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2-METHYLPROPYL S-2-(DIISOPROPYLAMINOETHYL) METHYLPHOSPHONOTHIOATE

CAS number :
 MF : $C_{13}H_{30}NO_2PS$
 Solvent/Lock : $CDCl_3/CDCl_3$
 Nucleus : 31P
 Apparatus : Bruker AMX 360
 Frequency : 145.78 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : H_3PO_4 external
 Spectral width : 26300 Hz
 Pulse Width : $4 \mu s$ (90°)
 Repetition Time : 1 s
 Data points : FID = 32K, SPC = 32K
 Line Broadening : No
 Peak Width 1/2 height : peak 54.53 ppm 2.4 Hz

$\delta = 54.53$ ppm ; $J_{P-a} = 15.6$ Hz
 $J_{P-b} = 7.3$ & 7.7 Hz
 $J_{P-e} = 8.4$ Hz

