One-pot three-component domino protocol for the synthesis of novel pyrano[2,3-d]pyrimidines as antimicrobial and anti-biofilm agents

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SOME SELECTED SPECTRA (Supplementary information)

IR Spectrum of compound 4a
Mass Spectrum of compound 4a

$^1$H NMR Spectrum of compound 4a
$^{13}$C NMR Spectrum of compound 4a

IR Spectrum of compound 4b
$^1$H NMR Spectrum of compound 4b

$^{13}$C NMR Spectrum of compound 4b
IR Spectrum of compound 4c

^1H NMR Spectrum of compound 4c
$^{13}$C NMR Spectrum of compound 4c

IR Spectrum of compound 4d
$^1$H NMR Spectrum of compound 4d

IR Spectrum of compound 4e
Mass Spectrum of compound 4e

$^1$H NMR Spectrum of compound 4e
$^{13}$C NMR Spectrum of compound 4e

IR Spectrum of compound 4f
$^1$H NMR Spectrum of compound 4f

$^{13}$C NMR Spectrum of compound 4f
IR Spectrum of compound 4g

Mass Spectrum of compound 4g
$^{1}$H NMR Spectrum of compound 4g

IR Spectrum of compound 4h
\(^1\)H NMR Spectrum of compound 4h

IR Spectrum of compound 4i
$^1$H NMR Spectrum of compound **4i**

IR Spectrum of compound **4j**
$^1$H NMR Spectrum of compound 4j

IR Spectrum of compound 4k
$^1$H NMR Spectrum of compound 4k

$^{13}$C NMR Spectrum of compound 4k
IR Spectrum of compound 4l

^1^H NMR Spectrum of compound 4l
$^{13}$C NMR Spectrum of compound 4l