Bis(indol-2,3-diones): Versatile precursors for novel bis(2',6'-dimethyl-2-oxo-1'H-spiro[indoline-3,4'-pyridine]-3',5'-dicarbonitrile) derivatives

Amr M. Abdelmoniem, Ahmed H. M. Elwahy,* and Ismail A. Abdelhamid*

Chemistry Department, Faculty of Science, Cairo University, Giza-Egypt
E-mail: aelwahy@hotmail.com, ismail_shafy@yahoo.com
$^1$HNMR spectrum of compound 5b
$^{13}$CNMR spectrum of compound 5b
$^{1}$HNMR spectrum of compound 5c
$^{13}$CNMR spectrum of compound $5c$
$^1$HNMR spectrum of compound 5d
$^{13}$CNMR spectrum of compound 5d
$^1$HNMR spectrum of compound 5e
\(^{13}\)CNMR spectrum of compound 5e
\textsuperscript{1}HNMR spectrum of compound 5f
$^{13}$CNMR spectrum of compound 5f