A General and Efficient 2-Amination of Pyridines and Quinolines, Yin et al

nmr400b h-1
224580-35p-H
2-tBu-NHpy

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224580-46cr
amino-3-picolines

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Current Data Parameters
NAME 95-66frc10-
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20061026
Time 18.05
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 456.1
DM 76.000 usec
DE 6.00 usec
TE 300.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCNPK 0.01500000 sec

***** CHANNEL f1 *****
NUC1 1H
P1 10.75 usec
PL1 6.00 dB
SFO1 399.8724592 MHz

F2 - Processing parameters
SI 16384
SF 399.8700207 MHz
MM no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 40.00 cm
FLP 9.750 ppm
F1 3898.73 Hz
F2P -0.250 ppm
F2 -99.97 Hz
PPMCM 0.25000 ppm/cm
HZCM 99.96751 Hz/cm

X: $TSNH_2$

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nmr400b h-1

Current Data Parameters
NAME 95-41prod
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20061004
Time 12.07
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 456.1
CW 76.000 usec
DE 6.00 usec
TE 300.0 K
D1 0.10000000 sec
HCREST 0.00000000 sec
HCHXK 0.01500000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 10.75 usec
PL1 6.00 dB
SFO1 399.6724592 MHz

F2 - Processing parameters
SI 16384
SF 399.6700207 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 40.00 cm
F1P 9.750 ppm
F1 3898.73 Hz
F2P -0.250 ppm
F2 -99.97 Hz
PPH1M 0.25000 ppm/cm
HZCM 99.96751 Hz/cm

Current Data Parameters
NAME 95-62frc18-
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters

Date_ 20061017
Time 14.20
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SFO1 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 512
DM 76.000 usec
DE 6.00 usec
TE 300.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCMBR 0.01500000 sec

***** CHANNEL f1 *****

NUC1 1H
P1 10.75 usec
PL1 6.00 dB
SFO1 399.8724592 MHz

F2 - Processing parameters

SI 16384
SF 399.8700207 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 40.00 cm
F1P 9.750 ppm
F1 3898.73 Hz
F2P -0.250 ppm
F2 -99.97 Hz
PHECM 0.25000 ppm/cm
H2CM 99.96751 Hz/cm

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nmr400b h-1

Current Data Parameters
NAME 95-57
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20041017
Time 9.40
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 456.1
CW 76.000 usec
DE 6.00 usec
TE 300.0 K
D1 0.10000000 sec
HCREST 0.00000000 sec
HCHX 0.01500000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 10.75 usec
PL1 6.00 dB
SFO1 399.8724592 MHz

F2 - Processing parameters
SI 16384
SF 399.8700208 MHz
WCM no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 40.00 cm
F1P 9.750 ppm
F1 3898.73 Hz
F2P -0.250 ppm
F2 -99.97 Hz
PRNCH 0.25000 ppm/cm
HSCN 99.96751 Hz/cm

Current Data Parameters
NAME 9577freebas
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20061109
Time 11.52
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 6578.947 Hz
FIDRES 0.200774 Hz
AQ 2.4904180 sec
RG 645.1
DW 76.000 usec
DE 6.00 usec
TE 300.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCMRK 0.01500000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 10.75 usec
PL1 6.00 dB
SFO1 399.8724592 MHz

F2 - Processing parameters
SI 16384
SF 399.8700207 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 40.00 cm
F1P 9.750 ppm
F1 3898.73 Hz
F2P -0.250 ppm
F2 -99.97 Hz
PRNCH 0.25000 ppm/cm
HDCM 99.96751 Hz/cm

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nmr400c h1

```
F2 - Acquisition Parameters
Date_      20061010
Time       16.55
```

INSTRUM	SPEC
PROBHD	5 mm QNP
PULPROG	zgpg30

TD	3276
SOLVENT	CHCl ₃
MS	31

DS	6561.68
S&H	0.20024
PIDRES	

NO	2.4970471
P3	645.1
DM	96.20

DE	6.0
FE	300...
DI	0.1000000

MCNIST	0.000000
MCNBAK	0.015000

```
===== CHANNEL 1 =====
MUC1 1
PI 10.0
```

PL1 -5.0
SP01 400.132200

P1 - Processing parameter	
SI	1638
CP	440 110006

100
90
80
70
60
50
40
30
20
10
0

761

ID NMR plot parameters

CI	0.0
FIP	9.75
F1	3501.2
F2	2.46

FAI	0.00
F2	-100.0
PENCM	0.2500
...	...

spring
spring

Legend

SS
19

SS
19