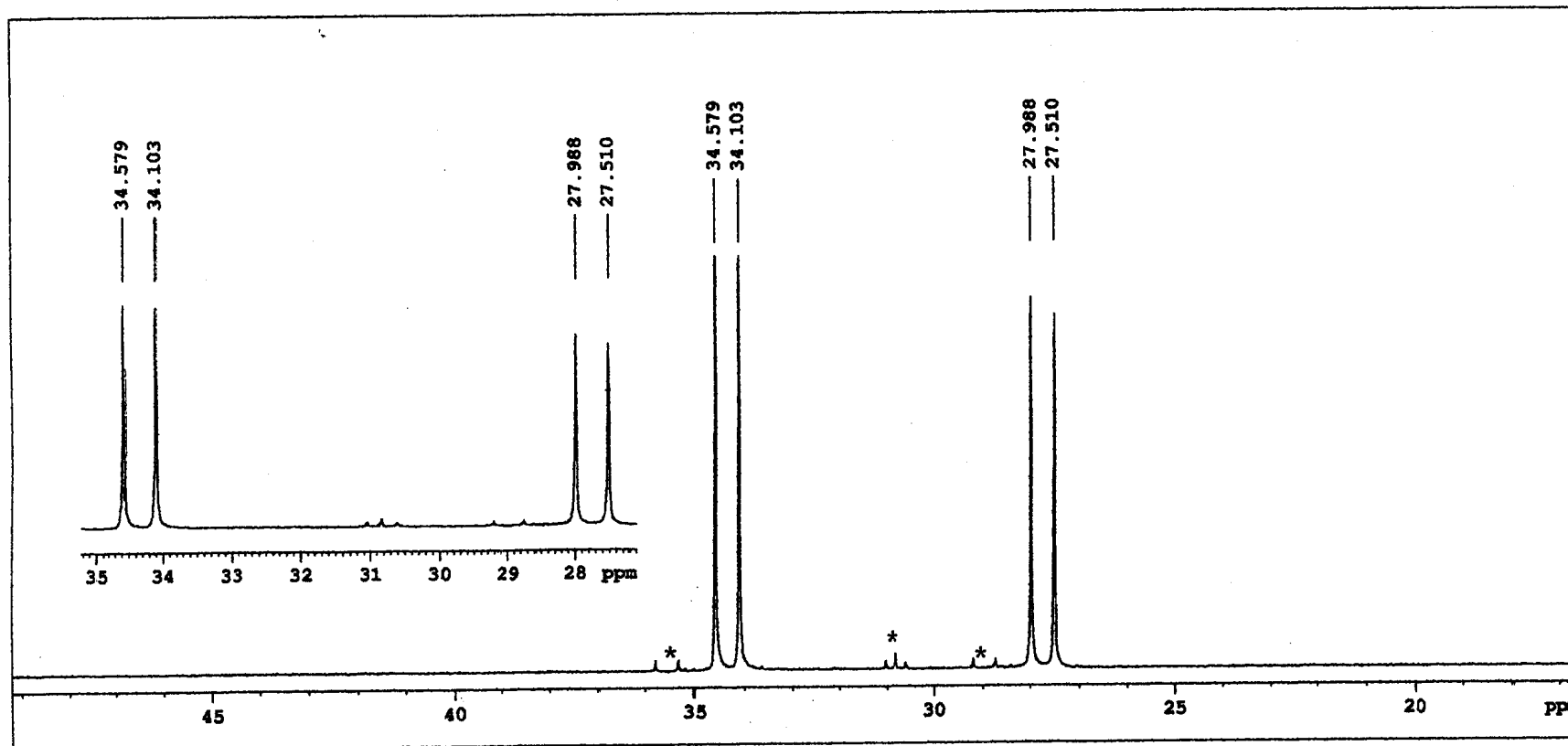
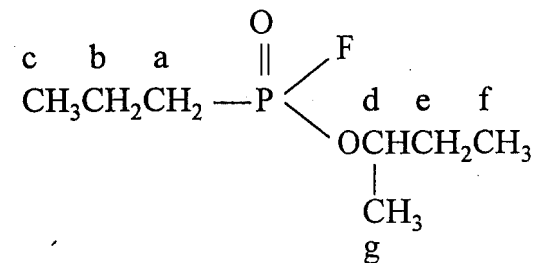


SEC-BUTYL PROPYLPHOSPHONOFLUORIDATE

³¹P{H}-NMR



nuc. δ [ppm]
P 30.81,
31.28

J_[P-F] 1067.9 Hz,
1067.5 Hz

Mixture of diastereomers

* impurities

RES. FREQ. : 161.975 MHz
SOLVENT : CDCl₃
TEMPERATURE : 22°C
CONCENTRATION : 40 mg/ml
REFERENCE : H₃PO₄ [Ext.]

SPECTRAL WIDTH : 50251.00 Hz
DATA POINTS [FID] : 32 K
DATA POINTS [SPEC.] : 16 K
PULSE WIDTH : 6.00 μs [90°]
NUMBER OF SCANS : 24

REP. TIME : 2.00 s
LINE BROAD : 3.00 Hz
RESOLUTION : 6.14 Hz [P]
INSTRUMENT : BRUKER DPX-400

OPCW Code:09-3-0036(page 1/1)