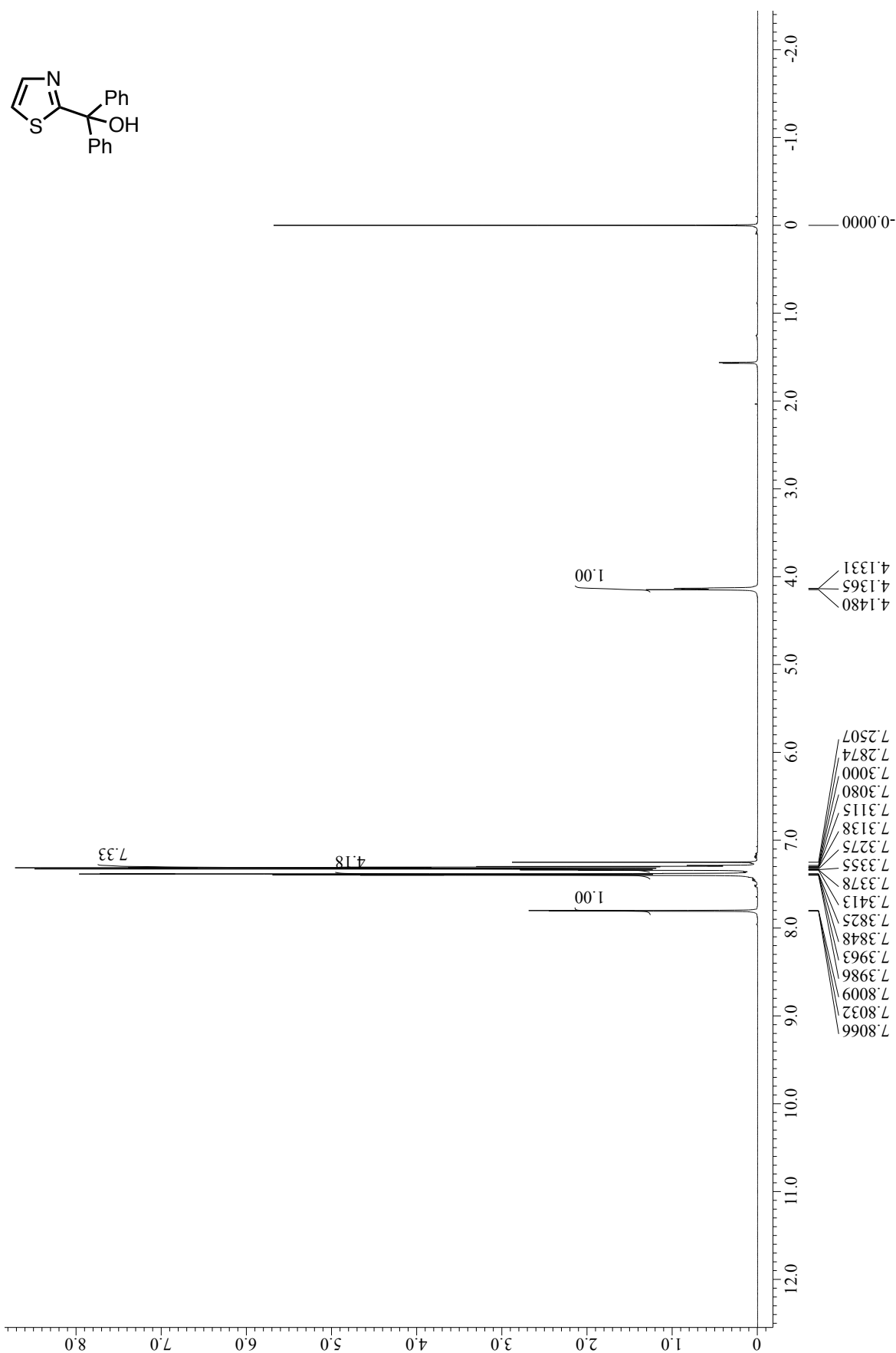
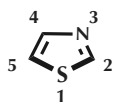


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

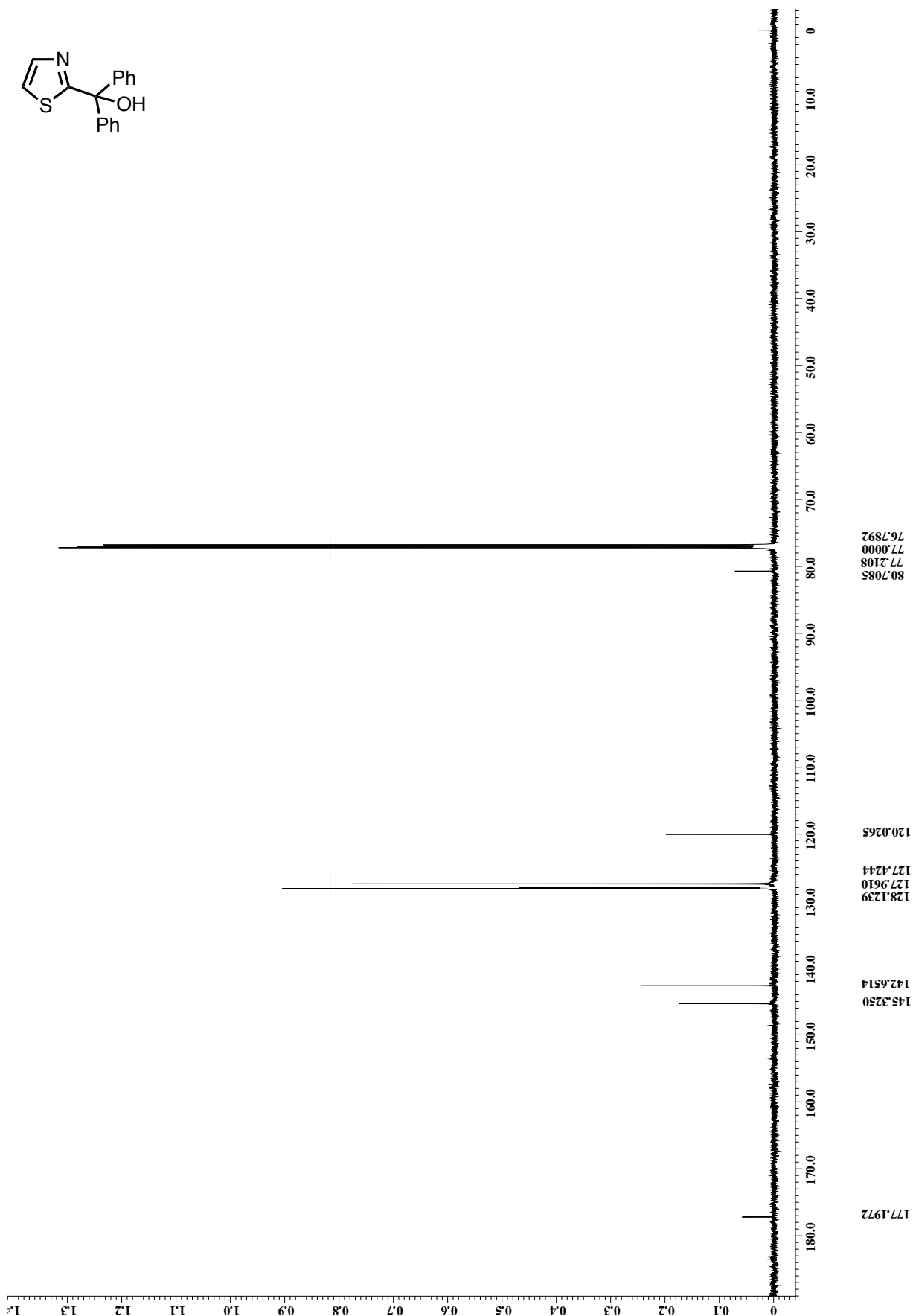
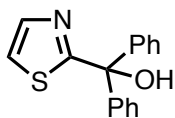
^1H NMR (600 MHz, CDCl_3) of **5**



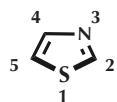
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



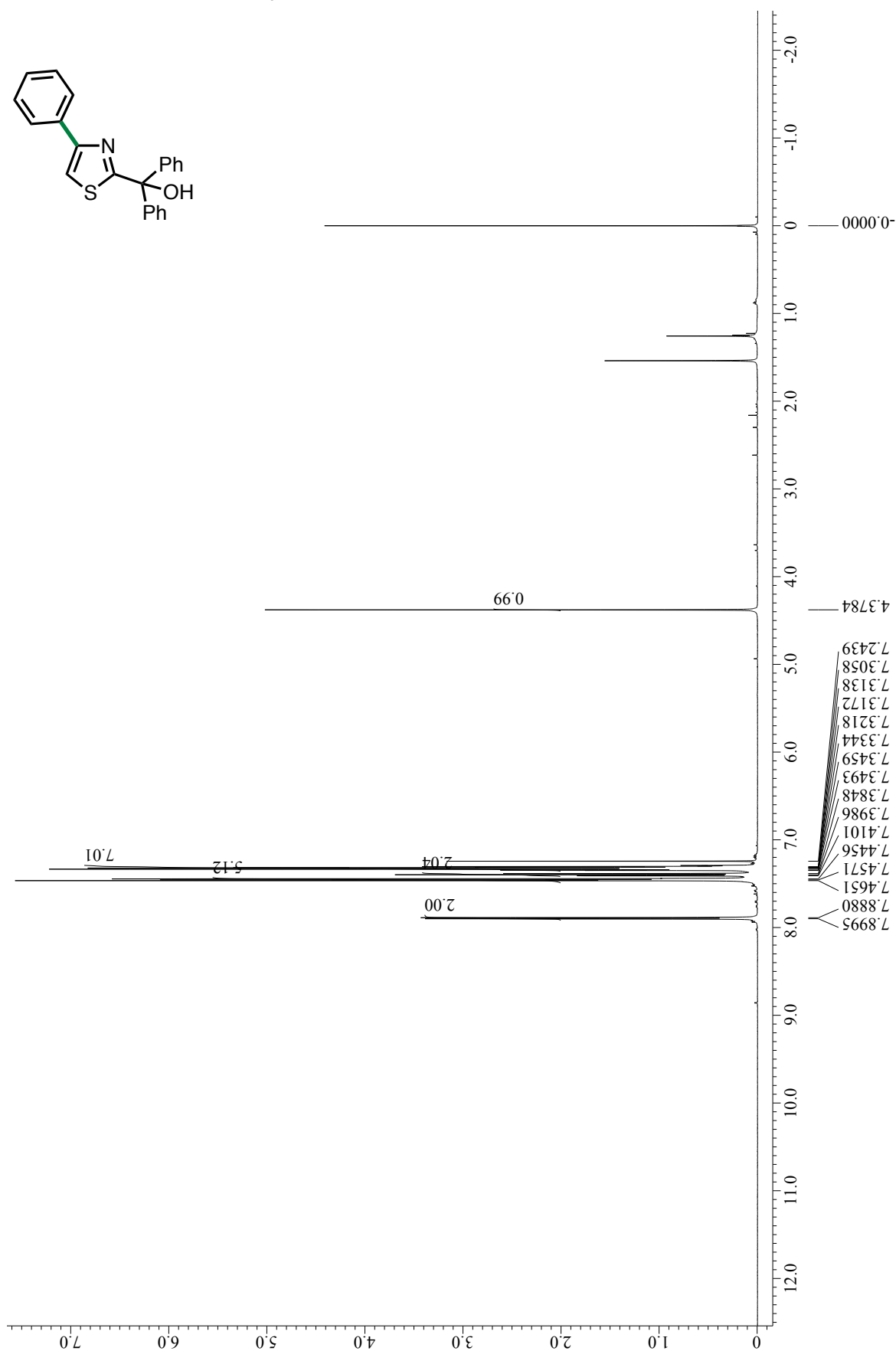
^{13}C NMR (150 MHz, CDCl_3) of **5**



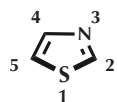
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



