

Supplementary Material

The Niementowski reaction revisited: a new access to pyrano[3,2-c]quinoline-2,5-dione

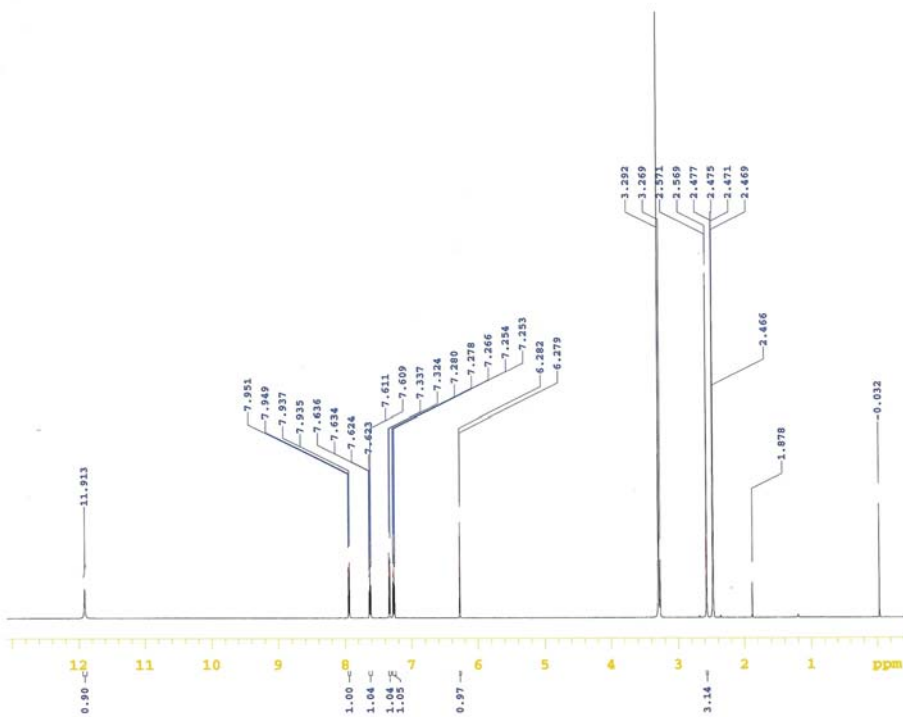
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W. Borzecka
zesp10/Var600/WB-42/WB-42-H1

Sample Name:
WB-42

Data Collected on:
Varian-MGR-vnmrs600

Archive directory:

Sample directory:

Fidfile: PROTON

Pulse Sequence: PROTON (s2pul)

Solvent: dmsd

Data collected on: Apr 28 2011

Solvent: dmsd

Temp. 25.0 C / 298.1 K

Operator: vnmr1

VNMR6-600 "Varian-MGR"

