$^1$H NMR and $^{13}$C NMR of compound (3a)
$^1$H NMR and $^{13}$C NMR of compound (3b)
$^1$H NMR and $^{13}$C NMR of compound (3c)
$^1$H NMR and $^{13}$C NMR of compound (3d)
$^1$H NMR and $^{13}$C NMR of compound (3e)
$^1$H NMR and $^{13}$C NMR of compound (3f)
$^1$H NMR and $^{13}$C NMR of compound (3g)
$^1$H NMR and $^{13}$C NMR of compound (3h)
$^1$H NMR and $^{13}$C NMR of compound (3i)
$^1$H NMR and $^{13}$C NMR of compound (3j)
$^1$H NMR and $^{13}$C NMR of compound (3k)
$^1$H NMR and $^{13}$C NMR of compound (3l)
$^1$H NMR and $^{13}$C NMR of compound (3m)
$^{1}H$ NMR and $^{13}C$ NMR of compound (3n)
$^1$H NMR and $^{13}$C NMR of compound (3o)
$^1$H NMR and $^{13}$C NMR of compound (3p)
$^1$H NMR and $^{13}$C NMR of compound (5a)

![Chemical Structure](image)

![NMR Spectra](image)
$^1$H NMR and $^{13}$C NMR of compound (5b)
$^1$H NMR and $^{13}$C NMR of compound (5c)
$^1$H NMR and $^{13}$C NMR of compound (5d)
\(^1\)H NMR and \(^{13}\)C NMR of compound (5e)
$^1$H NMR and $^{13}$C NMR of compound (5f)
$^1$H NMR and $^{13}$C NMR of compound (5g)
$^1$H NMR and $^{13}$C NMR of compound (5h)
$^1$H NMR and $^{13}$C NMR of compound (5i)
$^1$H NMR and $^{13}$C NMR of compound (7)
$^1$H NMR and $^{13}$C NMR of compound (8)
1H NMR and 13C NMR of compound (9)