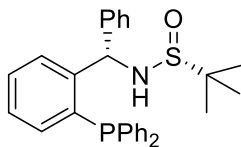


Chemical structure of (S)-1-(2-(diphenylphosphino)phenyl)ethanesulfonamide (1b):

C[C@H](c1ccccc1P(c2ccccc2)c3ccccc3)NS(=O)(=O)C(C)(C)C

¹H NMR spectrum (CDCl₃) data:

Chemical Shift (ppm)	Integration
7.630, 7.398, 7.386, 7.373, 7.308, 7.302, 7.255, 7.239, 7.226, 7.211, 7.196, 7.184, 7.172, 7.159, 7.104, 7.095, 7.083, 7.074, 7.062, 7.048, 7.039, 7.033, 7.026, 6.655, 6.650, 6.641, 6.636	1.01, 1.00, 3.09, 8.13, 6.04, 0.99
3.870	1.00
1.200	9.17



```
Current Data Parameters
NAME      TCG-AC-1-158-pure-3-11-20
EXPNO     1
PROCNO    1
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F2 - Acquisition Parameters
Date_      20200311
Time       13.12 h
INSTRUM     spect
PUBPRG     2855001_G104.f
PROBPG     zc30
TD         65536
SOLVENT     CDCl3
NS         32
DS         2
SWH       120.9.230 Hz
FIDRES     0.366758 Hz
AQ         2.7262976 sec
RG         71.4
DW         41.600 usec
DE         6.50 usec
TE         296.0 K
P1         1.00000000 sec
TD0        -
SF01       529.9597047 MHz
NUC1       1H
P1         7.75 usec
PCW1       11.99499999 W

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F2 - Processing parameters	
SI	65536
SF	599.9550198 MHz
WDW	RM
SSB	0
FB	0.30 Hz
CB	0
PC	1.00