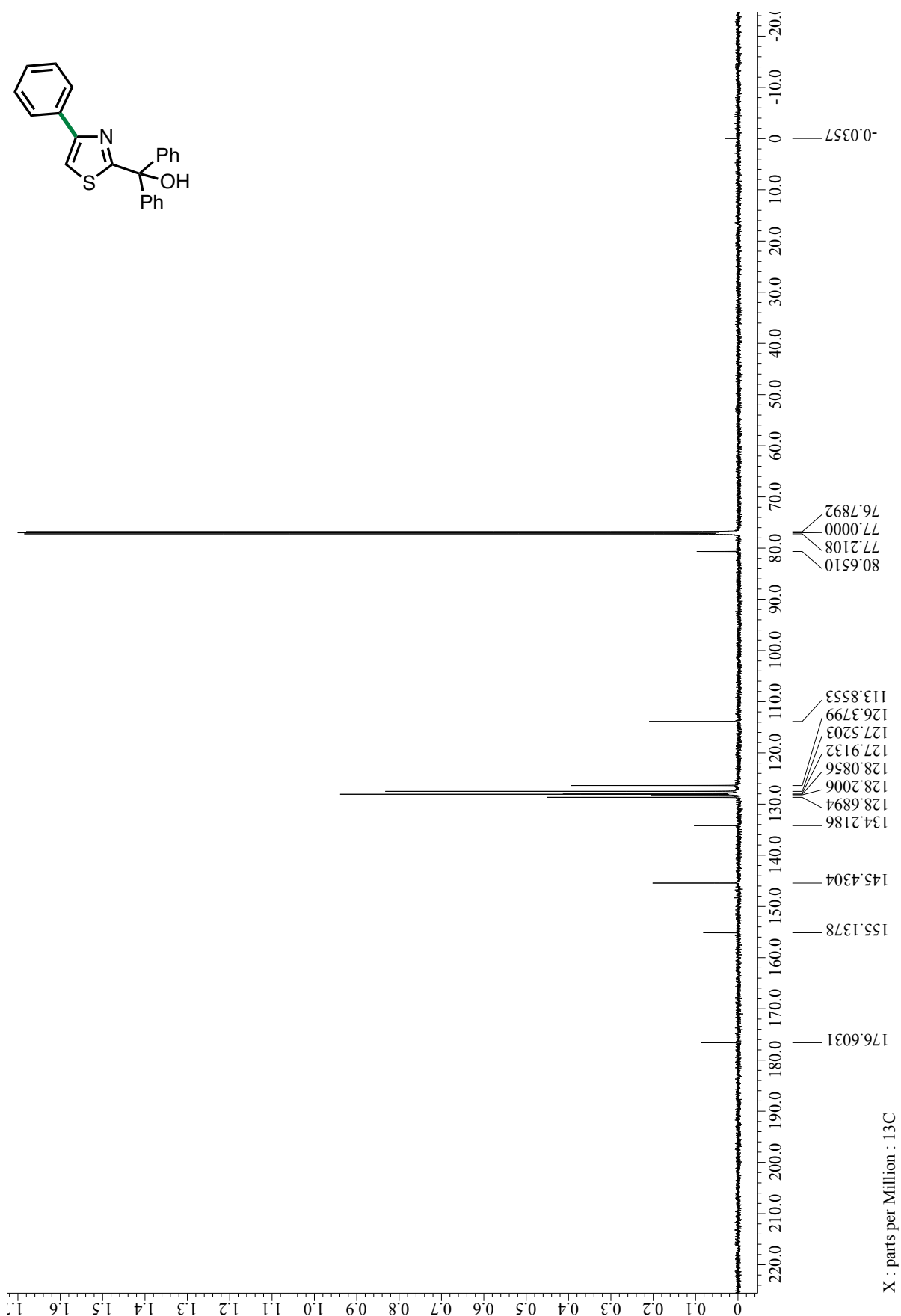
^1H NMR (600 MHz, CDCl_3) of 7a

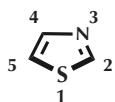


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



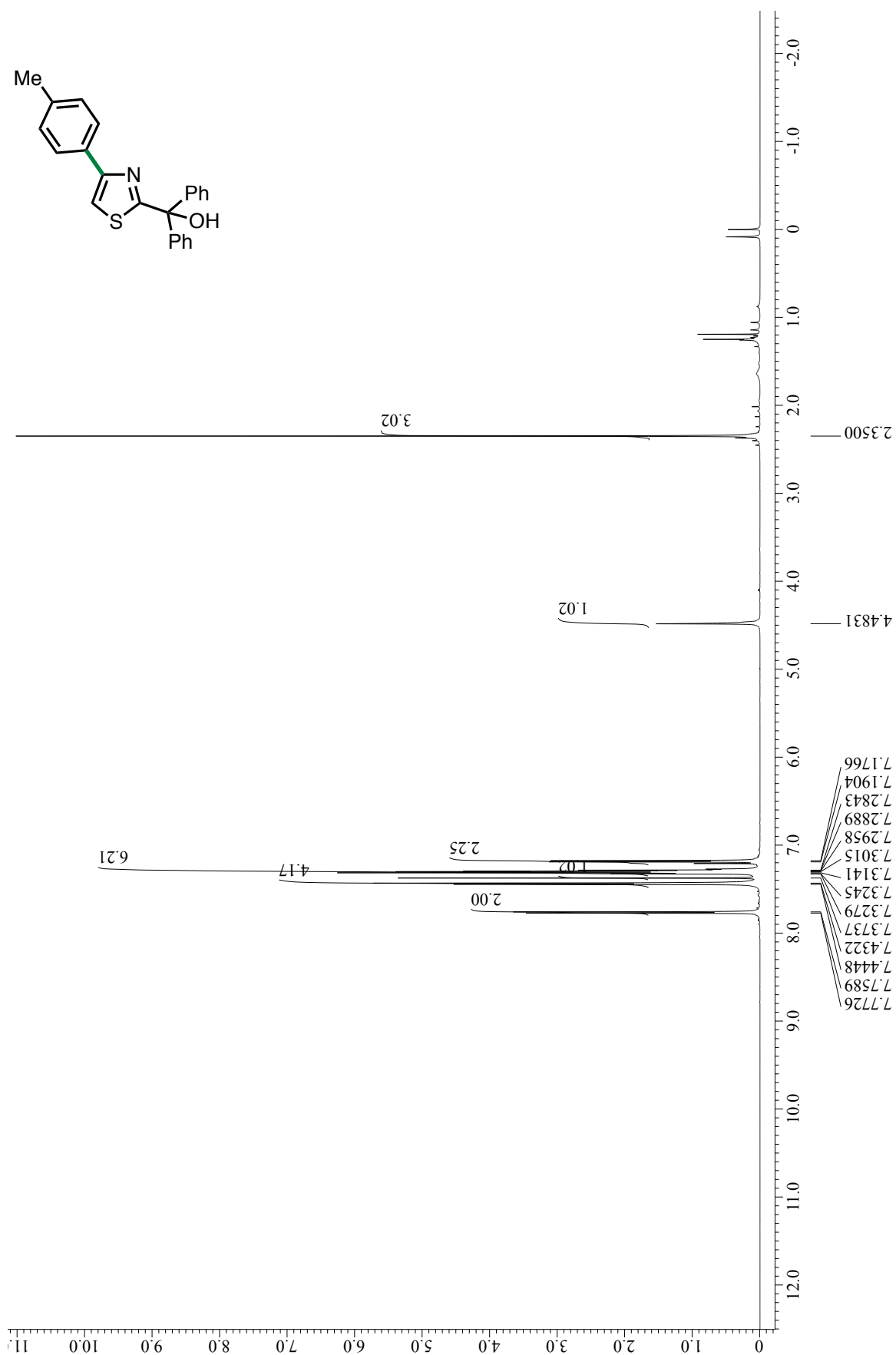
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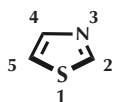


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

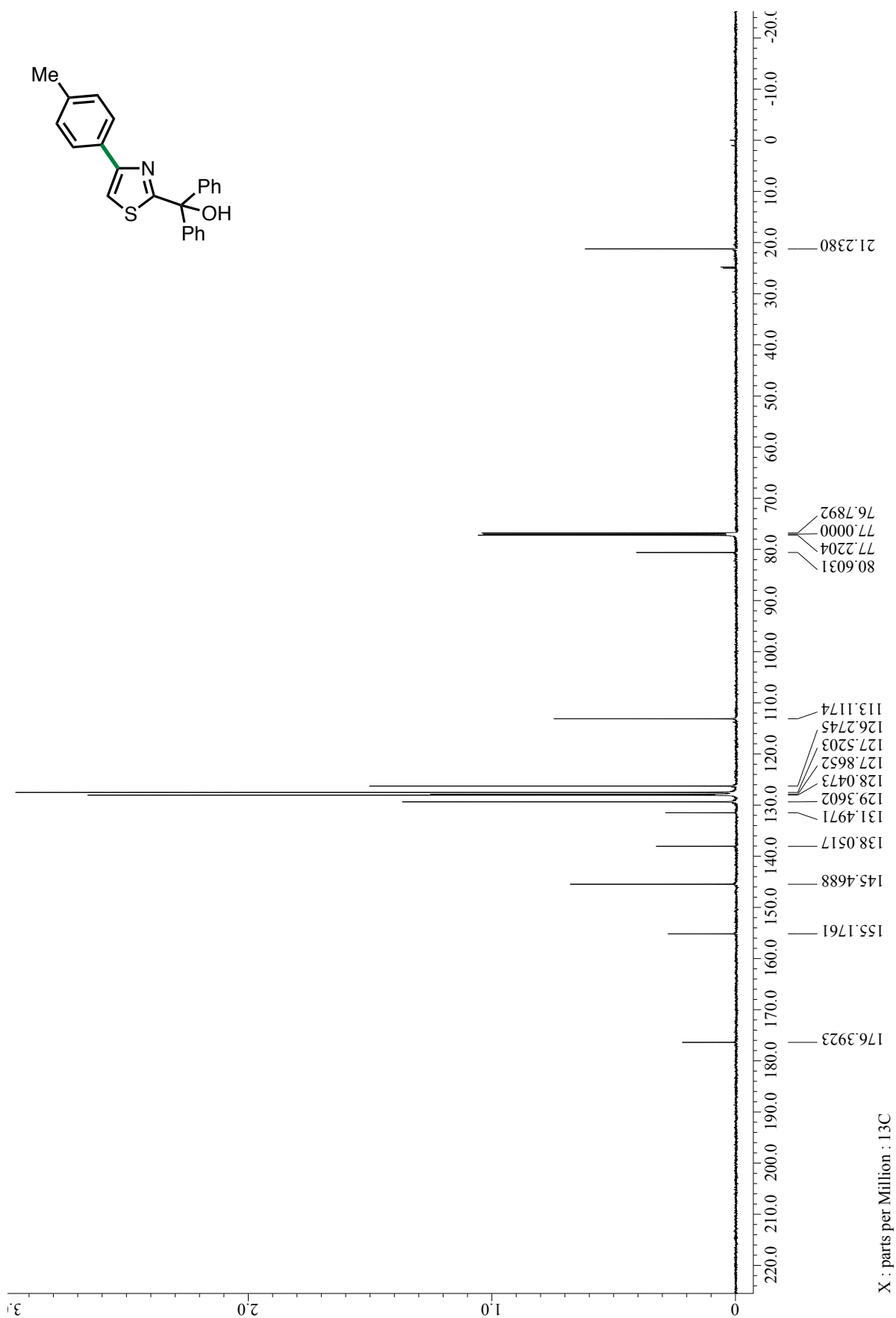
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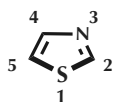


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



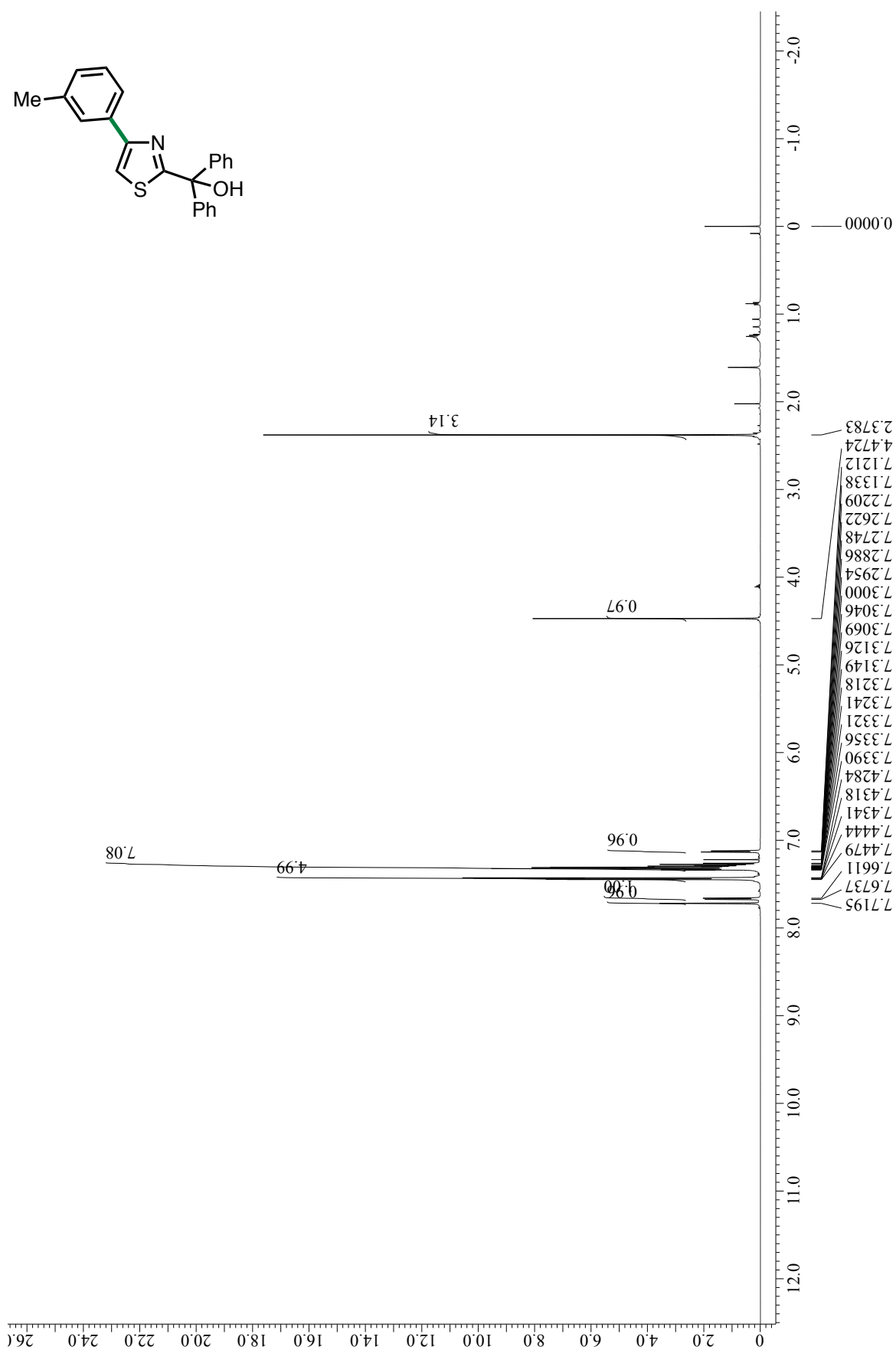
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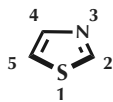


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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

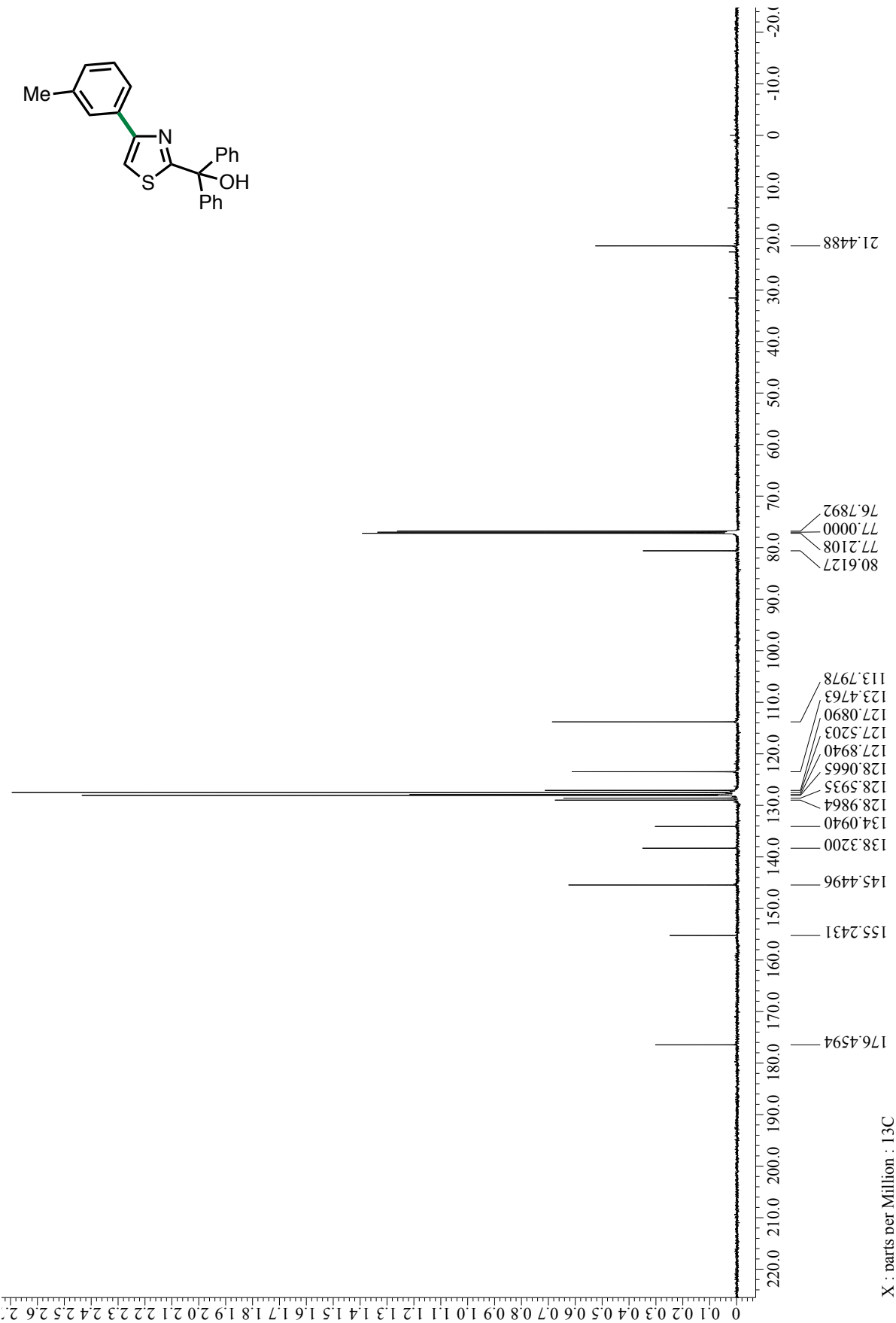
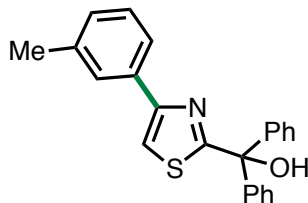
^1H NMR (600 MHz, CDCl_3) of 7d



