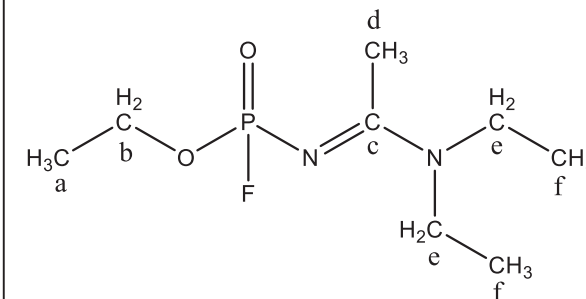
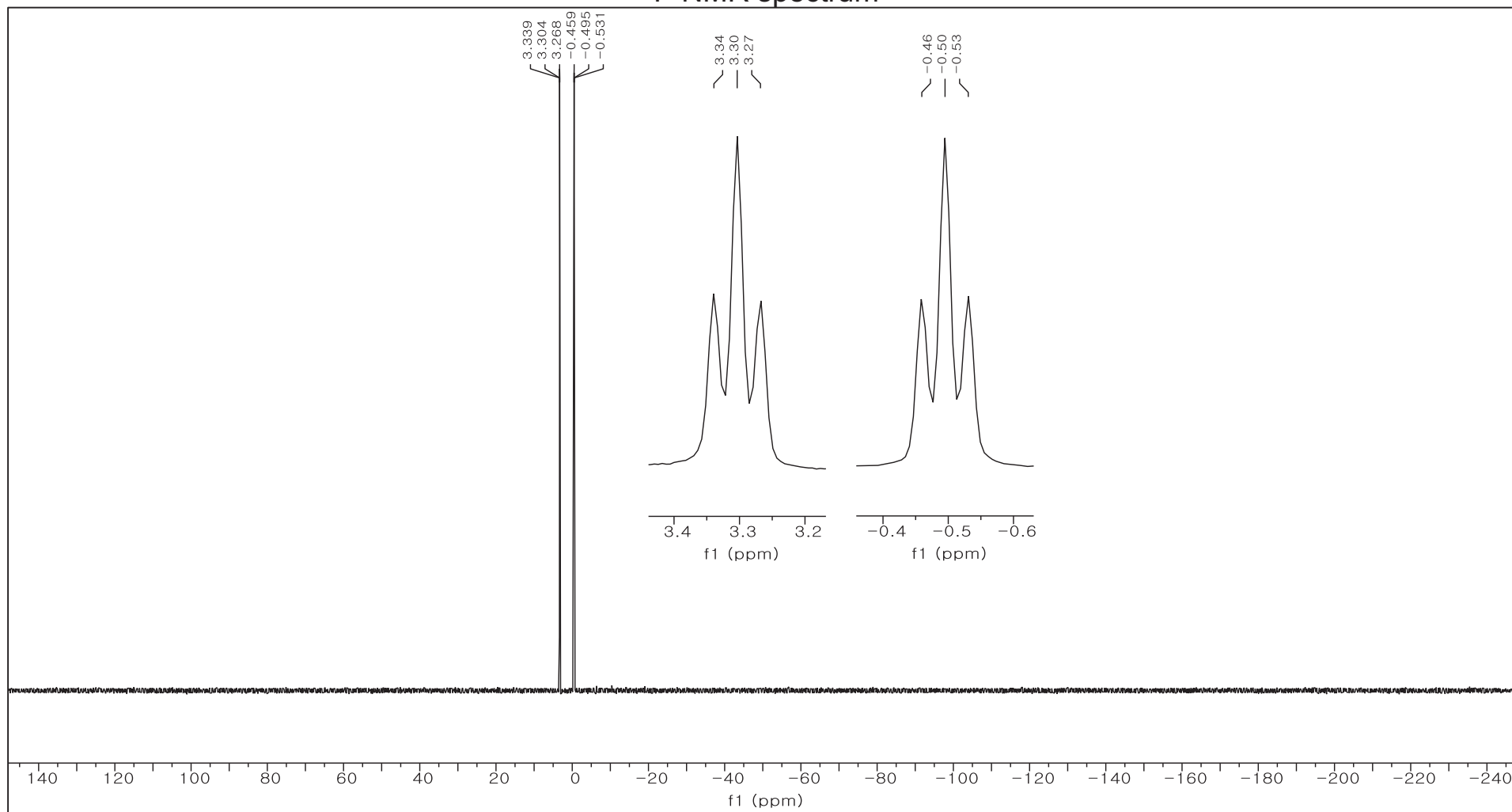


<sup>31</sup>P NMR spectrumNuc.  $\delta$  [ppm]

P 1.40

J (P,F) 922.8 Hz

J (P,b) 8.7 Hz

**Contributor's Name and Address:**

Hyun Suk Kim, Kyoung Chan Lim, Jin Young Lee

CBR Directorate, Agency for Defense Development (ADD)

Bugyuseng-daero 488 beon-gil 160, Yuseong, Daejeon, 34060, R.O.Korea

Res. Freq.	242.97 MHz	Spectral width	96153.8 Hz
Solvent	DMSO-d6	Data points (spec.)	32768
Temperature	300 K	Pulse width	12 $\mu$ s
Concentration	10 $\mu$ L in 0.6 mL	Number of scans	32
Reference	H <sub>3</sub> PO <sub>4</sub> (External)	Instrument	Bruker Avance Neo 600