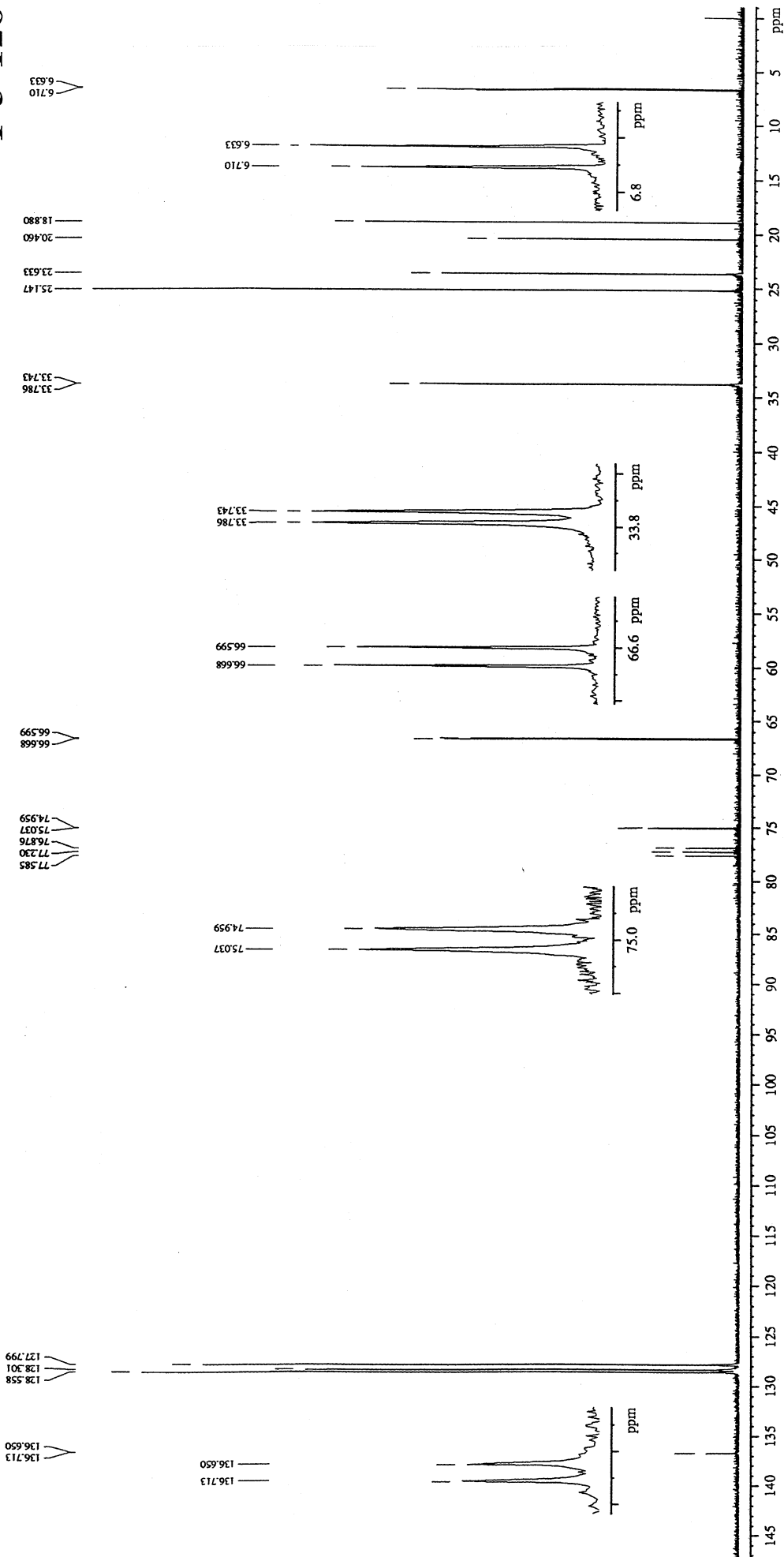


1-3-128



BENZYL-CYCLOHEXYL ETHYLPHOSPHONATE

CAS number : unknown
 MF : C₁₅H₂₃O₃P
 Solvent/Lock : CDCl₃/CDCl₃
 Nucleus : ¹³C
 Apparatus : Bruker AMX360
 Frequency : 90.56 MHz
 Temperature : 23°C
 Concentration : ≈ 40 mg/ml

Reference : TMS internal
 Spectral width : 15160 Hz
 Pulse Width : 4 μs (90°)
 Repetition Time : 1 s
 Data points : FID = 64K, SPC = 64K
 Line Broadening : No
 Peak Width 1/2 height : peak 25.15 ppm 0.7 Hz

a : δ = 19.67 ppm ; J_{p-a} = 143.3 Hz
 b : δ = 6.67 ppm ; J_{p-b} = 7.0 Hz
 c : δ = 66.64 ppm ; J_{p-c} = 6.3 Hz
 d : δ = 136.68 ppm ; J_{p-d} = 5.6 Hz
 e & f : δ = 128.56 & 127.80 ppm ; g : δ = 128.30 ppm ;
 h : δ = 75.00 ppm ; J_{p-h} = 7.3 Hz
 i : δ = 33.77 ppm ; J_{p-i} = 3.6 Hz
 j : δ = 23.63 ppm ; k : δ = 25.15 ppm