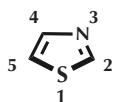
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



¹³C NMR (150 MHz, CDCl₃) of 7d

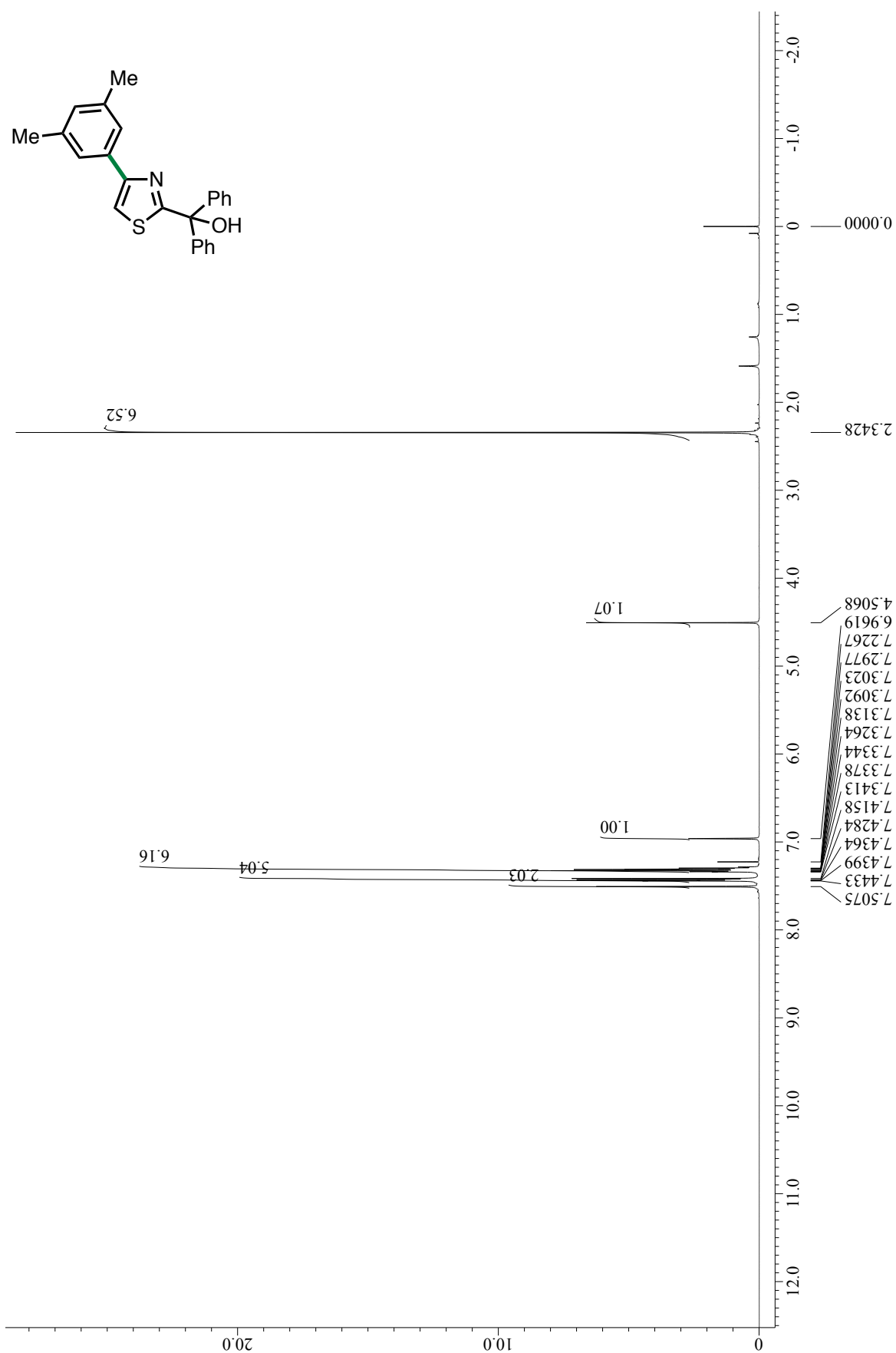


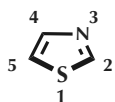
X : parts per Million : 13C



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

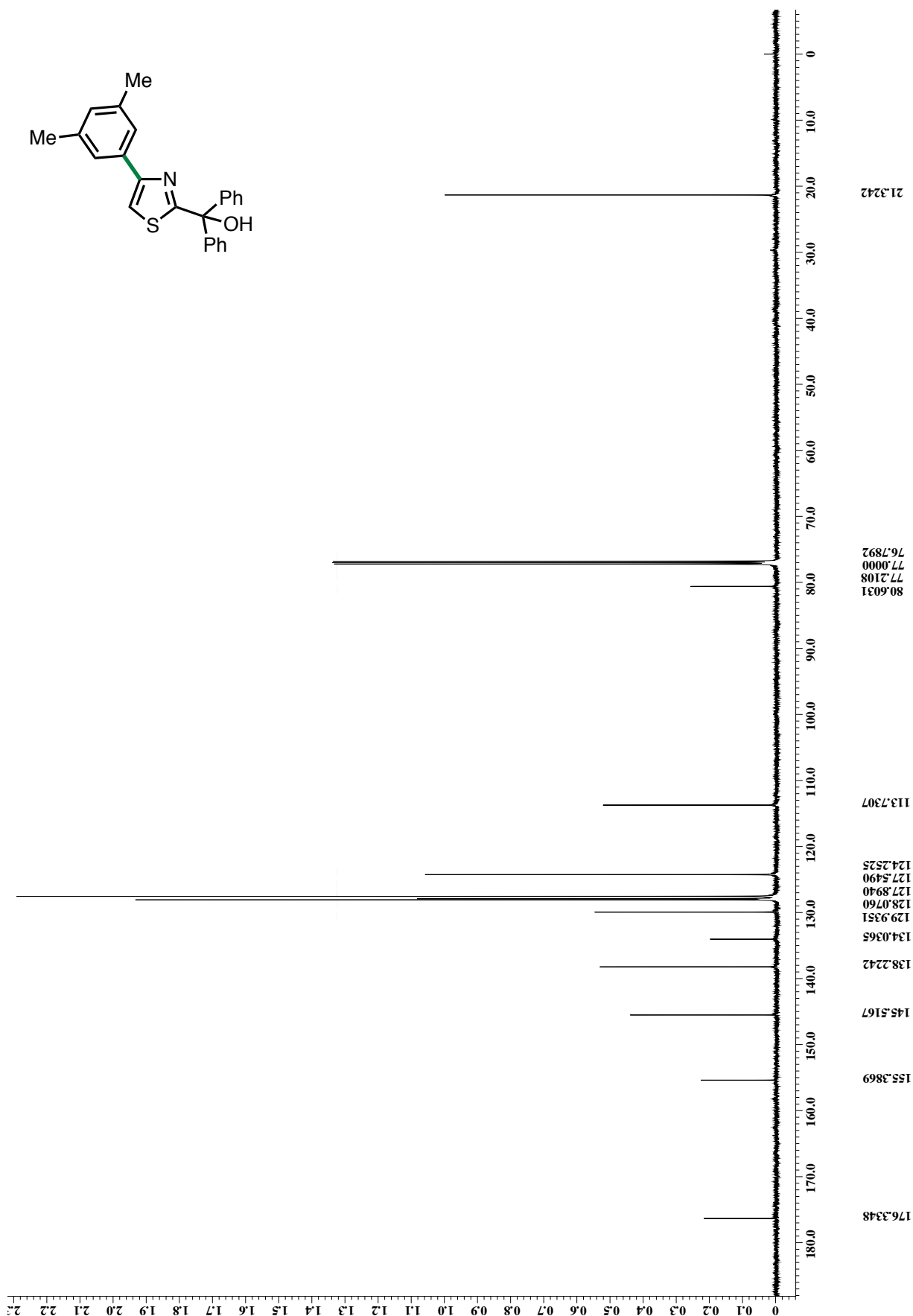
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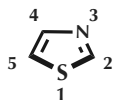




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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

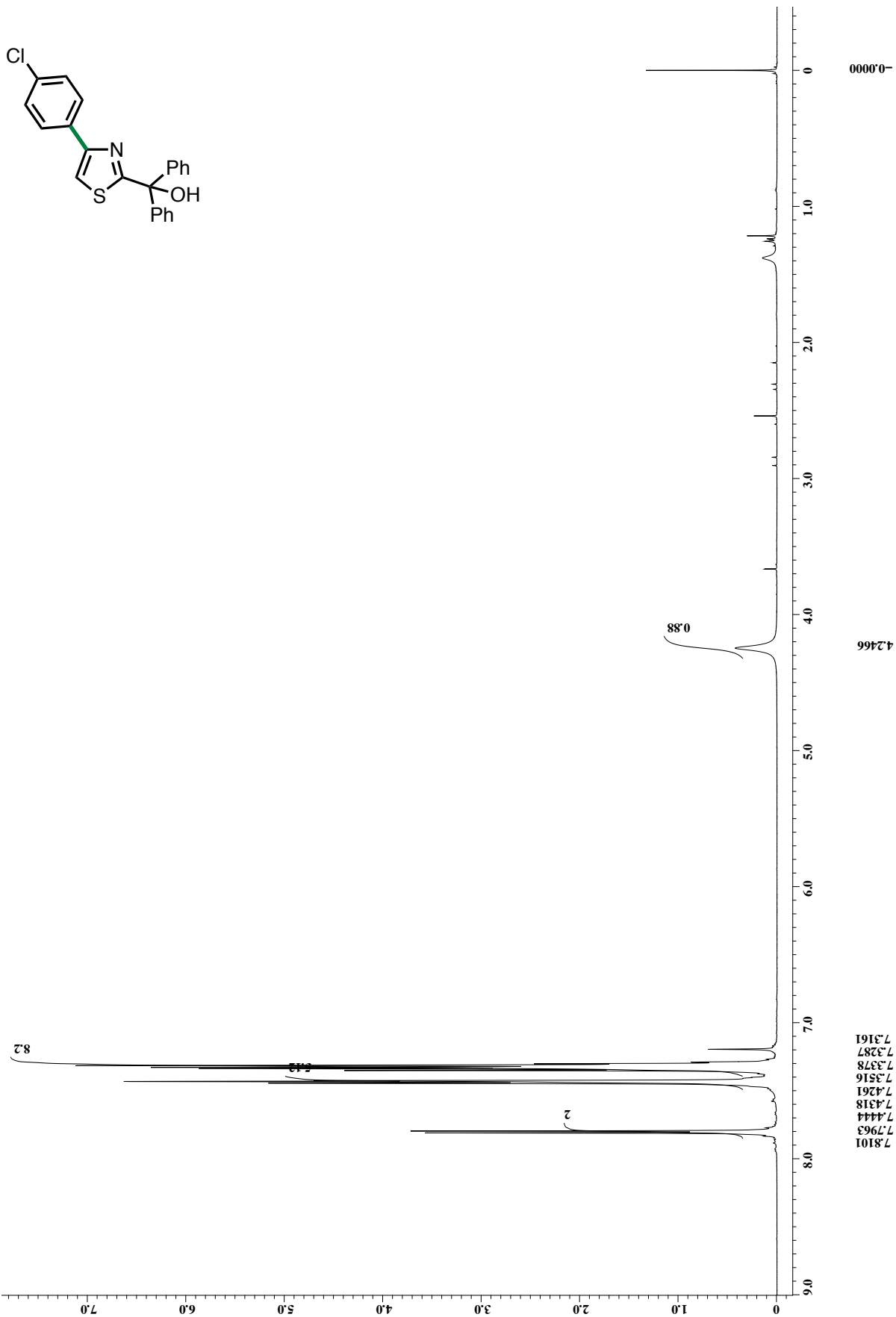
^{13}C NMR (150 MHz, CDCl_3) of **7e**



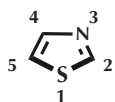


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

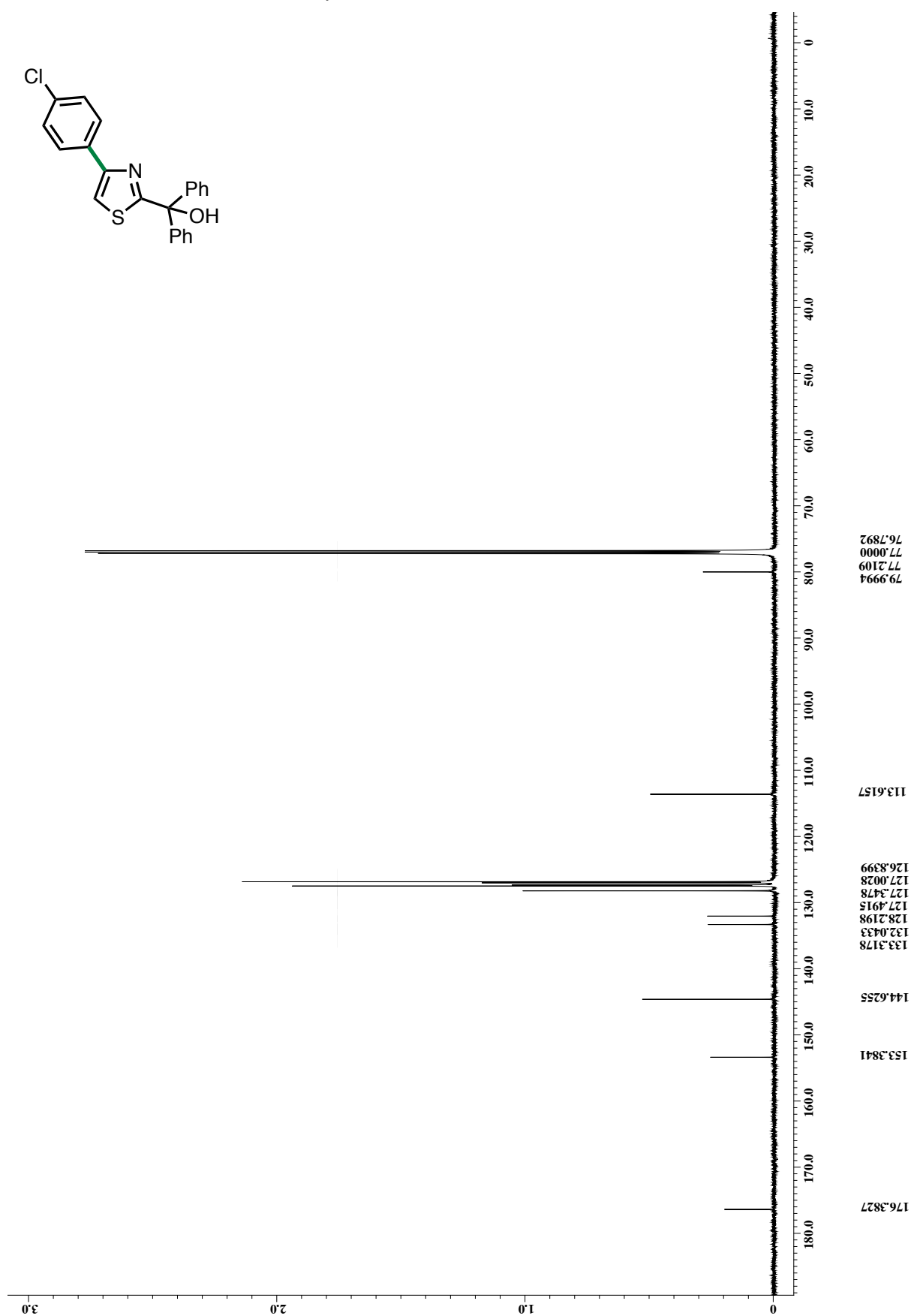
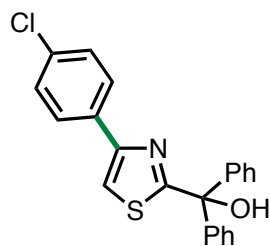
¹H NMR (600 MHz, CDCl₃) of 7j

