Efficient synthesis of ethyl 2-(oxazolin-2-yl)alkanoates via ethoxycarbonylketene-induced electrophilic ring expansion of aziridines

Yelong Lei and Jiaxi Xu*

State Key Laboratory of Chemical Resource Engineering, Department of Organic Chemistry, College of Chemistry, Beijing University of Chemical Technology, Beijing 100029, People's Republic of China

Email: Jiaxi Xu – jxxu@mail.buct.edu.cn

* Corresponding author

Content

Copies of $^1$H, $^{13}$C, and $^{31}$P NMR spectra of products 3..........................S2
Copies of $^1$H, $^{13}$C, and $^{31}$P NMR spectra of products 3

$^1$H and $^{13}$C NMR of compound 3aa
\(^1\)H and \(^{13}\)C NMR of compound \(3\text{ab}\)
$^1$H and $^{13}$C NMR of compound 3ac
$^1$H and $^{13}$C NMR of compound 3ad
$^1$H and $^{13}$C NMR of compound 3ae
$^1$H and $^{13}$C NMR of compound 3af
$^1$H and $^{13}$C NMR of compound 3ag
$^1$H and $^{13}$C NMR of compound 3ah
$^1$H and $^{13}$C NMR of compound 3ai
$^{1} \text{H}$ and $^{13} \text{C}$ NMR of compound 3bi
$^1\text{H}$ and $^{13}\text{C}$ NMR of compound 3ci
$^1$H and $^{13}$C NMR of compound 3di
$^1$H and $^{13}$C NMR of compound 3ei
$^1$H and $^{13}$C NMR of compound 3fi
1H and 13C NMR of compound 3gi
$^1$H and $^{13}$C NMR of compound 3hi
$^1$H, $^{31}$P, and $^{13}$C NMR of compound 3ii