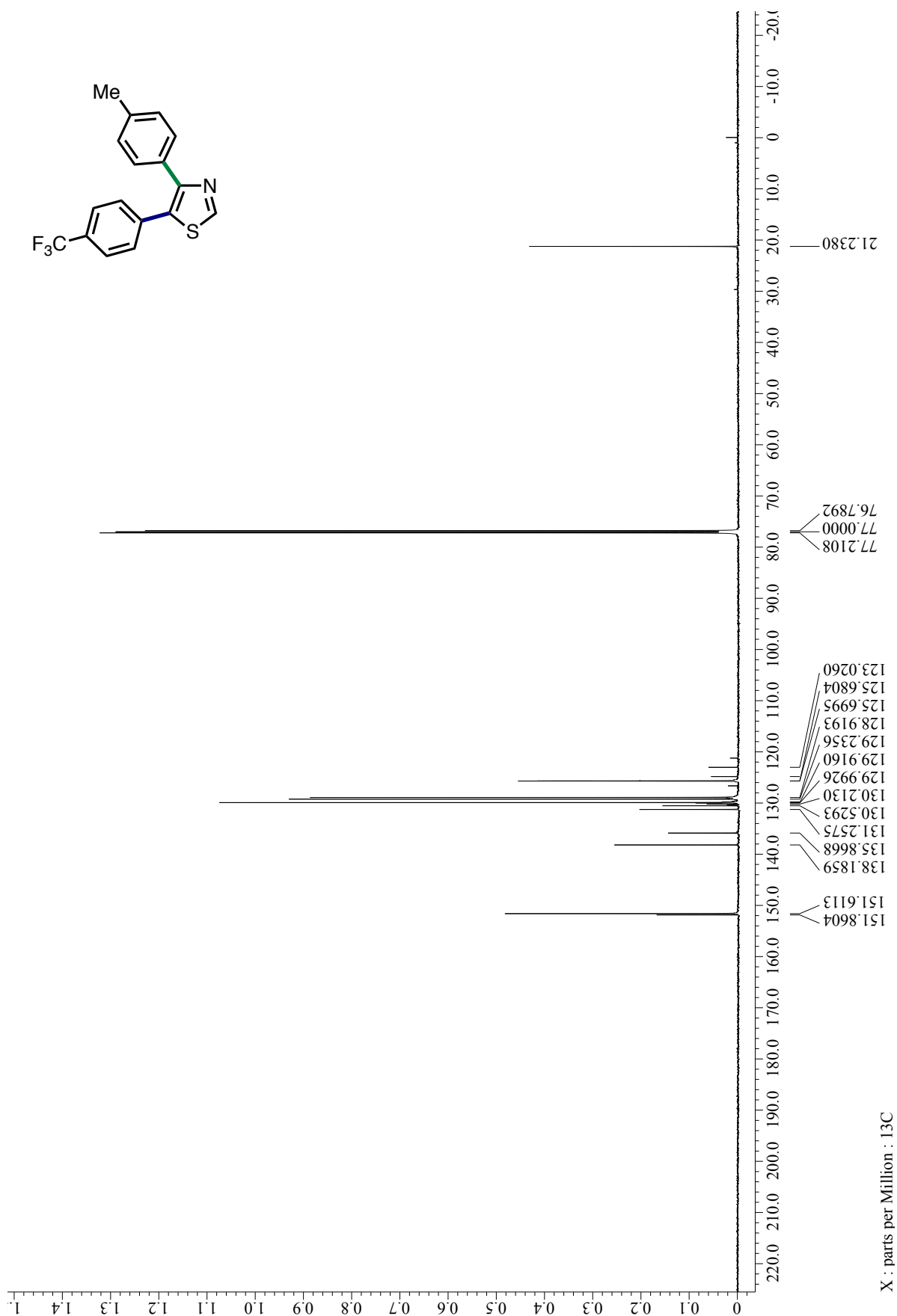
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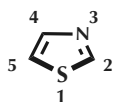