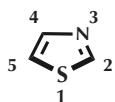


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



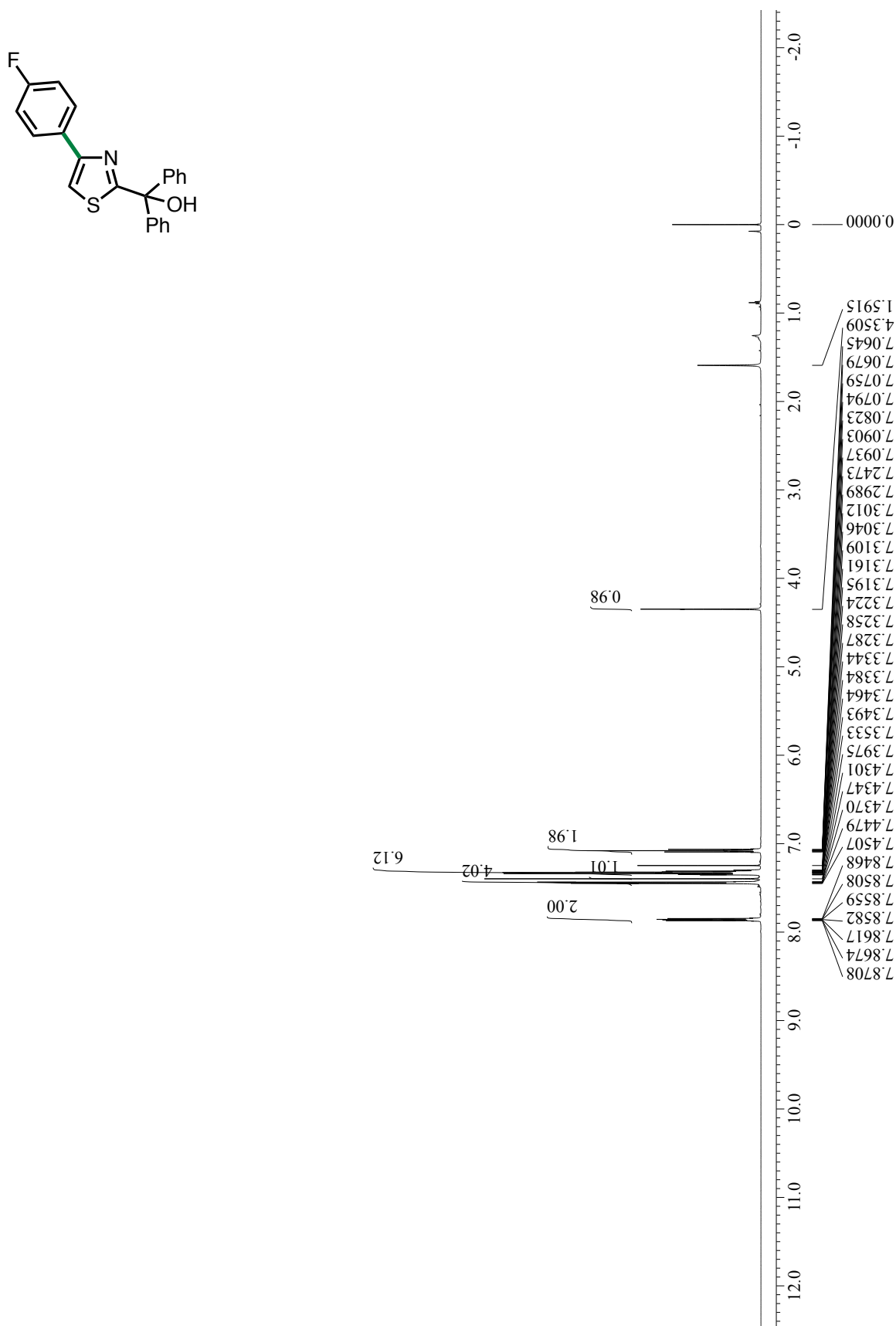
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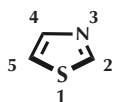


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

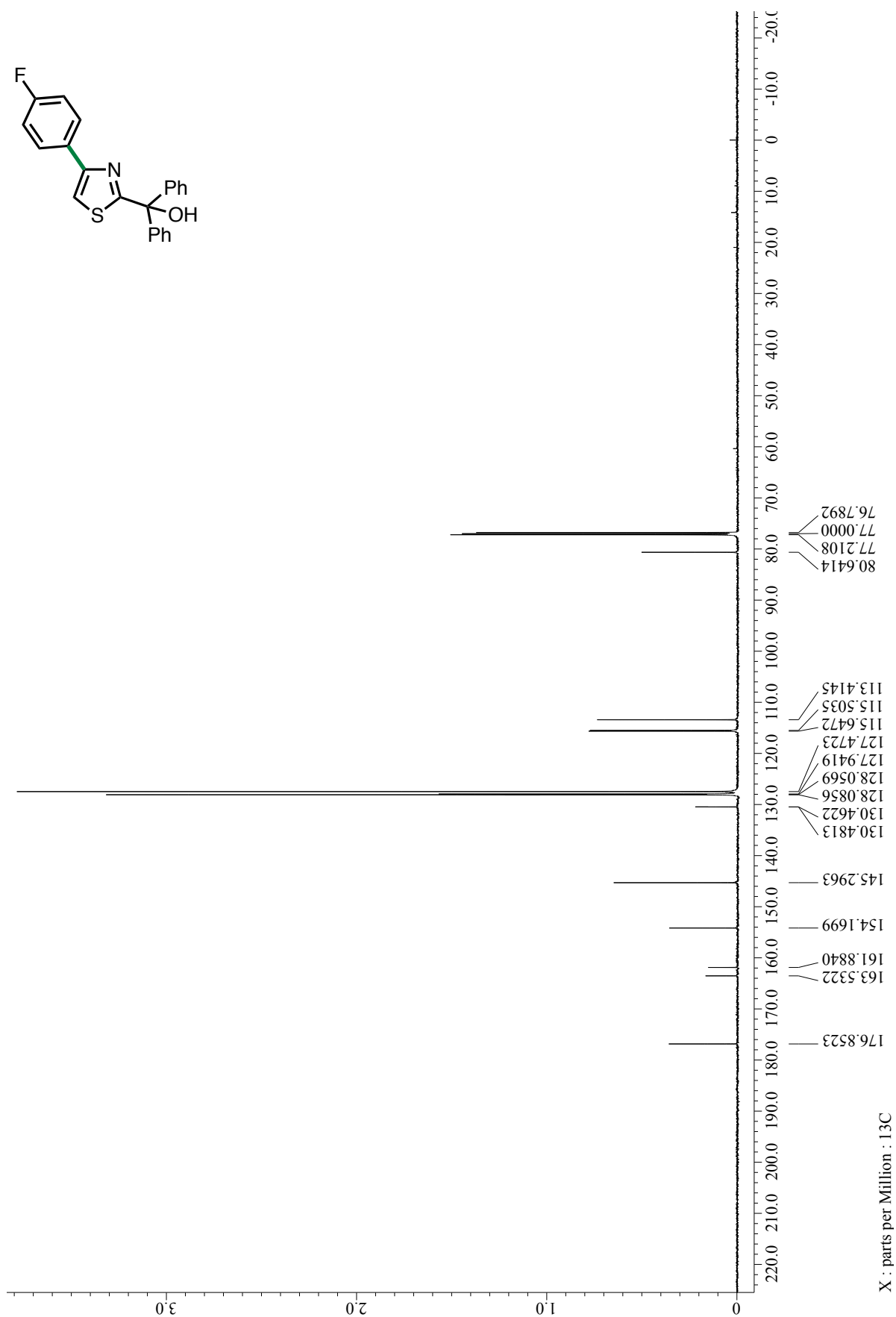
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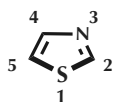


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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



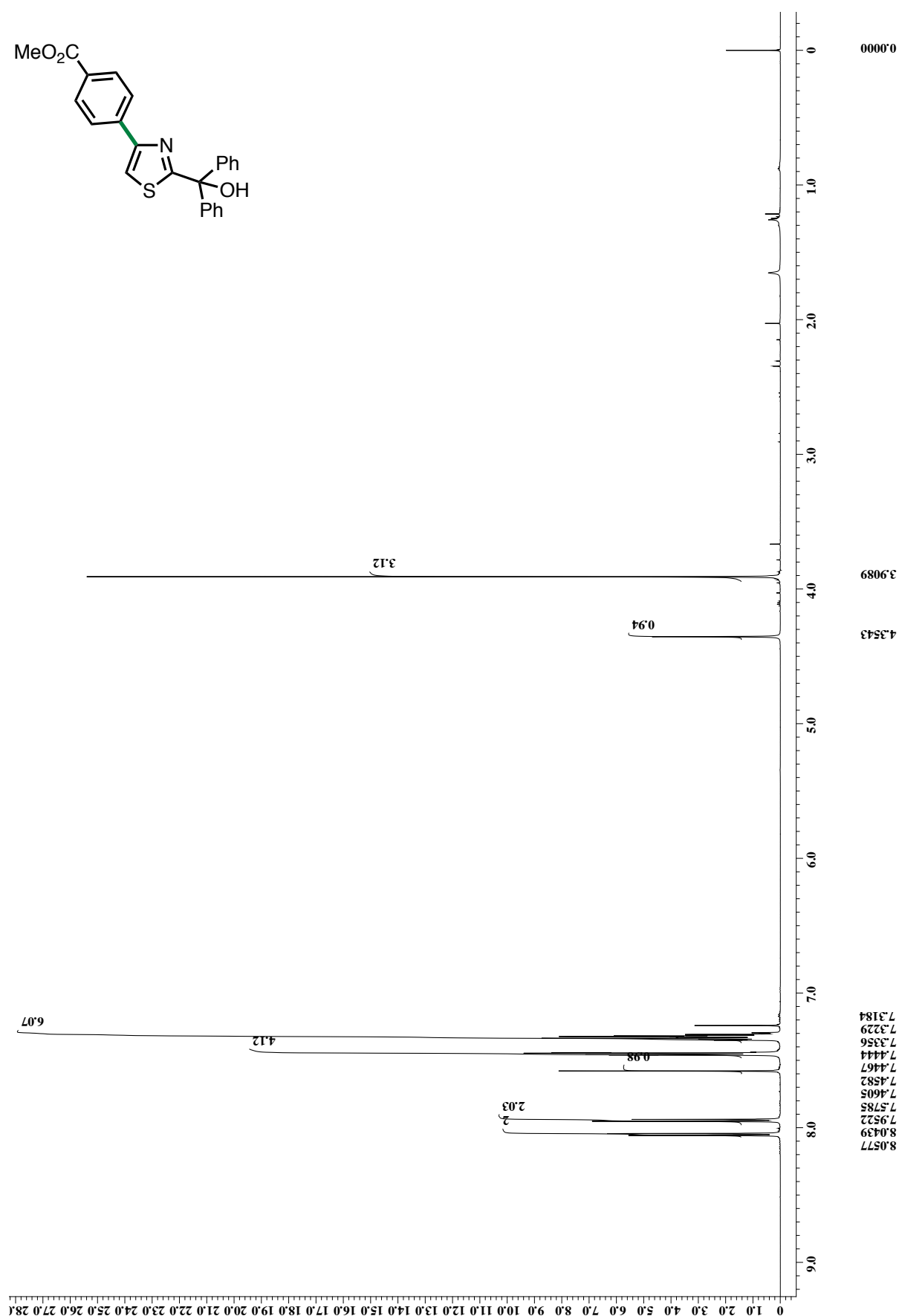
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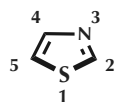


