36.9 45.2 45.8 58.3 58.3 47.7 47.8 -112.226 -112.237 -112.242 -112.251 -112.260 -112.265 FREQUENCY -52786.5 -52791.7 -52793.9 -52803 -52804.9 -52810.0 INDEX H 7 8 4 5 9 7 006 * 79T 972,511-112.242 112,226 Pulse Sequence: Fluorine (s2pul) Data collected on: Oct 16 2011 FidFile: VR-IV-024f-fluorine OBSERVE F19, 470.3593626 MHz Temp. 25.0 C / 298.1 K Relax. delay 1.000 sec Total time 0 min 36 sec VR-IV-024f-fluorine Pulse 30.0 degrees Acq. time 1.000 sec Width 96153.8 Hz Archive directory: Sample directory: Solvent: cdc13 Sample Name:

-220 -200 -180 -160 -140 -120 -100 -80 -60 -40

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Operator: jsk INOVA-500 "nmr16"

16 repetitions

DATA PROCESSING

Line broadening 1.0 Hz FT size 262144