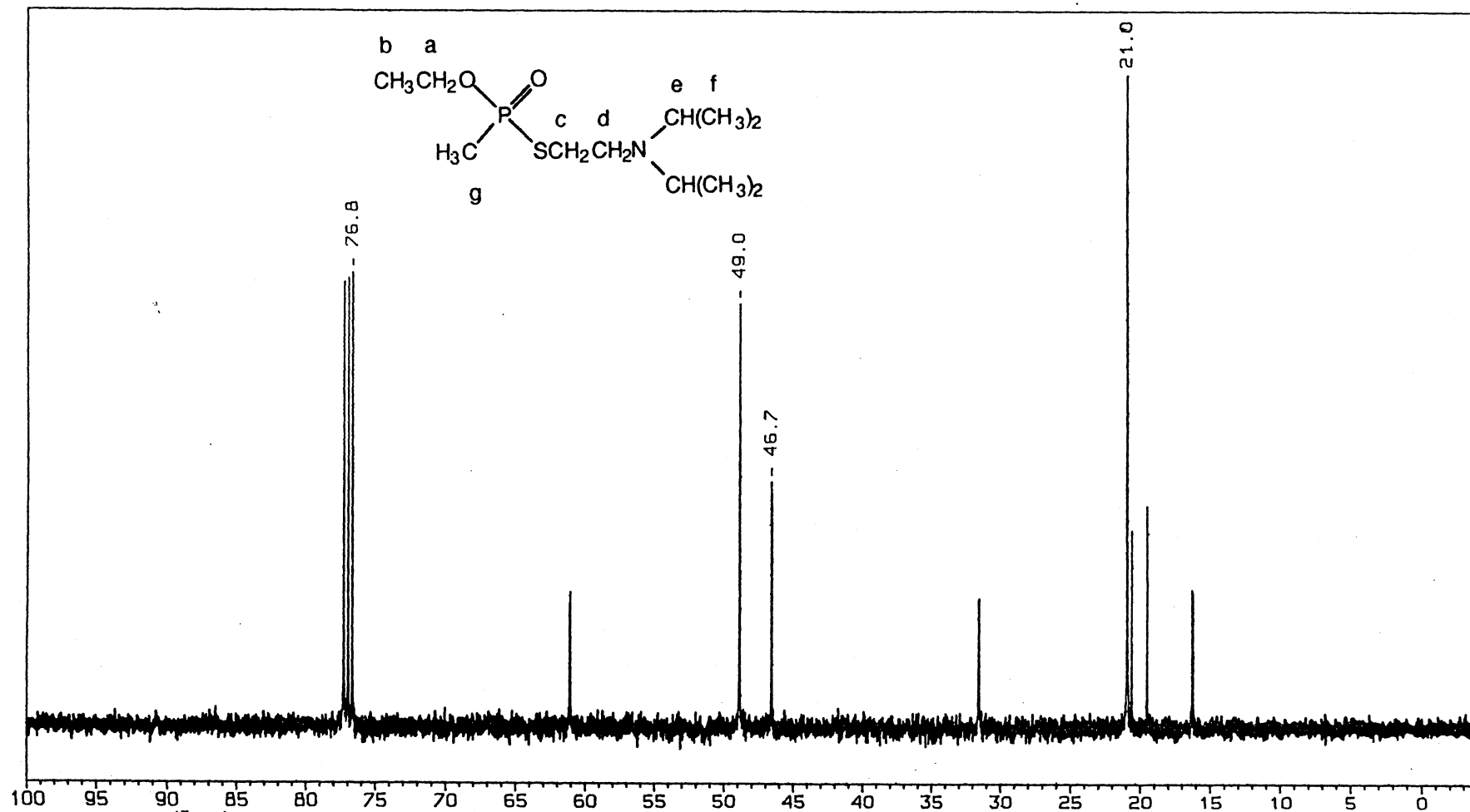


ETHYL S-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOATE / VX (NATO)

[50782-69-9] C<sub>11</sub>H<sub>26</sub>NO<sub>2</sub>PS

20PO&amp;1&amp;S2NY1&amp;1&amp;Y1&amp;1

<sup>13</sup>C (1H) NMR

|                |                          |                     |           |              |           |
|----------------|--------------------------|---------------------|-----------|--------------|-----------|
| Experiment:    | <sup>13</sup> C (1H) NMR | Obs.frequency:      | 100.6 MHz | shifts (ppm) |           |
| Solvent:       | CDCl <sub>3</sub>        | Spectral width:     | 10504 Hz  | a            | 61.2      |
| Concentration: | 17mg/0.7ml               | Data points (FID):  | 32768     | b            | 16.3      |
| Reference:     | CDCl <sub>3</sub>        | Pulse angle:        | 8µs 50°   | c            | 31.7      |
| Temperature:   | 30 °C                    | Number of pulses:   | 6000      | d            | 46.7      |
| Instrument:    | Vartan VXR400S           | Repetition time:    | 2.1 s     | e            | 49.0      |
| Date:          | Jul 30 91                | Line broadening:    | 1 s       | f            | 21.1 21.0 |
| Spec.nr (NL):  | ceg26b                   | Data points (spec): | 16 k      | g            | 110.3     |