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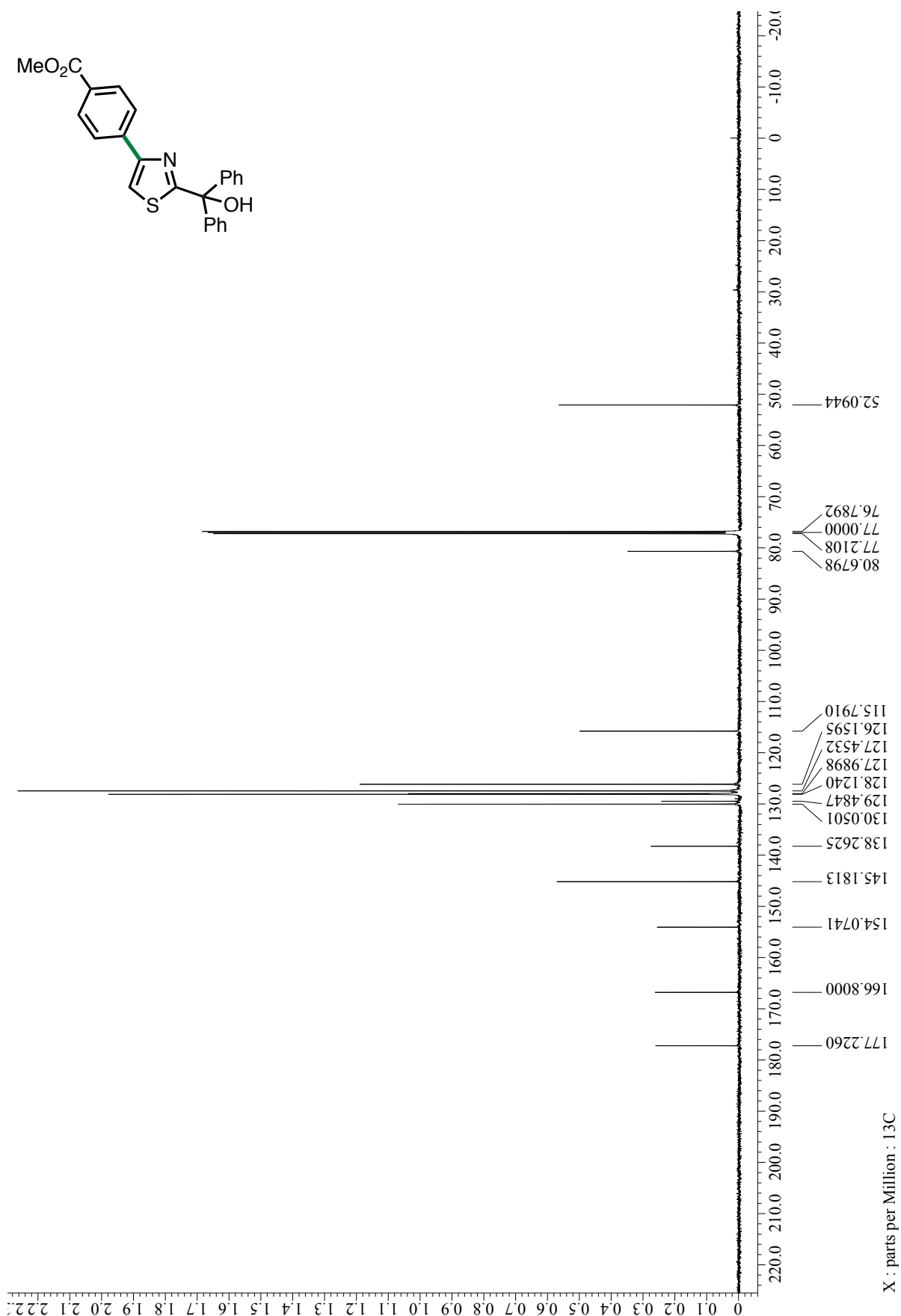
^1H NMR (600 MHz, CDCl_3) of **7n**



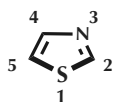
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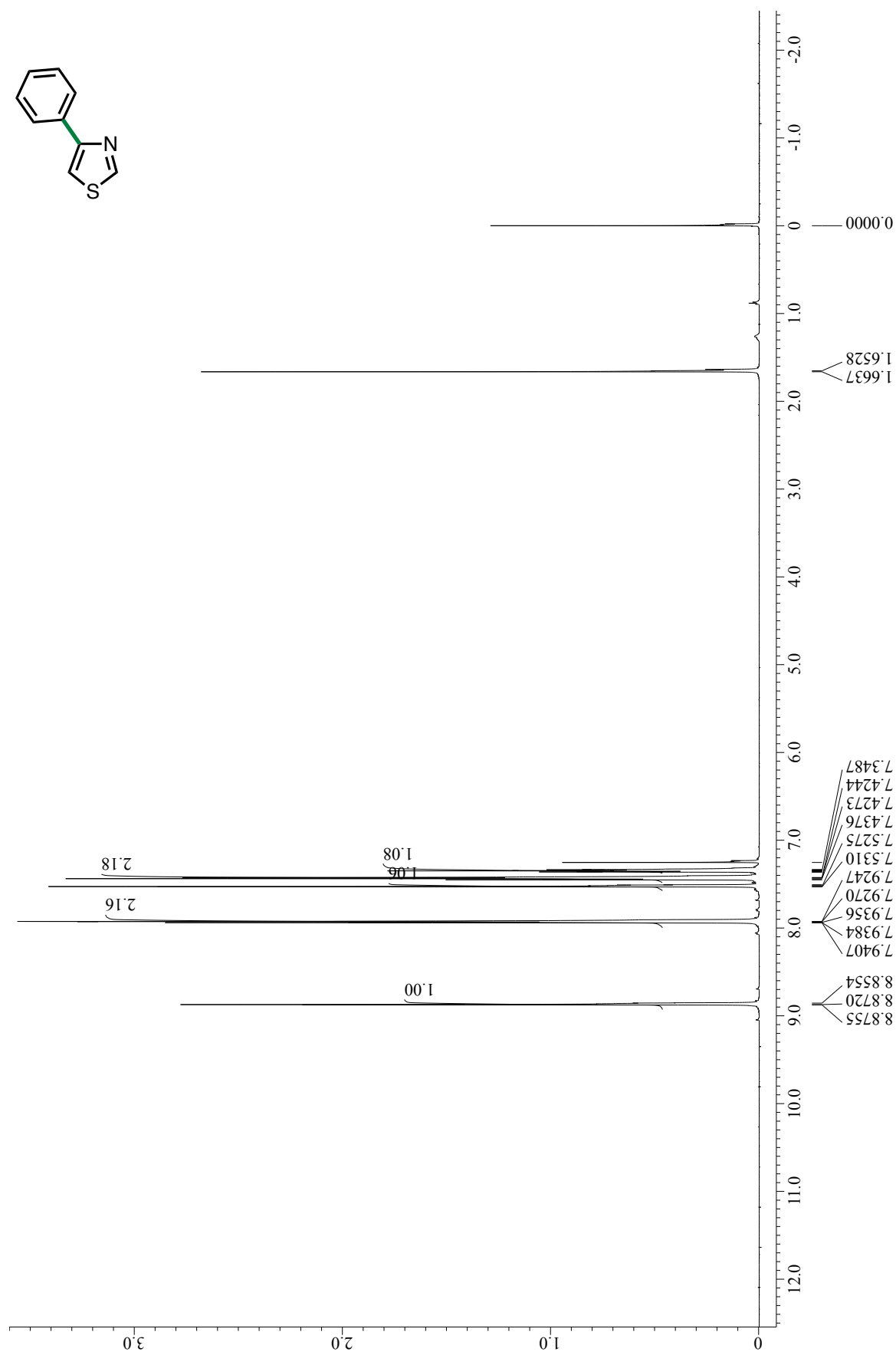
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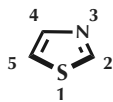
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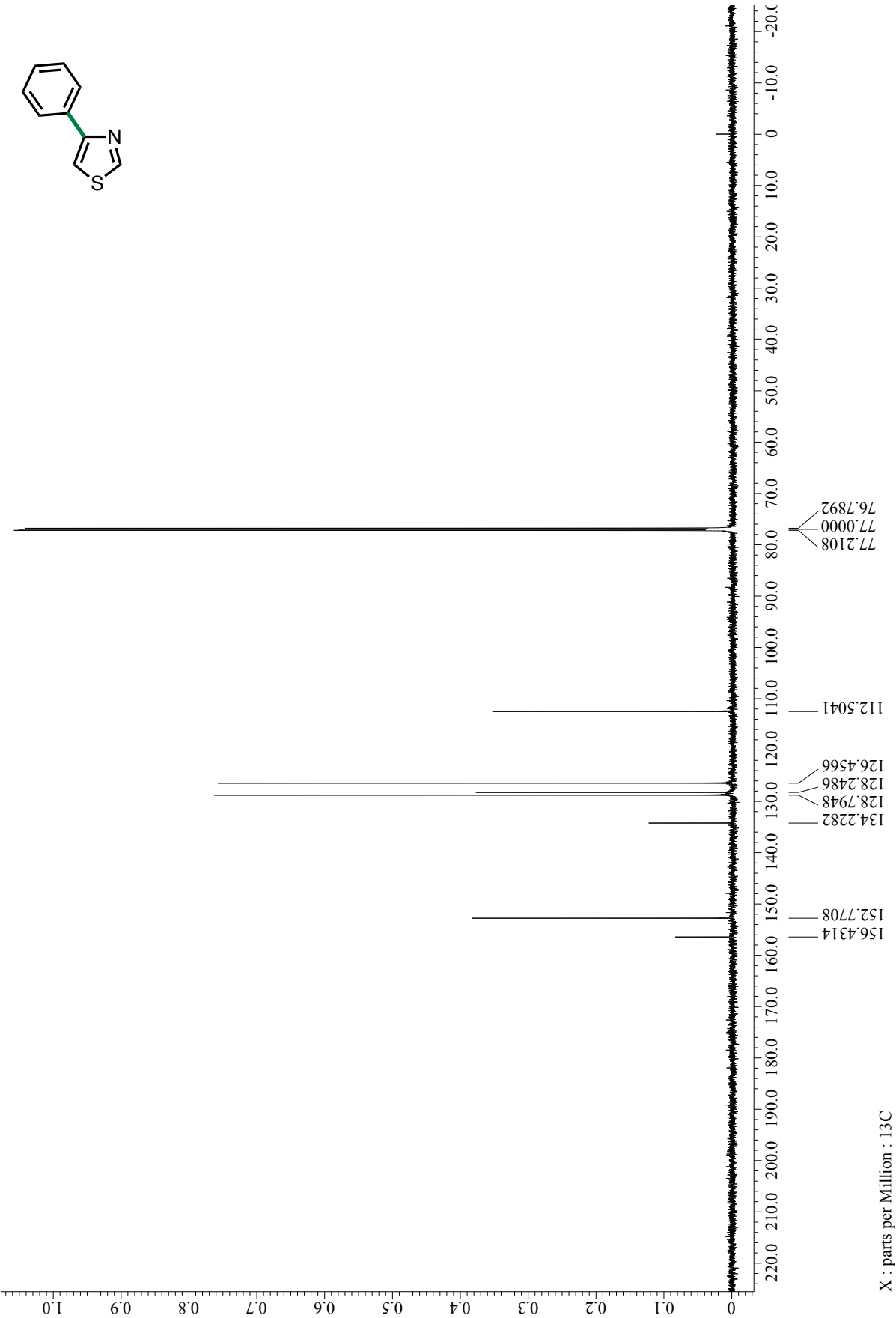
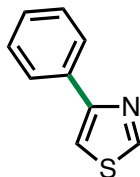
^1H NMR (600 MHz, CDCl_3) of 8a



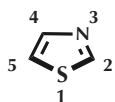
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



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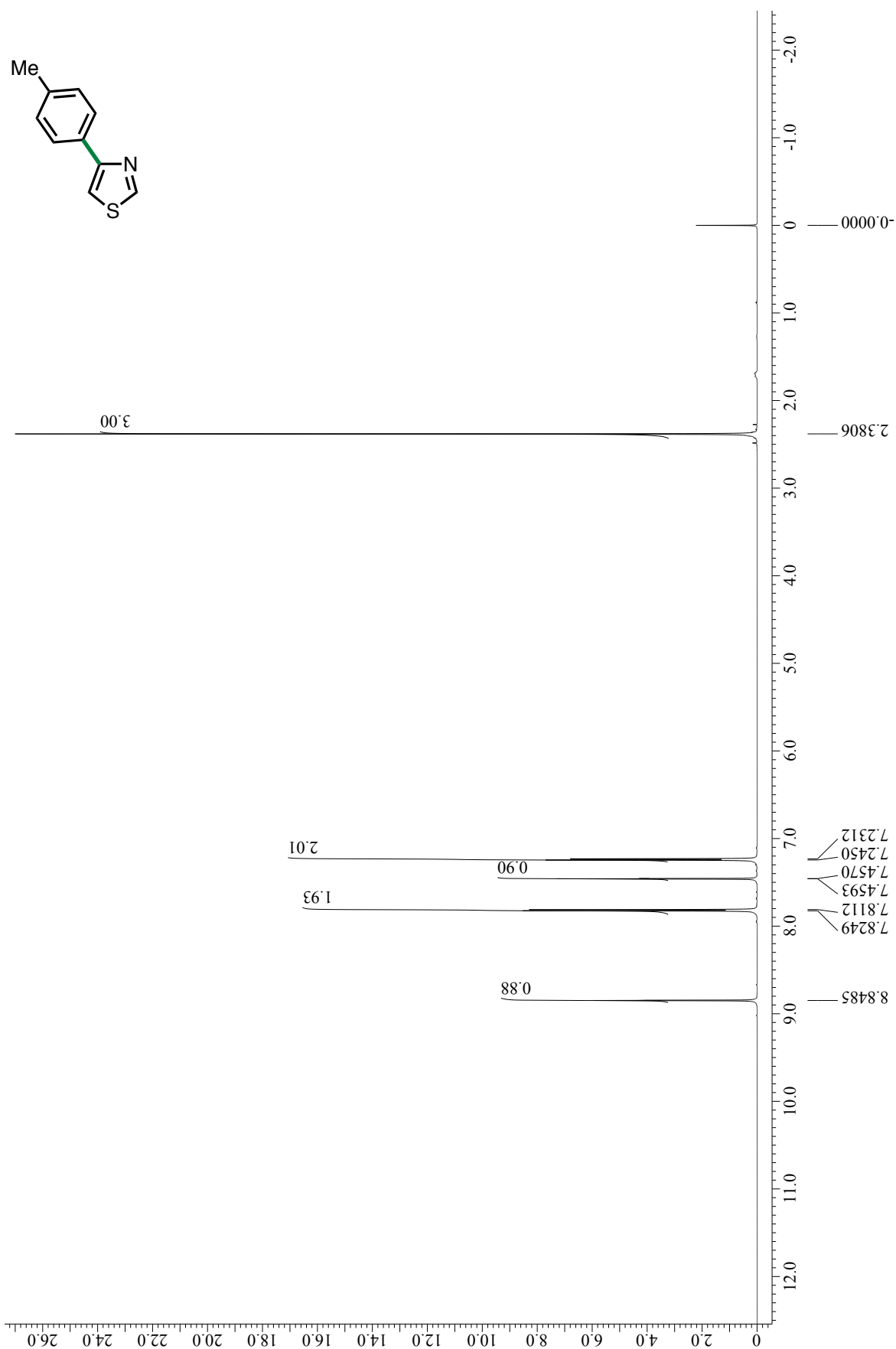


