DMSO as a Dual Carbon Synthon in One-pot Tandem Synthesis of N-alkylated Quinazolinones from Anthranilamides and Acetophenones

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$^1$H and $^{13}$C NMR spectra of 3aa in CDCl$_3$ at 400 MHz

Dec22-2021
py-01-acetophenone

3aa

Dec22-2021
py-01-acetophenone

3aa
$^1\text{H}$ and $^{13}\text{C}$ NMR spectra of 3ab in CDCl$_3$ at 400 MHz
$^1H$ and $^{13}C$ NMR spectra of 3ac in CDCl$_3$ at 400 MHz
$^1$H and $^{13}$C NMR spectra of 3ad in CDCl$_3$ at 400 MHz
$^1$H and $^{13}$C NMR spectra of 3ae in CDCl$_3$ at 400 MHz

$^1$H NMR spectrum of 3ae in CDCl$_3$ at 400 MHz.

$^{13}$C NMR spectrum of 3ae in CDCl$_3$ at 400 MHz.
$^1H$ and $^{13}C$ NMR spectra of 3af in CDCl$_3$ at 400 MHz
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$^1$H and $^{13}$C NMR spectra of 3ah in CDCl$_3$ at 400 MHz
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$^1$H and $^{13}$C NMR spectra of 3ak in DMSO-d$_6$ at 400 MHz
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$^1$H and $^{13}$C NMR spectra of 3an in CDCl$_3$ 400 MHz
$^{1}H$ and $^{13}C$ NMR spectra of 3ao in CDCl$_3$ 400 MHz
$^1H$ and $^{13}C$ NMR spectra of 3ap in CDCl$_3$ 400 MHz
$^1H$ and $^{13}C$ NMR spectra of 3aq in CDCl$_3$ 400 MHz
^{1}H and ^{13}C NMR spectra of 3ar in CDCl₃ 400 MHz
$^1H$ and $^{13}C$ NMR spectra of 3as in CDCl$_3$ 400 MHz
$^1$H and $^{13}$C NMR spectra of 3ba in CDCl$_3$, 400 MHz

![NMR Spectra Diagram](image_url)
$^1$H and $^{13}$C NMR spectra of 3ca in CDCl$_3$ 400 MHz
\(^{19}\text{F}\) NMR spectra of 3ca in CDCl\(_3\)
$^1H$ and $^{13}C$ NMR spectra of 3a in DMSO-d$_6$ at 400 MHz

![NMR Spectra](image)

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$^1$H NMR and $^{13}$C NMR Spectra of 3aa-d$_3$ in CDCl$_3$