Relax. delay 1.500 sec

Pulse 45.0 degrees

Acq. time 3.618 sec

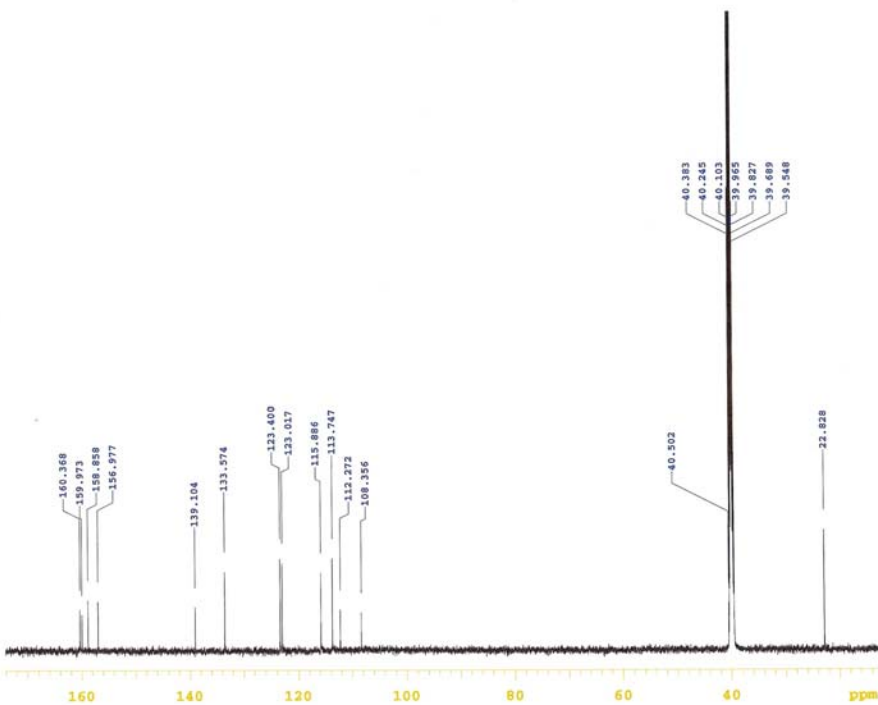
Width 9058.0 Hz

16 repetitions

OBSERVE H1, 599.8379234 MHz

DATA PROCESSING

FT size 65536



W. Borzecka
zesp10/Var600/WB-42/WB-42-C13

Sample Name:
WB-42

Data Collected on:
Varian-MGR-vnmrs600

Archive directory:

Sample directory:

Fidfile: CARBON

Pulse Sequence: CARBON (s2pul)

Solvent: dmsd

Data collected on: Apr 28 2011

Solvent: dmsd

Temp. 25.0 C / 298.1 K

Operator: vnmr1

VNMR6-600 "Varian-MGR"

Relax. delay 0.500 sec

Pulse 30.0 degrees

Acq. time 1.200 sec

Width 37878.8 Hz

8000 repetitions

OBSERVE C13, 150.8293658 MHz

DECOUPLE H1, 599.8409226 MHz

Power 34 dB

continuously on

WALTZ-16 modulated

DATA PROCESSING

Line broadening 2.0 Hz

FT size 131072

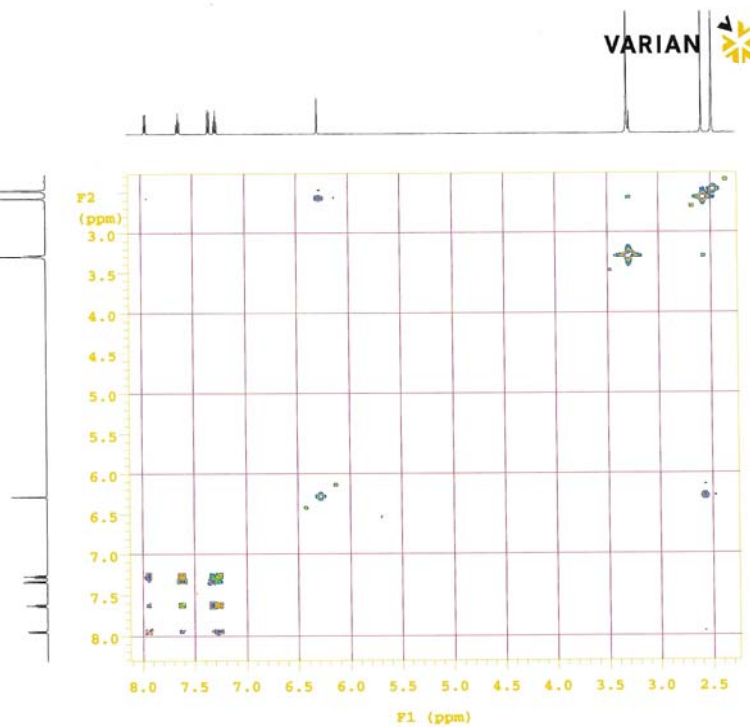
W. Borzecka
zesp10/Var600/WB-42/WB-42-COSY