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

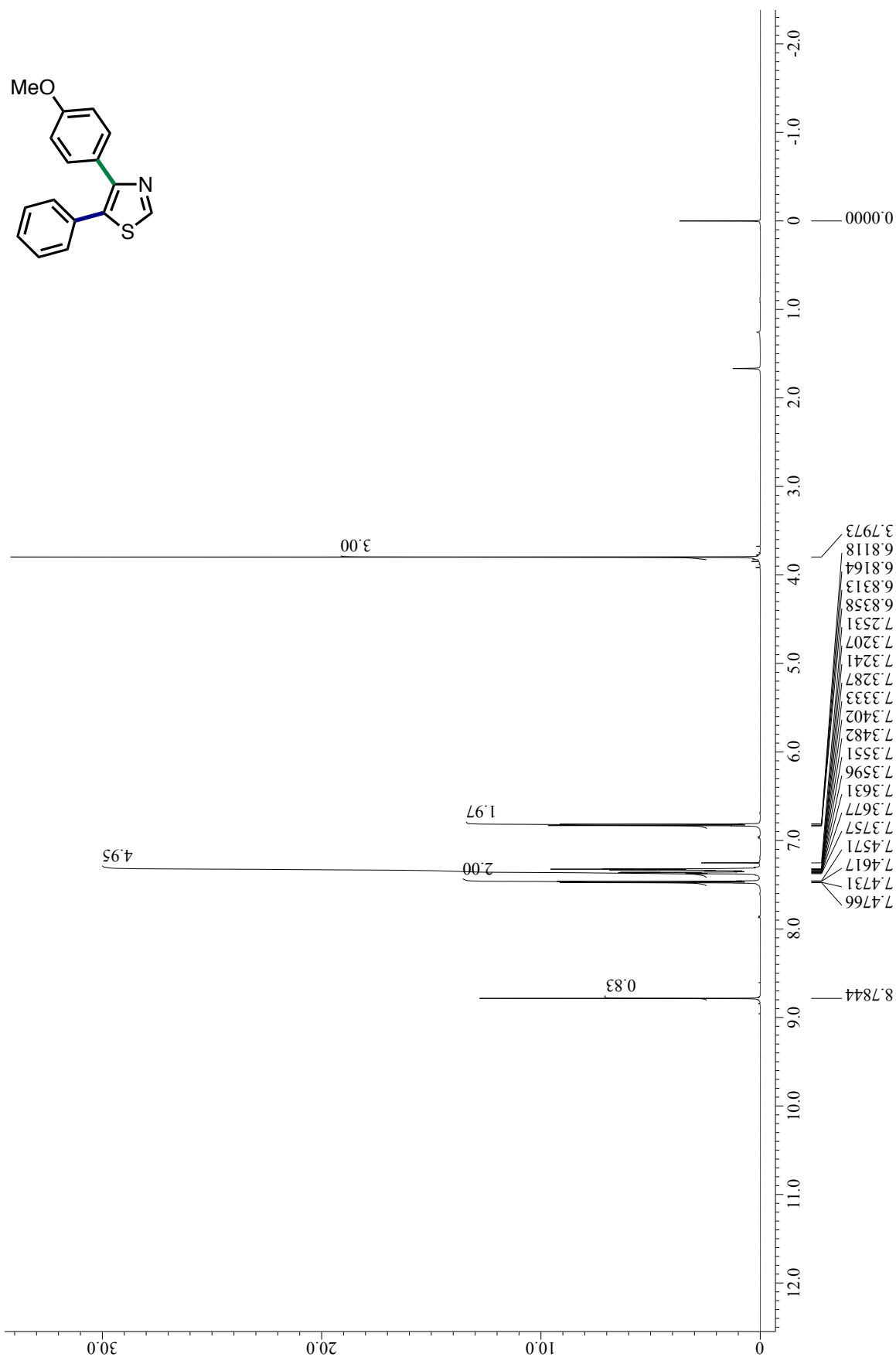
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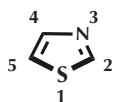




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

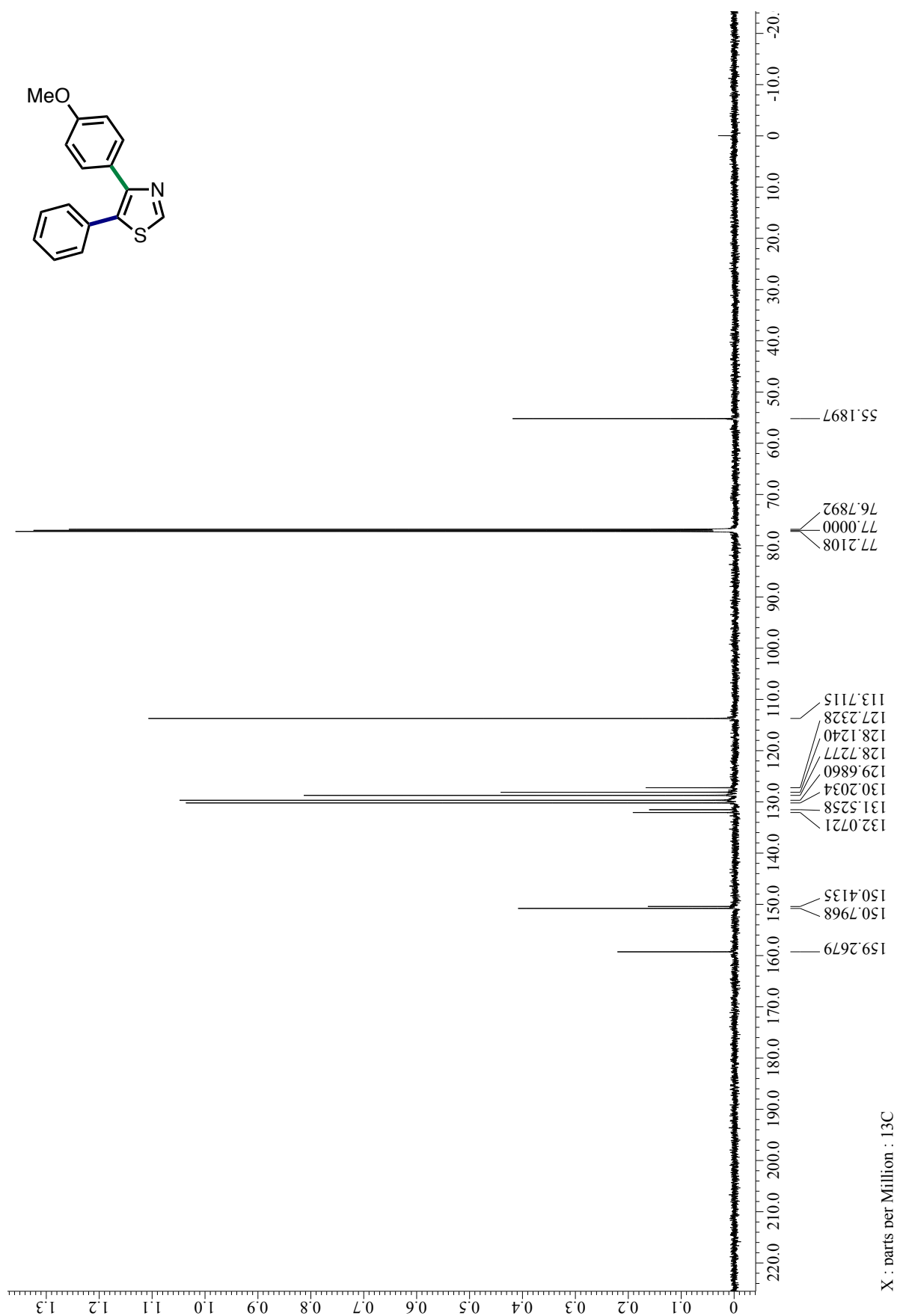
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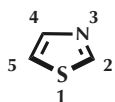




