Environmental friendly domino multicomponent strategy for the synthesis of pyrroloquinolinone hybrid heterocycles

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Selected $^1$H and $^{13}$C NMR spectrums
$^1$H-NMR spectrum of compound 3
$^{13}$C-NMR spectrum of compound 3
DEPT-NMR spectrum of compound 3
\(^1\)H NMR spectrum of compound 9a

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$^{13}$C NMR spectrum of compound 9a
DEPT 135 NMR spectrum of compound 9a
$^1$H NMR spectrum of compound 9b
$^{13}$C NMR spectrum of compound $9b$
DEPT 135 NMR spectrum of compound 9b
$^1$H NMR spectrum of compound 9e
$^{13}$C NMR spectrum of compound 9c
$^{1}$H NMR spectrum of compound 9d
$^{13}$C NMR spectrum of compound 9d
DEPT 135 NMR spectrum of compound 9d
1H-NMR spectrum of compound 10a
$^{13}$C-NMR spectrum of compound 10a
DEPT 135-NMR spectrum of compound 10a
$^1$H NMR spectrum of compound 10b
$^{13}$C-NMR spectrum of compound 10b
DEPT 135-NMR spectrum of compound 10b
$^1$H NMR spectrum of compound 10c
$^{13}$C-NMR spectrum of compound 10c
DEPT 135-NMR Spectrum of compound 10c
$^1$H NMR spectrum of compound 12a
$^{13}$C NMR spectrum of compound 12a
DEPT 135 NMR spectrum of compound 12a
$^1$H NMR spectrum of compound 12b
$^{13}$C NMR spectrum of compound 12b
$^1$H NMR spectrum of compound 12c
$^{13}$C NMR spectrum of compound 12c
DEPT 135 NMR spectrum of compound 12c