







¹³C NMR (150 MHz, CDCl₃) of 10aa

.I I.I

0,1

6'0

8.0

 $L^{i}0$

9.0

5[:]0



¢.0

£.0

 $2^{1}0$









¹³C NMR (150 MHz, CDCl₃) of 10ab





¹H NMR (600 MHz, CDCl₃) of 10ac









¹H NMR (600 MHz, CDCl₃) of 10ae



5

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





¹H NMR (600 MHz, CDCl₃) of 10ag





¹³C NMR (150 MHz, CDCl₃) of 10ag





¹H NMR (600 MHz, CDCl₃) of 10aj











¹H NMR (600 MHz, CDCl₃) of 10an





¹³C NMR (150 MHz, CDCl₃) of 10an











¹³C NMR (150 MHz, CDCl₃) of 10ba





¹H NMR (600 MHz, CDCl₃) of 10bg









¹H NMR (600 MHz, CDCl₃) of 10bj



5 L

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





¹H NMR (600 MHz, CDCl₃) of 10ea











¹H NMR (600 MHz, CDCl₃) of 10ga





¹³C NMR (150 MHz, CDCl₃) of 10ga

OMe



0,1

 $5^{!}0^{!}$



¹H NMR (600 MHz, CDCl₃) of 10gb





¹³C NMR (150 MHz, CDCl₃) of 10gb





¹H NMR (600 MHz, CDCl₃) of 10gj





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

¹³C NMR (150 MHz, CDCl₃) of 10gj





¹H NMR (600 MHz, CDCl₃) of 10ha





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

¹³C NMR (150 MHz, CDCl₃) of 10ha





¹H NMR (600 MHz, CDCl₃) of 10hb



2

5

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





¹H NMR (600 MHz, CDCl₃) of 10hg





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

¹³C NMR (150 MHz, CDCl₃) of 10hg

MeC -м У



\$[!]0

 $t^{!}0$

9.0

0⁷ 0⁸ 0^{.9} 1^{.0} 1^{.0} 1^{.1} 1^{.2} 1^{.3} 1^{.4} 1^{.2} 1^{.6}









¹³C NMR (150 MHz, CDCl₃) of 10ig





¹H NMR (600 MHz, CDCl₃) of 10ja





1

1.0 1.1 1.2 1.3 1.4

6'0

8.0

 L^{0}

9[!]0

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

¹³C NMR (150 MHz, CDCl₃) of 10ja





5[!]0

 $p^{\cdot}0$



¹H NMR (600 MHz, CDCl₃) of 10jb



₅ **∠**

2

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



¹³C NMR (150 MHz, CDCl₃) of 10jb



¹H NMR (600 MHz, CDCl₃) of 10jn



5

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

¹³C NMR (150 MHz, CDCl₃) of 10jn





¹H NMR (600 MHz, CDCl₃) of 10ka





¹³C NMR (150 MHz, CDCl₃) of 10ka





¹H NMR (600 MHz, CDCl₃) of 10kb











¹H NMR (600 MHz, CDCl₃) of 10na











¹H NMR (600 MHz, CDCl₃) of 10oa







. I

1.3

2.1

1.1

0.1

6.0

8.0

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

¹³C NMR (150 MHz, CDCl₃) of 10oa



S282

¢.0

5[!]0

9¹0

 L^{0}

220.0

Ó

2.0

1.0

£¹0



¹H NMR (600 MHz, CDCl₃) of 10ra





-20.0

-10.0

¹³C NMR (150 MHz, CDCl₃) of 10ra







¹H NMR (600 MHz, CDCl₃) of 10tb





¹³C NMR (150 MHz, CDCl₃) of 10tb





¹H NMR (600 MHz, CDCl₃) of 10wa





1.3

2.1

1.1

0.1

6'0

8'0

 $L^{!}0$

9[!]0

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

¹³C NMR (150 MHz, CDCl₃) of 10wa





¢.0

£,0

£ 0



¹H NMR (600 MHz, CDCl₃) of fatostatin