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

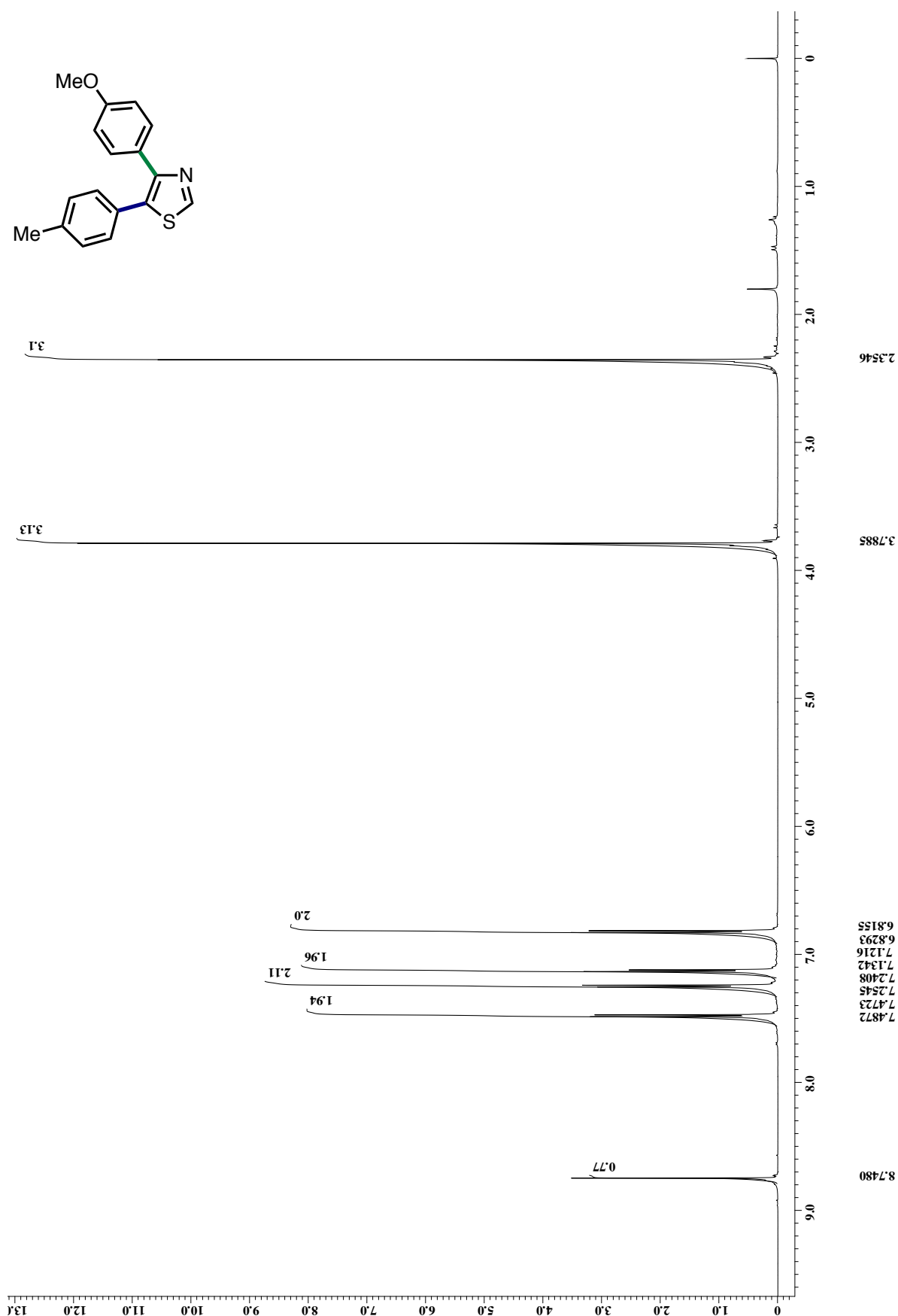
^{13}C NMR (150 MHz, CDCl_3) of 12ga

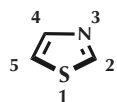