X : parts per Million : 13C

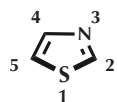


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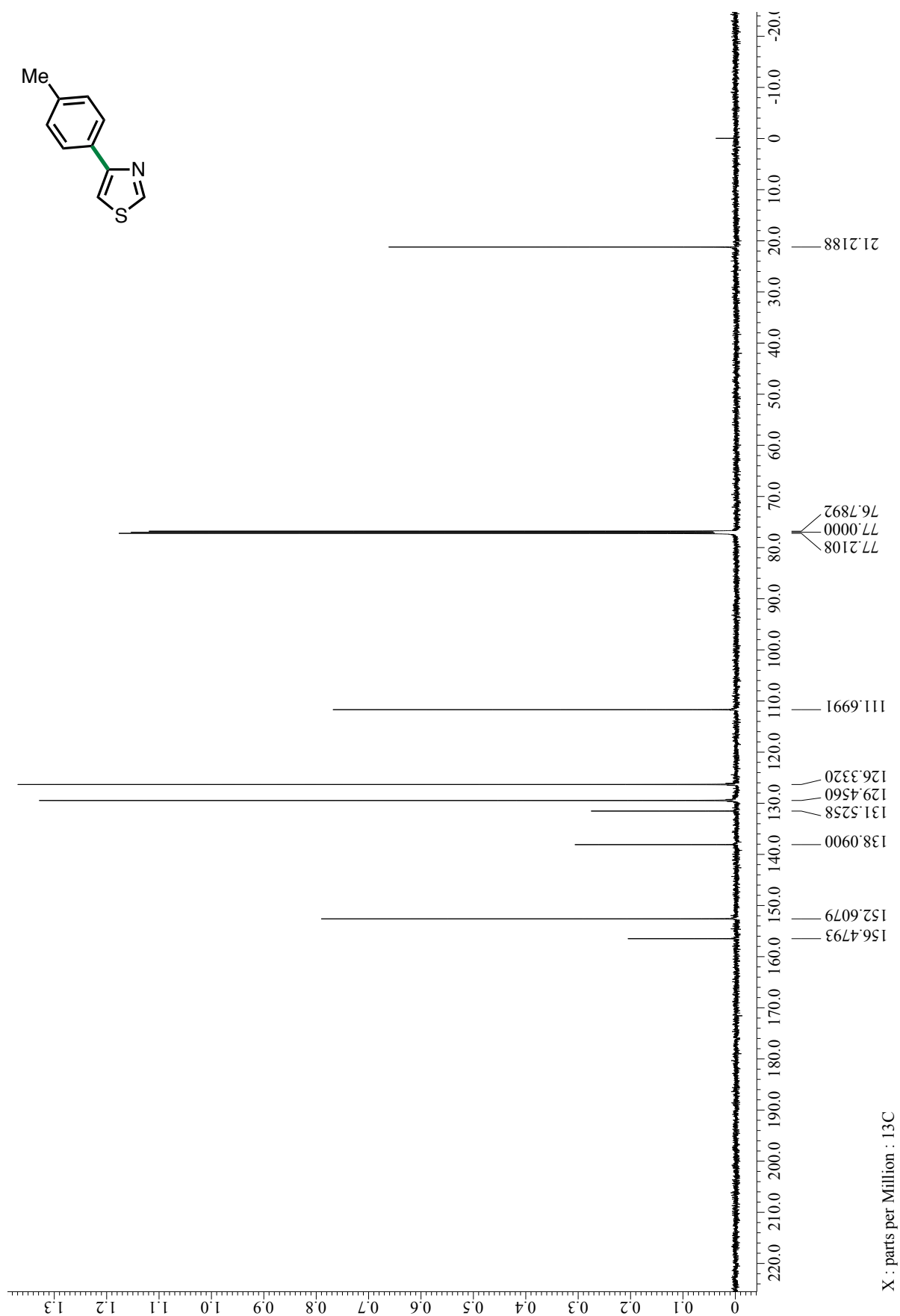
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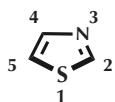


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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



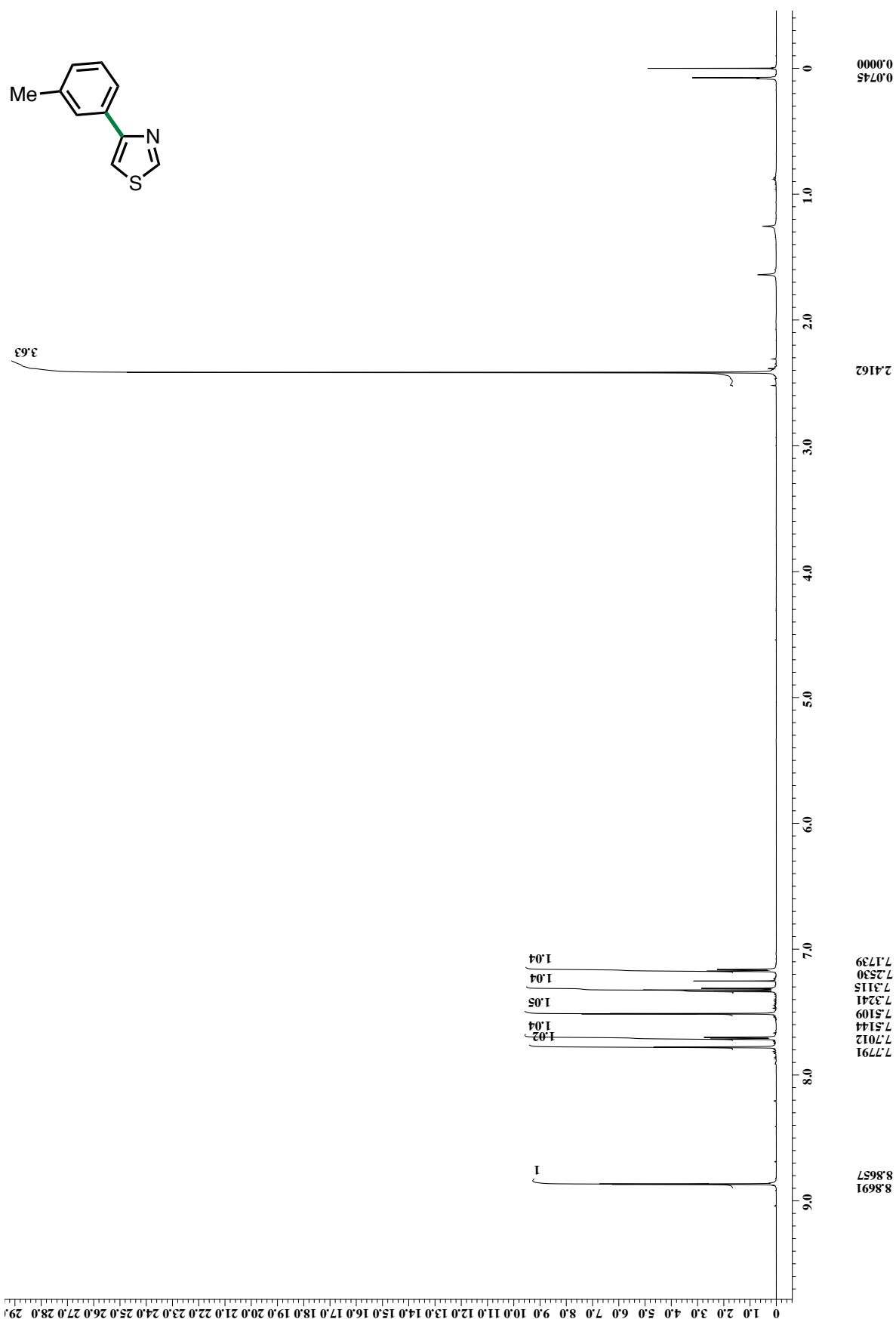
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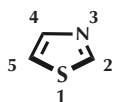


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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

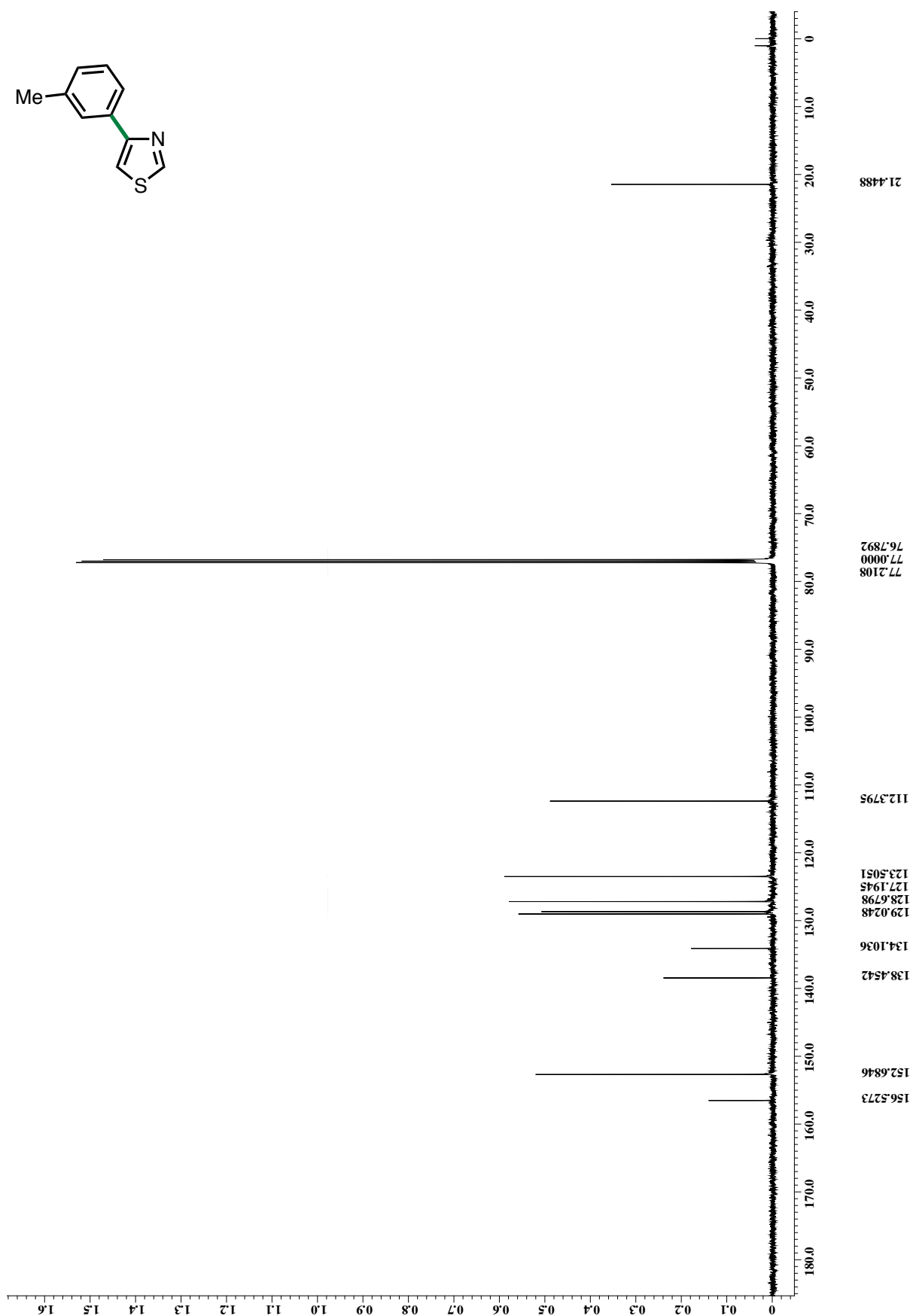
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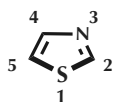


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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



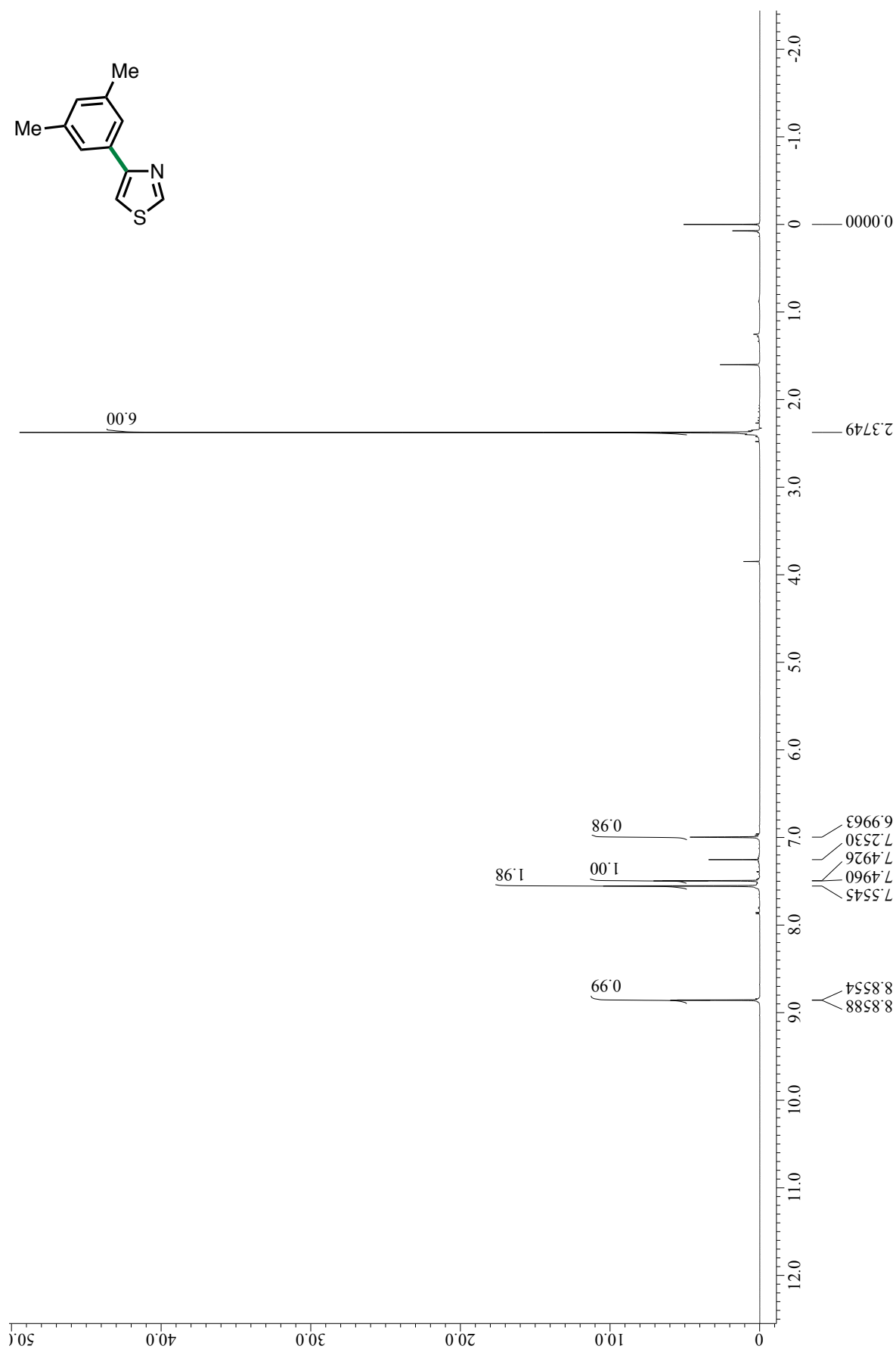
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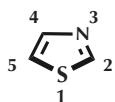


