Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12aa
Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12aa
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12ab
Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12ab
$^1$H NMR (600 MHz, CDCl$_3$) of 12ag
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12ag

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$^1$H NMR (600 MHz, CDCl$_3$) of 12ai

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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12ai
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12aj

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Programmed Synthesis of Aryltiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12aj

![Image of a molecule with chemical structures and a 13C NMR spectrum]
Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12ak
$^{13}$C NMR (150 MHz, CDCl$_3$) of 12ak
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12an

![NMR spectrum of 12an](image)
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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12an

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Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12ba
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12ba

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Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12bg
13C NMR (150 MHz, CDCl₃) of 12bg
Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Aryltiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12bj
$^{13}$C NMR (150 MHz, CDCl$_3$) of 12bj

![Chemical structure and NMR spectrum](image)
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12bk
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$C NMR (150 MHz, CDCl$_3$) of 12bk
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12ga

![NMR spectrum of 12ga](image)
Supporting Information (Tani, Uehara, Yamaguchi, Itami)

Programmed Synthesis of Aryltiazoles 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

$^1$H NMR (600 MHz, CDCl$_3$) of 12gb
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12gb

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

$^1$H NMR (600 MHz, CDCl$_3$) of 12gi
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12gi
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12ja

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$^{13}$C NMR (150 MHz, CDCl$_3$) of 12ja
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^1$H NMR (600 MHz, CDCl$_3$) of 12jh
Supporting Information (Tani, Uehara, Yamaguchi, Itami)
Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings

$^{13}$C NMR (150 MHz, CDCl$_3$) of 12jh