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

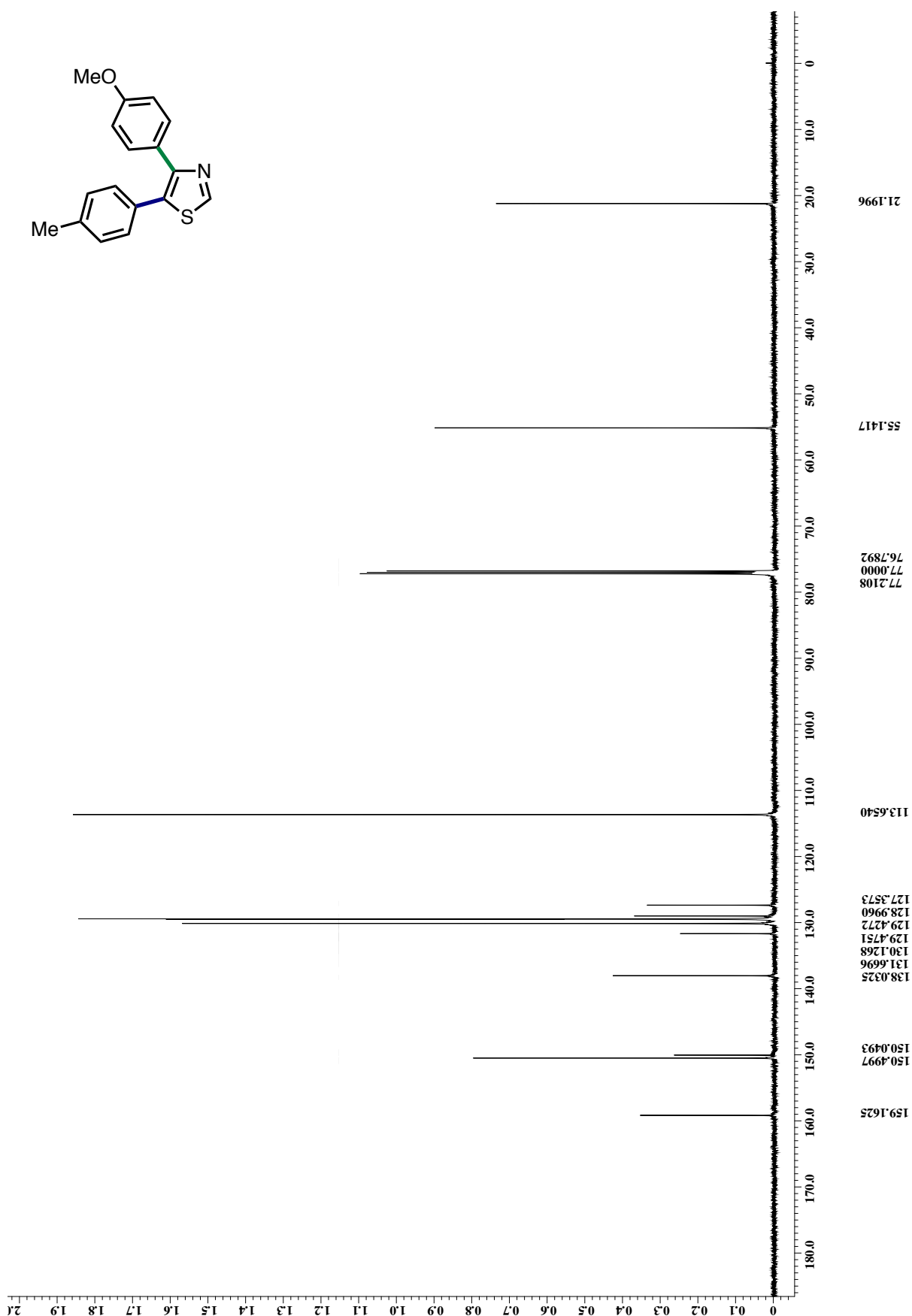
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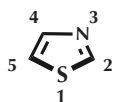