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

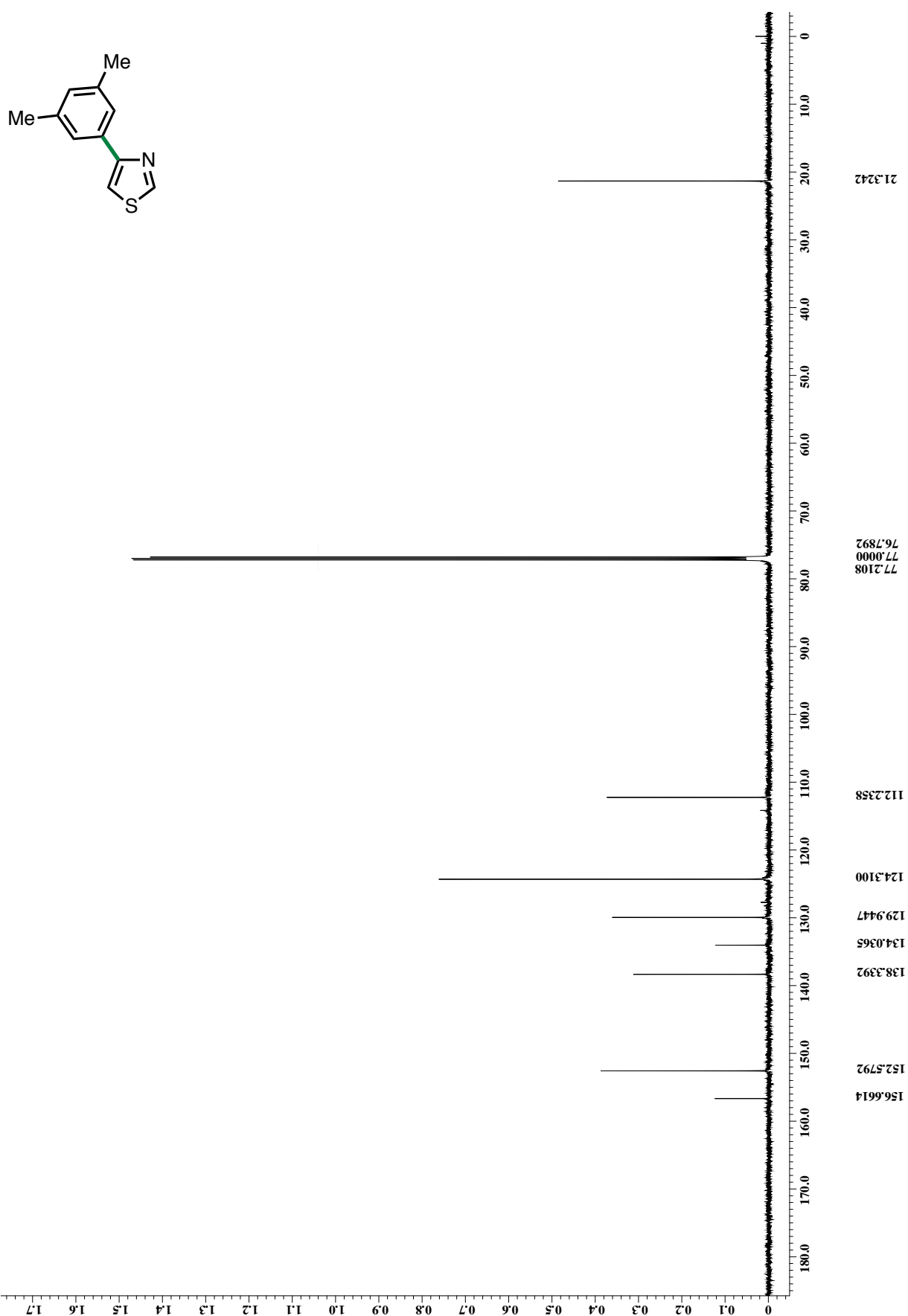
^1H NMR (600 MHz, CDCl_3) of **8e**

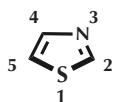


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



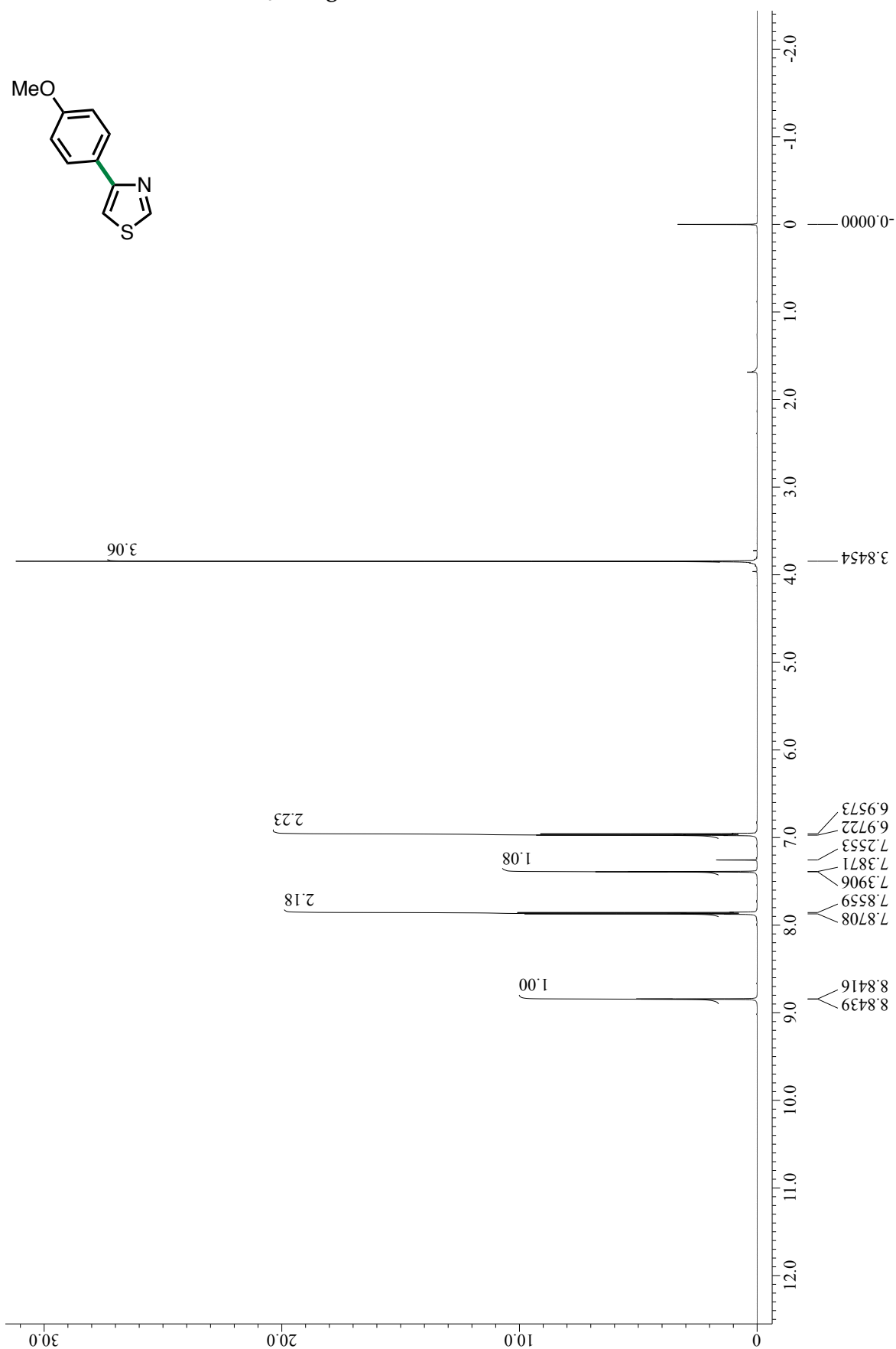
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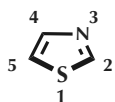




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

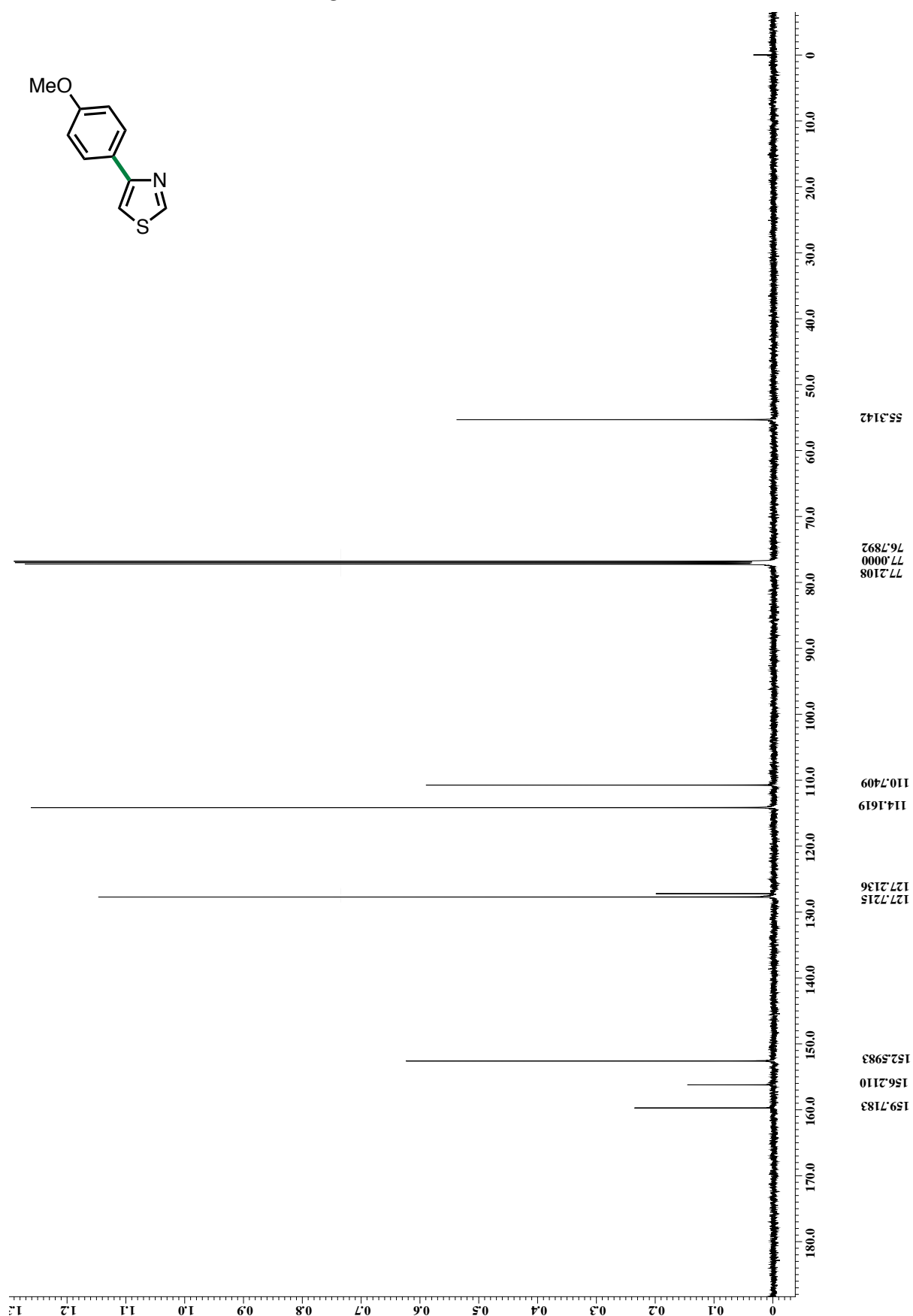
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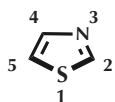




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

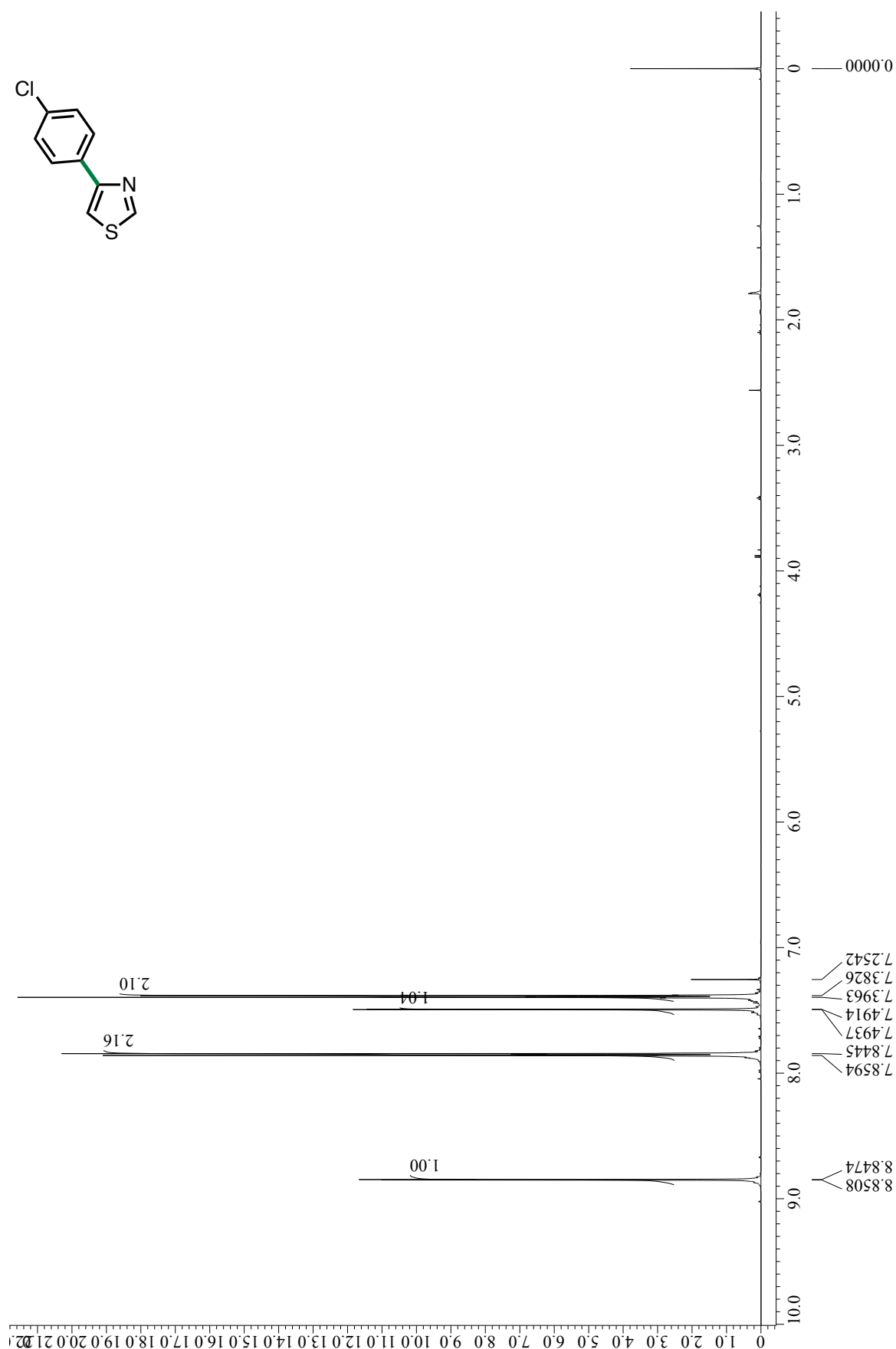
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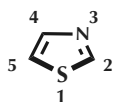




Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

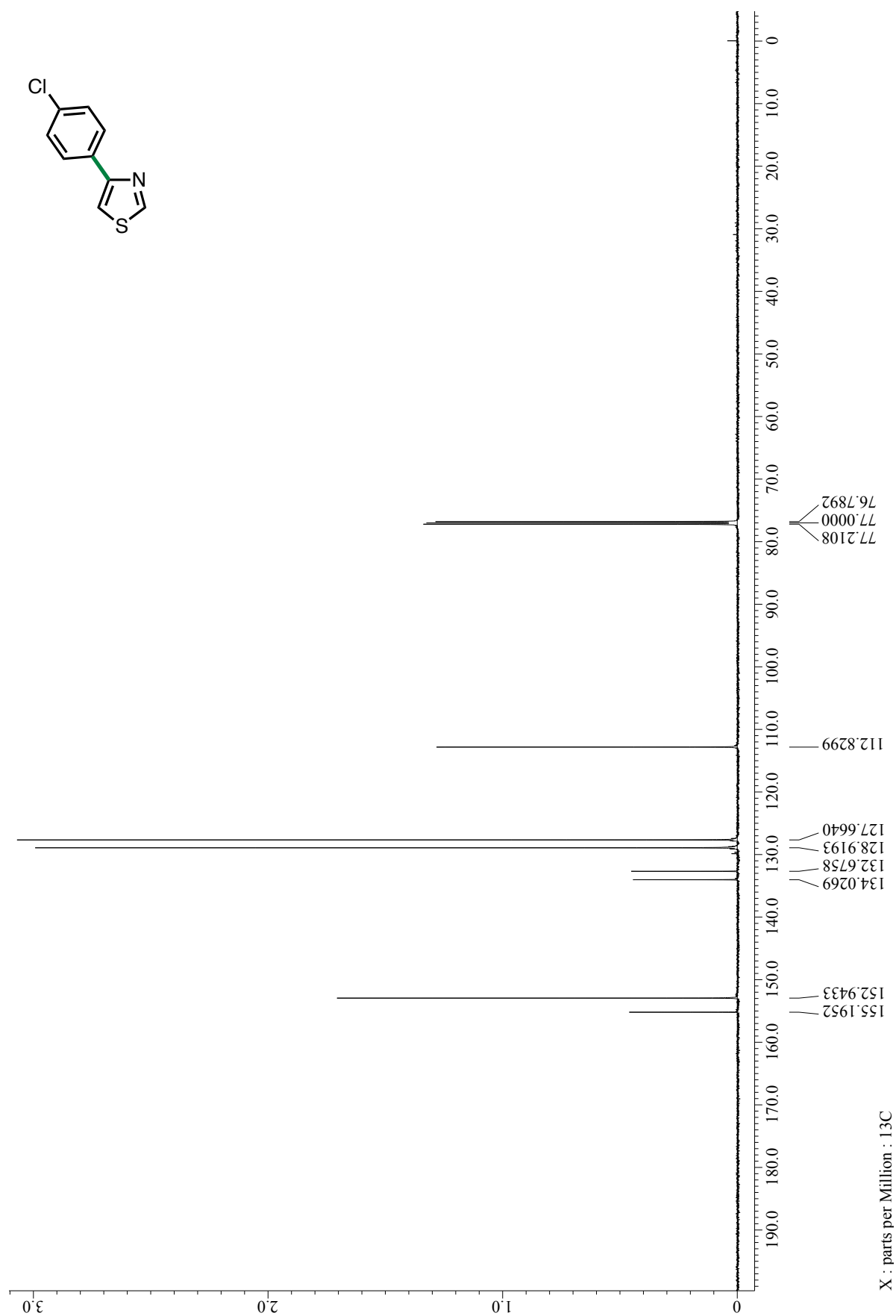
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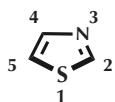


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

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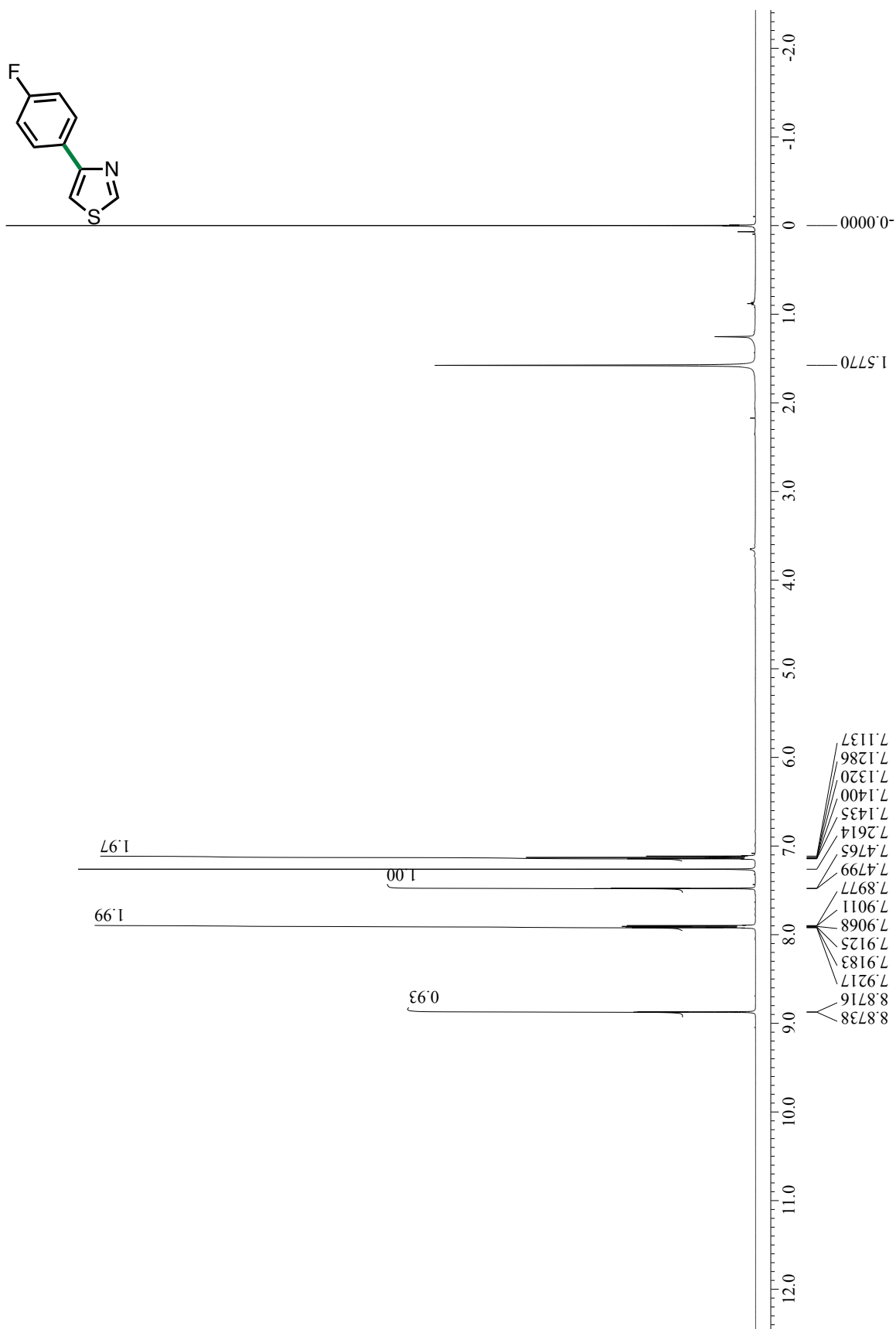


X : parts per Million : ^{13}C

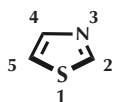


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

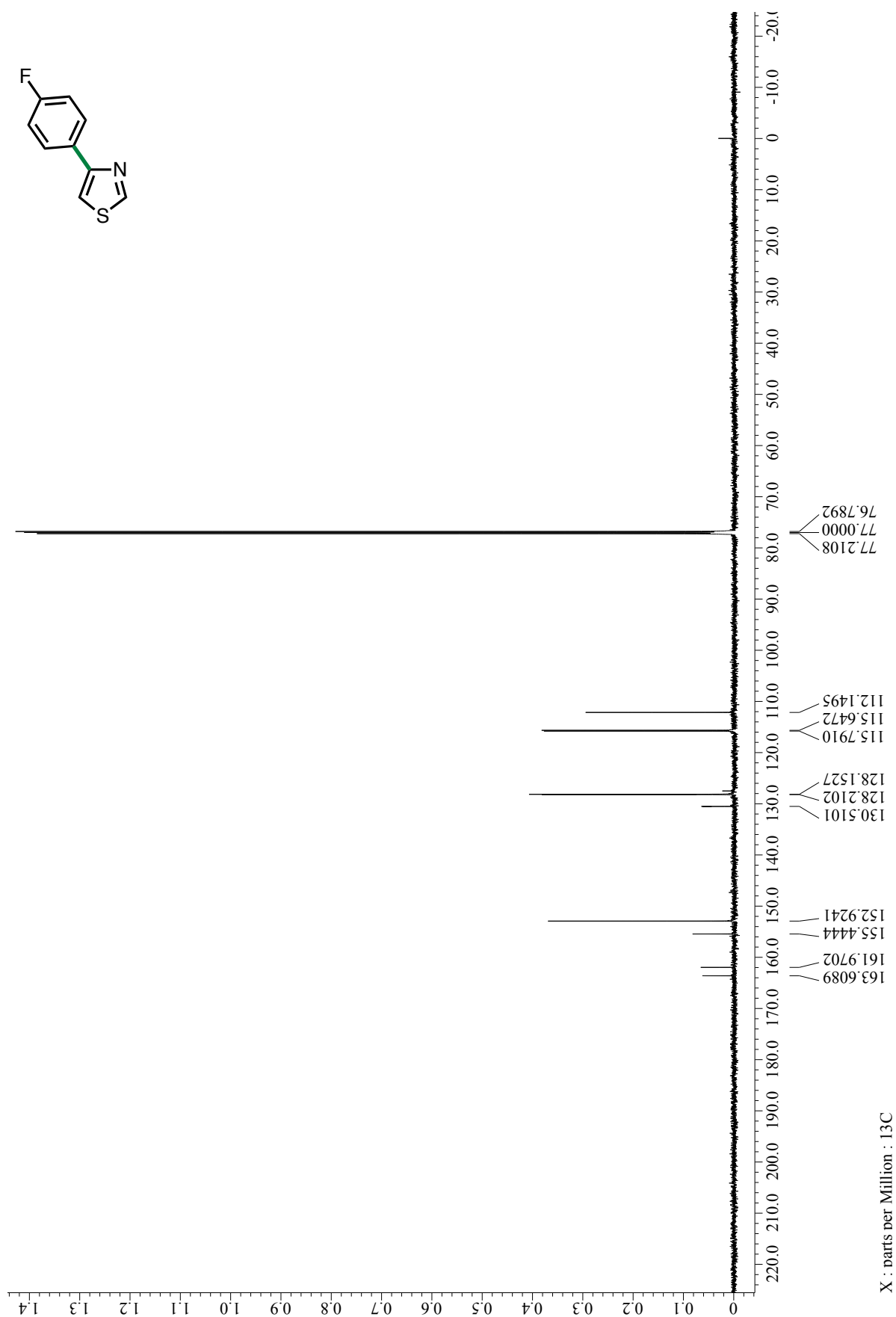
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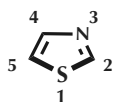


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings



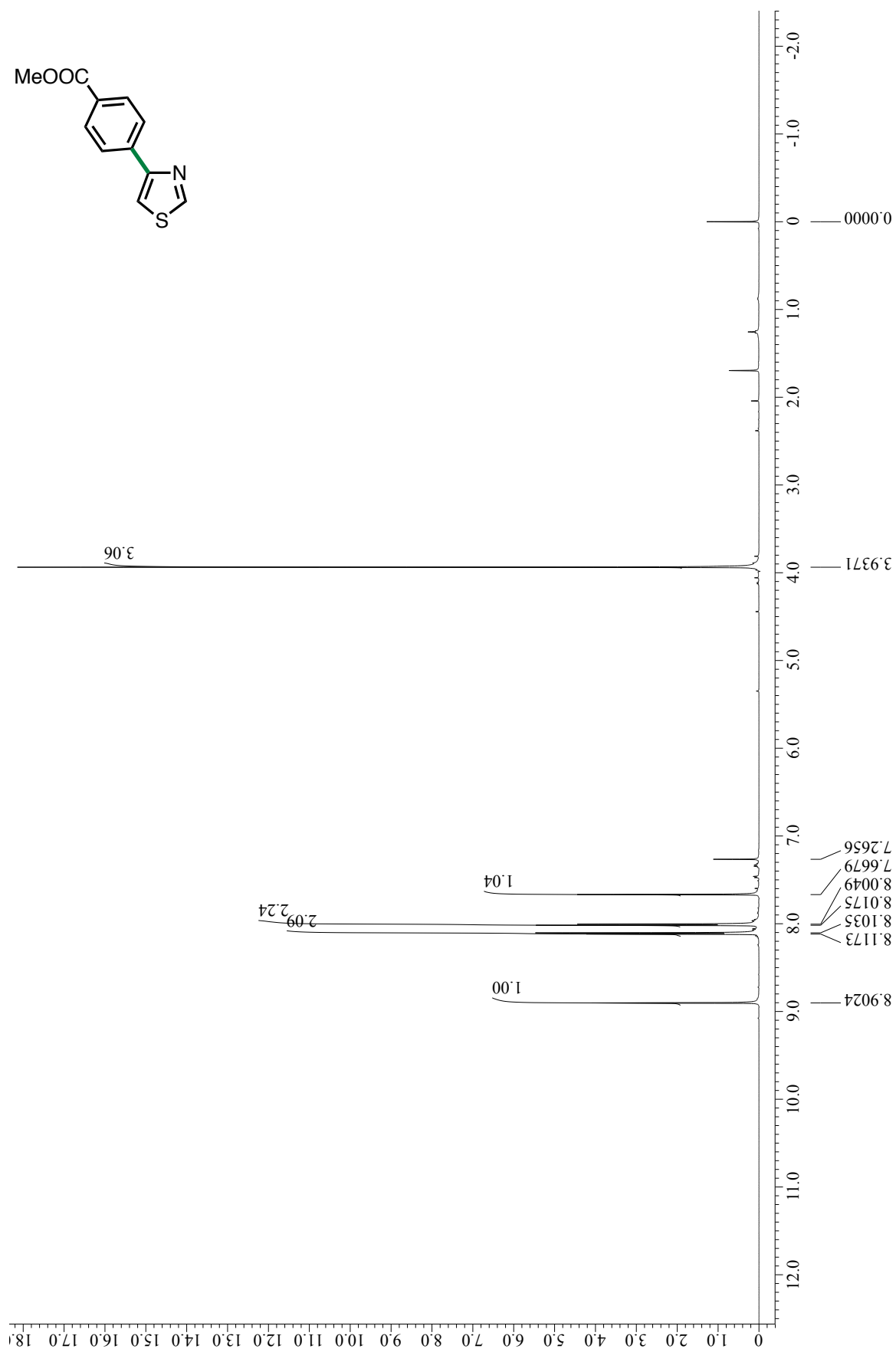
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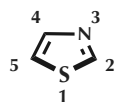


Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

^1H NMR (600 MHz, CDCl_3) of **8n**



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



^{13}C NMR (150 MHz, CDCl_3) of **8n**

