Supporting Information

(10 Pages)

The First Autocatalytic Domino Michael Reaction Leading to Bicyclo[2.2.2]octan-2,5-dione Derivatives

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¹H NMR spectra for compounds **12**, **13**, **14**, **15**, **16**, **18**, **20**, **22** and **27**

Compound **12**

STANDARD PROTON PARAMETERS
 Solvent: CDCl₃
 Ambient temperature
 UNITYplus-500 "Varian"
 PULSE SEQUENCE
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 4.096 sec
 Width 8000.0 Hz
 4 repetitions
 OBSERVE H1, 499.8619177 MHz
 DATA PROCESSING
 FT size 65536
 Total time 1 minute

Compound **15**

Compound **18**