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

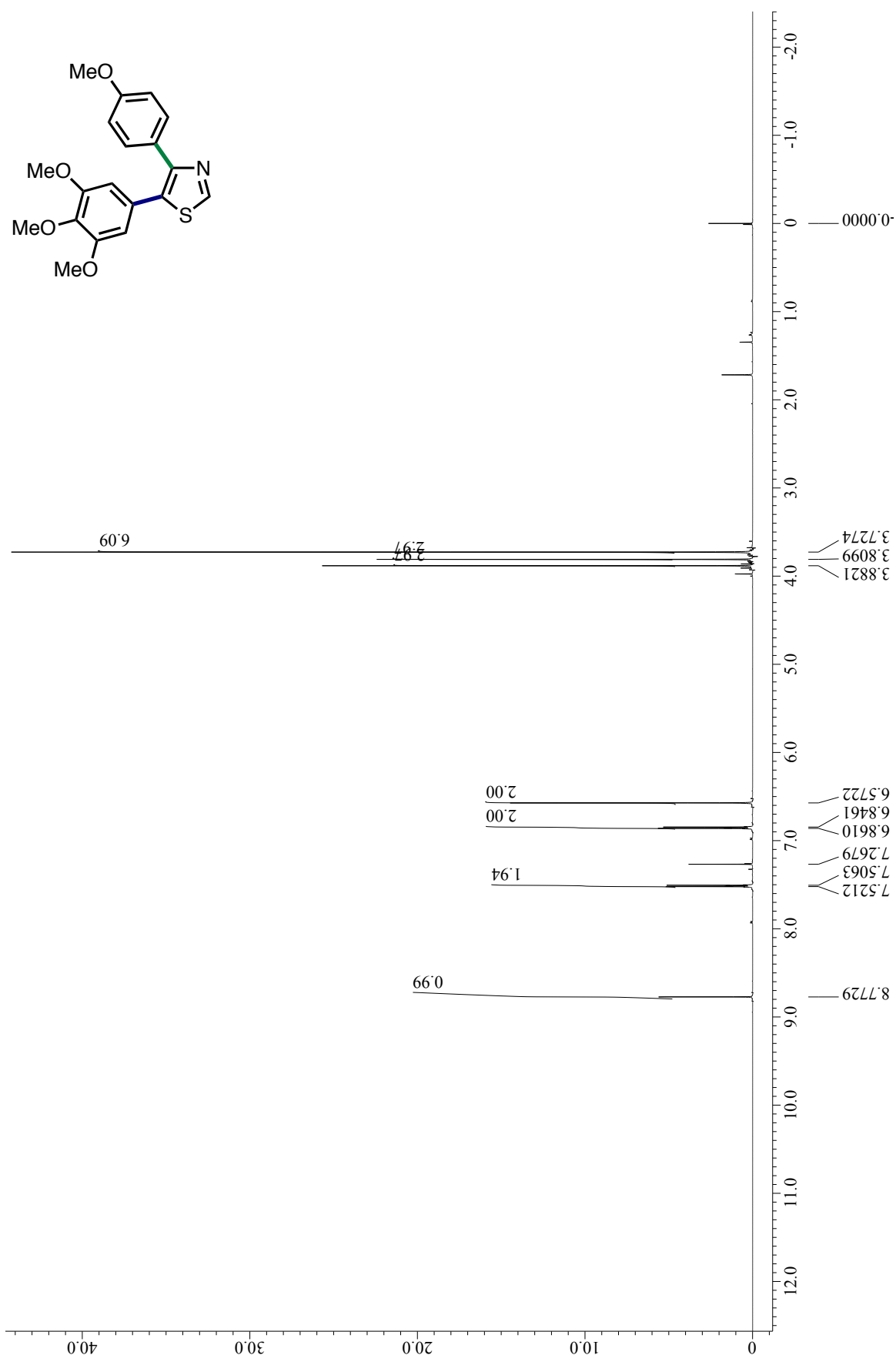
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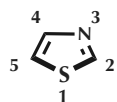