Sample Name:
WB-42
Data Collected on:
Varian-NMR-vnmrs600
Archive directory:

Sample directory:

Fidfile: COSY

Pulse Sequence: COSY
Solvent: dmsc
Data collected on: Apr 28 2011



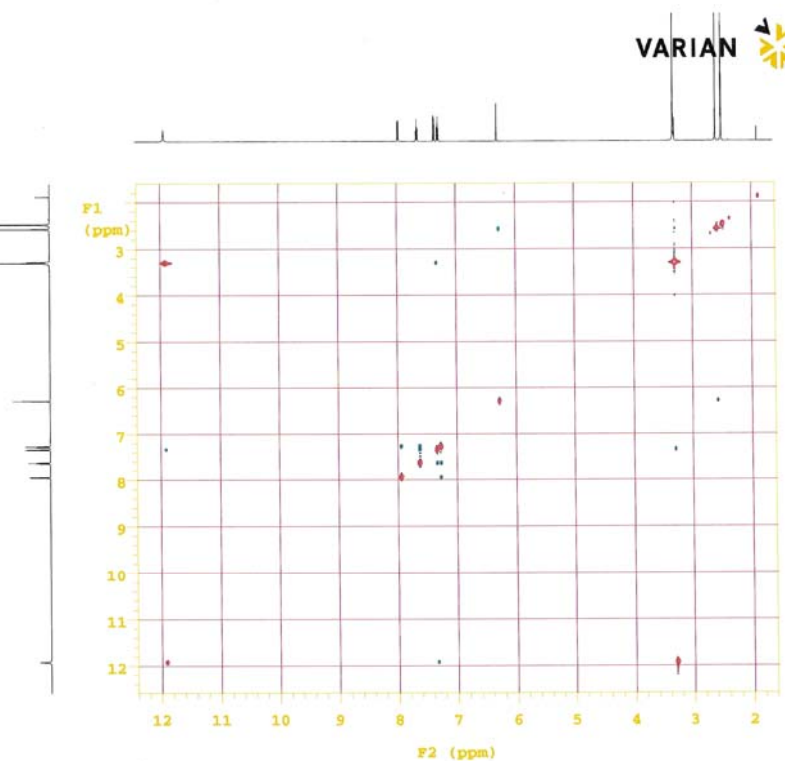
W. Borzecka
zesp10/Var600/WB-42/WB-42-NOESY

Sample Name:
WB-42
Data Collected on:
Varian-NMR-vnmrs600
Archive directory:

Sample directory:

Fidfile: NOESY

Pulse Sequence: NOESY
Solvent: dmsc
Data collected on: Apr 28 2011

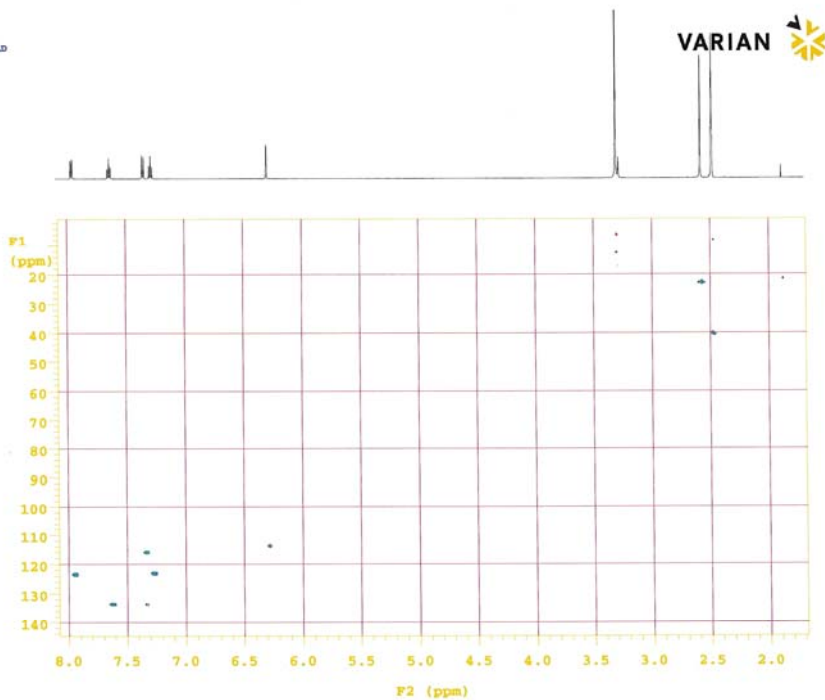


W. Borzecka
 resp10/Var600/WB-42/WB-42-NSQCAD

Sample Name:
 WB-42
 Data Collected on:
 Varian-NMR-vnmrs600
 Archive directory:

Sample directory:
 Fidfile: NSQCAD

Pulse Sequence: NSQCAD
 Solvent: dmsc
 Data collected on: Apr 28 2011



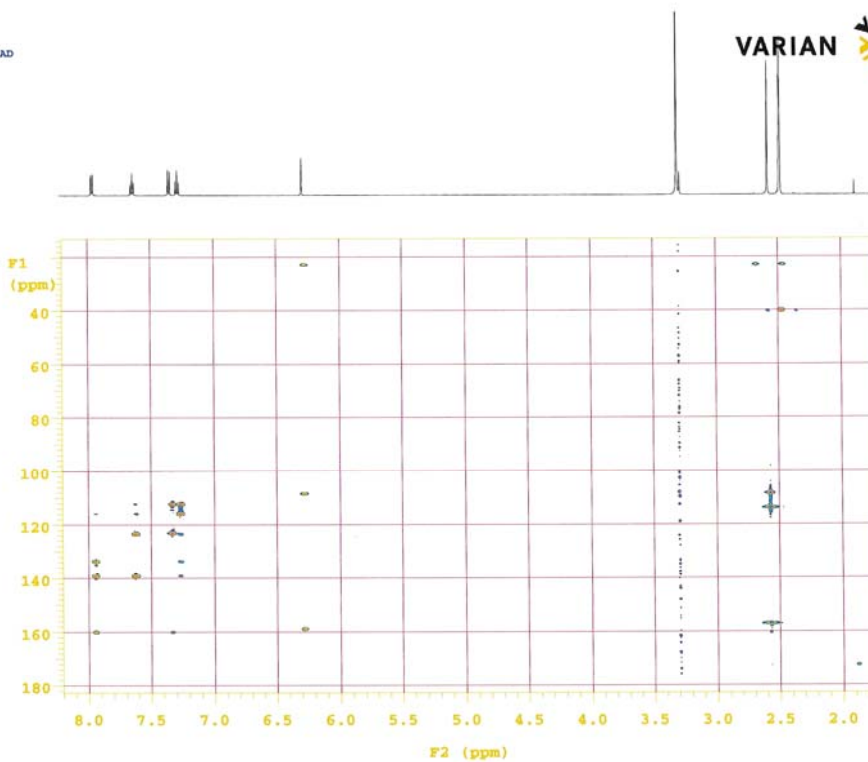
VARIAN

W. Borzecka
 resp10/Var600/WB-42/WB-42-gHBCAD

Sample Name:
 WB-42
 Data Collected on:
 Varian-NMR-vnmrs600
 Archive directory:

Sample directory:
 Fidfile: gHBCAD

Pulse Sequence: gHBCAD
 Solvent: dmsc
 Data collected on: Apr-28-2011



VARIAN

W. Borzecka
 resp10/Var600/HB-42/HB-42-H1
 resp10/Var600/HB-42/HB-42-HSQCAD-M15



Sample Name:
 HB-42
 Data Collected on:
 Varian-NMR-vnmrs600
 Archive directory:

Sample directory:

FidFile: HSQCAD

Pulse Sequence: HSQCAD
 Solvent: dms
 Data collected on: Apr 29 2011

