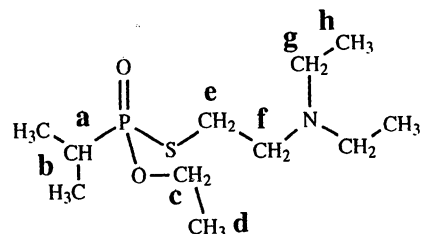

ETHYL S-(2-DIETHYLAMINOETHYL) ISOPROPYLPHOSPHONOTHIOATE

 MF : $\text{C}_{11}\text{H}_{26}\text{NO}_2\text{PS}$ CAS :

ASSIGNMENT

a : $\delta = 2.10$ ppm ; $J_{\text{P-a}} = 15.5$ Hz ; $J_{\text{a-b}} = 7.1$ Hz
b : $\delta = 1.23$ & 1.22 ppm ; $J_{\text{P-b}} = 20.3$ & 20.4 Hz
c : $\delta = 4.19$ & 4.11 ppm ; $J_{\text{P-c}} = 8.0$ & 8.9 Hz ; $J_{\text{c-c'}} = -10.0$ Hz ;
 $J_{\text{c-d}} = 7.1$ Hz
d : $\delta = 1.33$ ppm

e : $\delta = 2.94$ ppm ; $J_{\text{P-e}} = 11.3$ Hz
f : $\delta = 2.73$ ppm
g : $\delta = 2.56$ ppm ; $J_{\text{g-h}} = 7.1$ Hz
h : $\delta = 1.04$ ppm