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

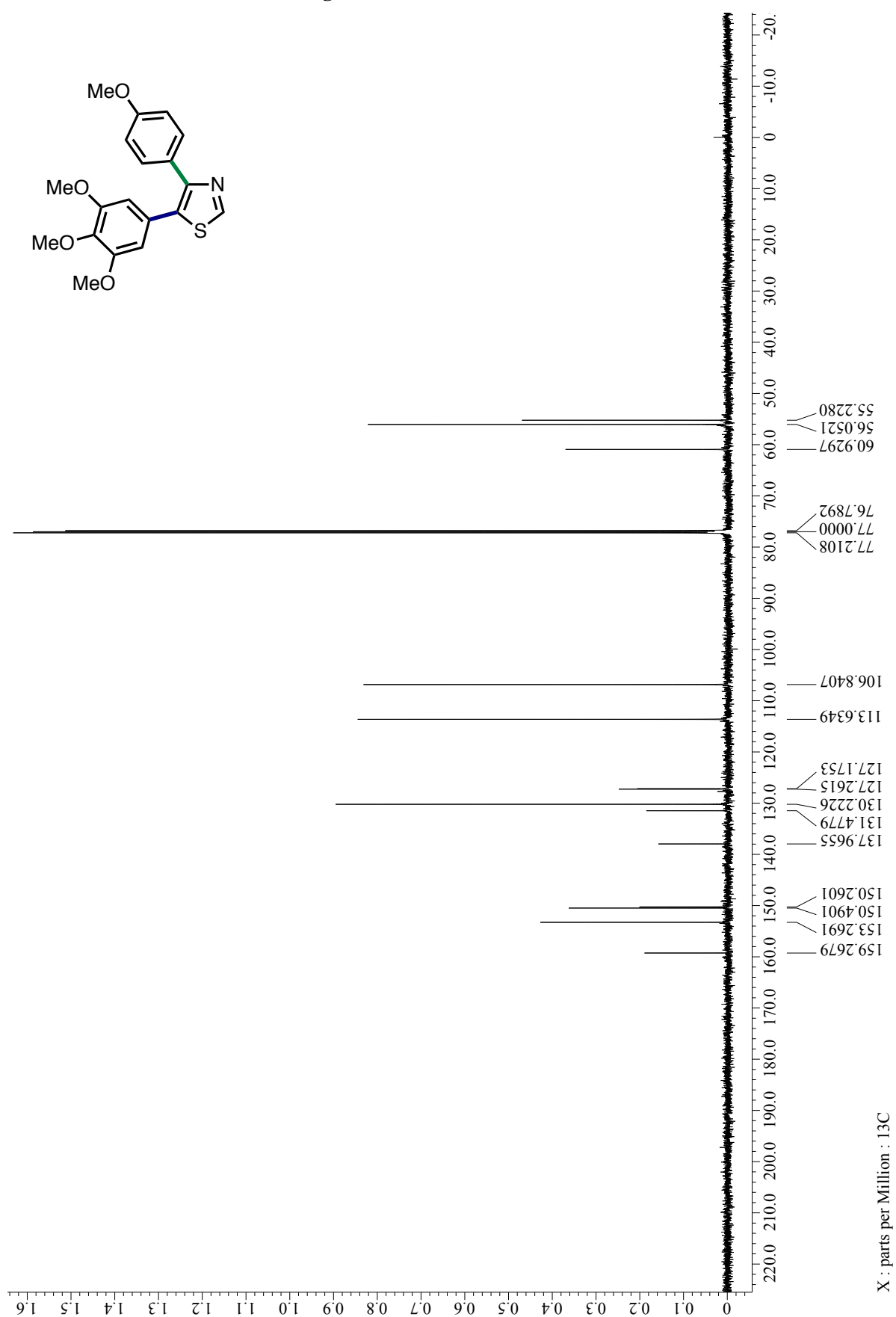
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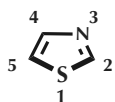




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

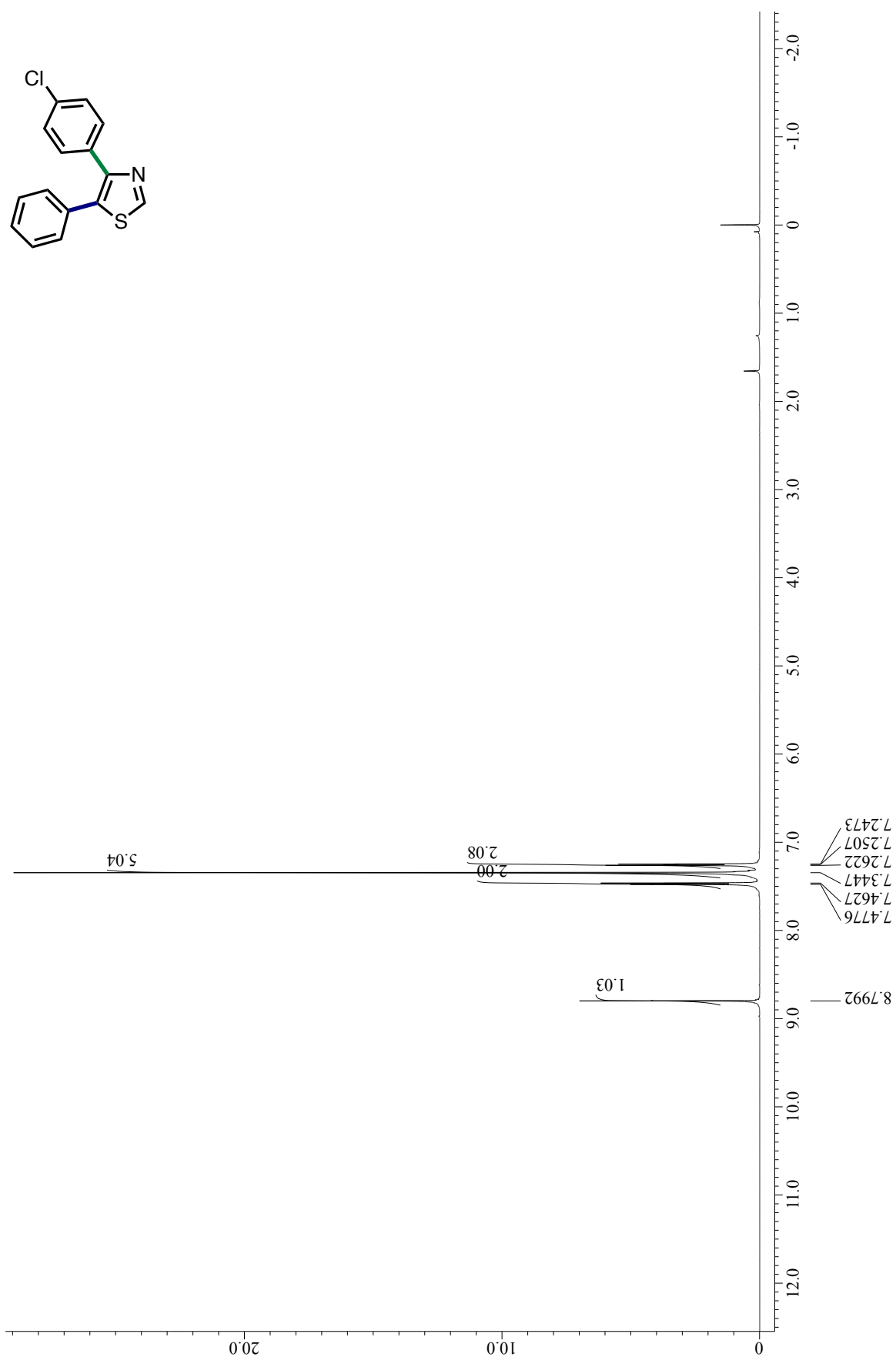
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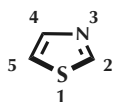


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

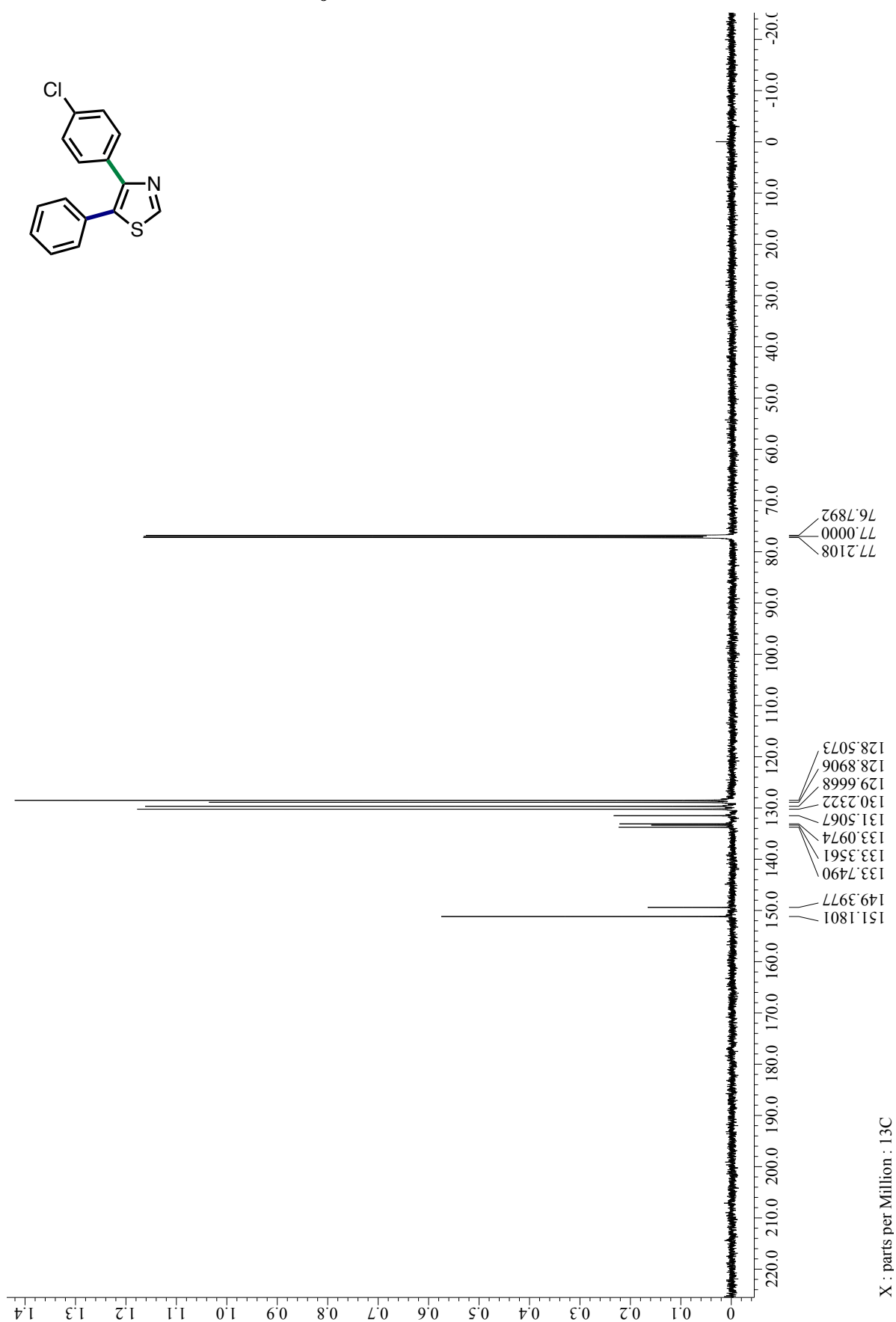
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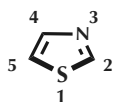


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



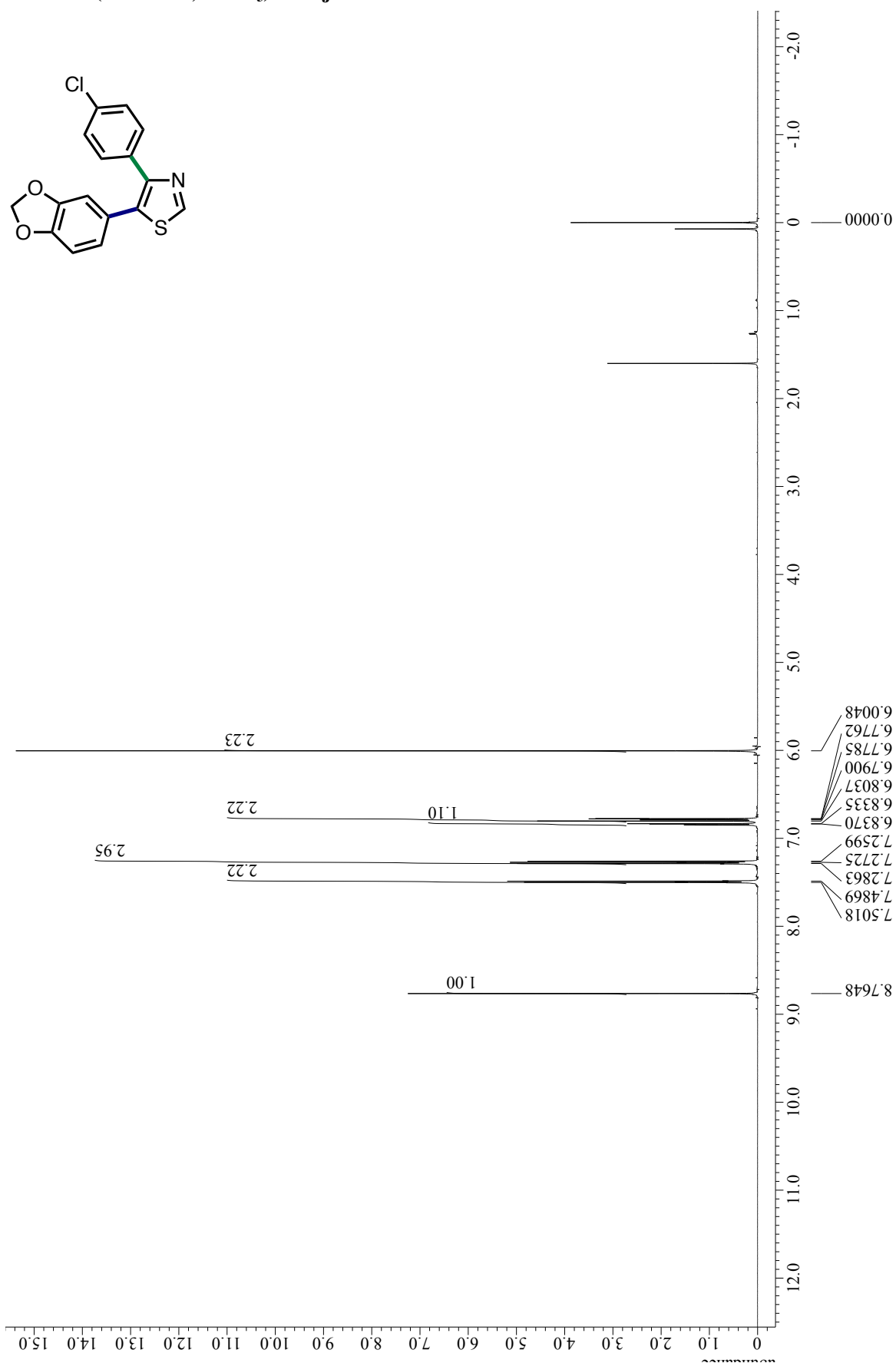
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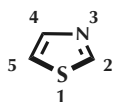


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

^1H NMR (600 MHz, CDCl_3) of 12jh



Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



¹³C NMR (150 MHz, CDCl₃) of 12jh

