



PRODUCT IDENTIFICATION

Description
Hexafluoropropyl Phosphonic Ester ME is a fluoroalkyl chemical with phosphonic acid dimethyl ester function.

Reference	Designation	CAS Number
SP-0P3-1-001	Hexafluoropropyl Phosphonic Ester ME	Not identified

Formula
$\text{CF}_3\text{-CFH-CF}_2\text{-PO(OCH}_3\text{)}_2$

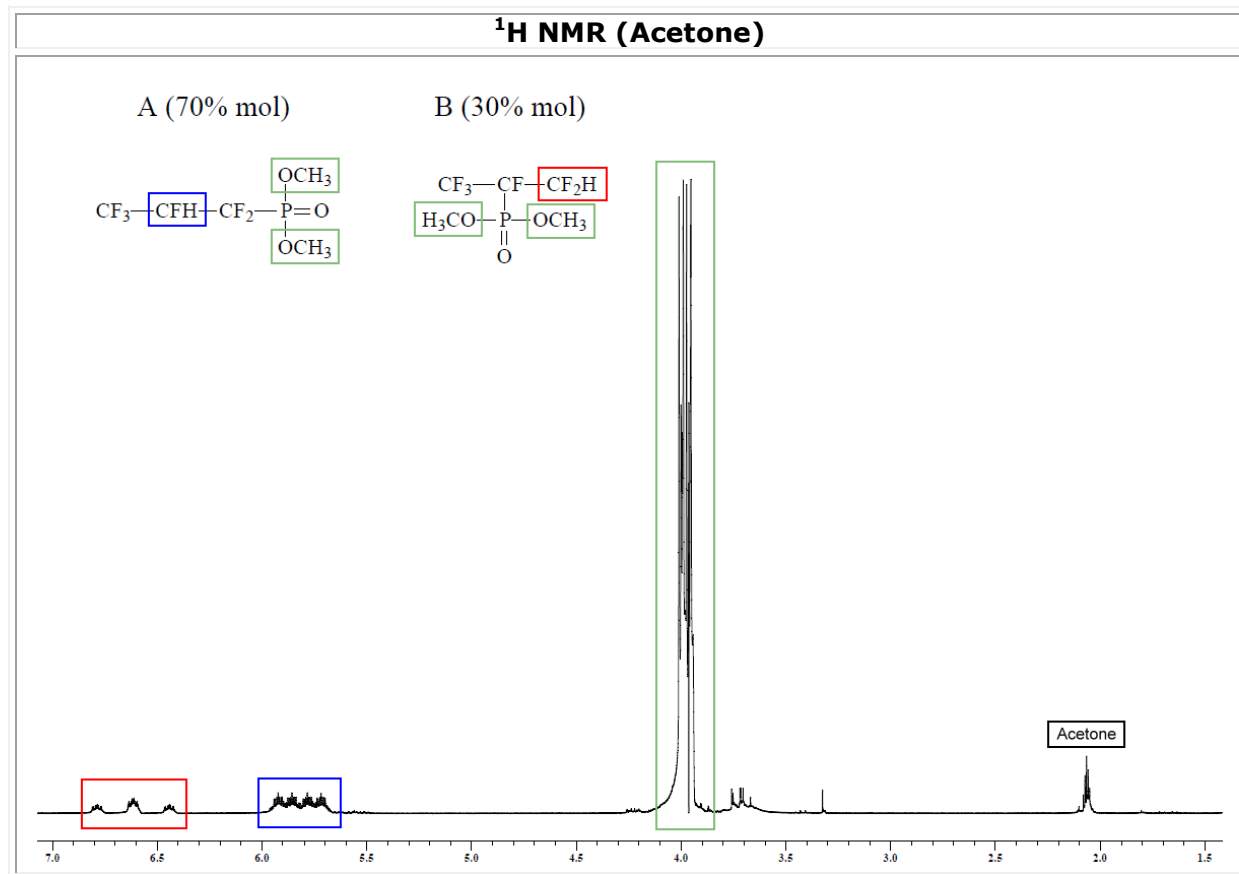
THEORETICAL PHYSICAL / CHEMICAL PROPERTIES

Physical Aspect	Clear viscous liquid
Molecular Weight (g/mol)	260,07
Composition (wt %)	C 23,1 H 2,7 F 43,8 O 18,5 P 11,9

Boiling Point (°C)	155 (± 40)
Solvents	Acetone



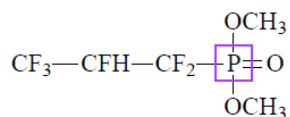
NMR SPECTRA



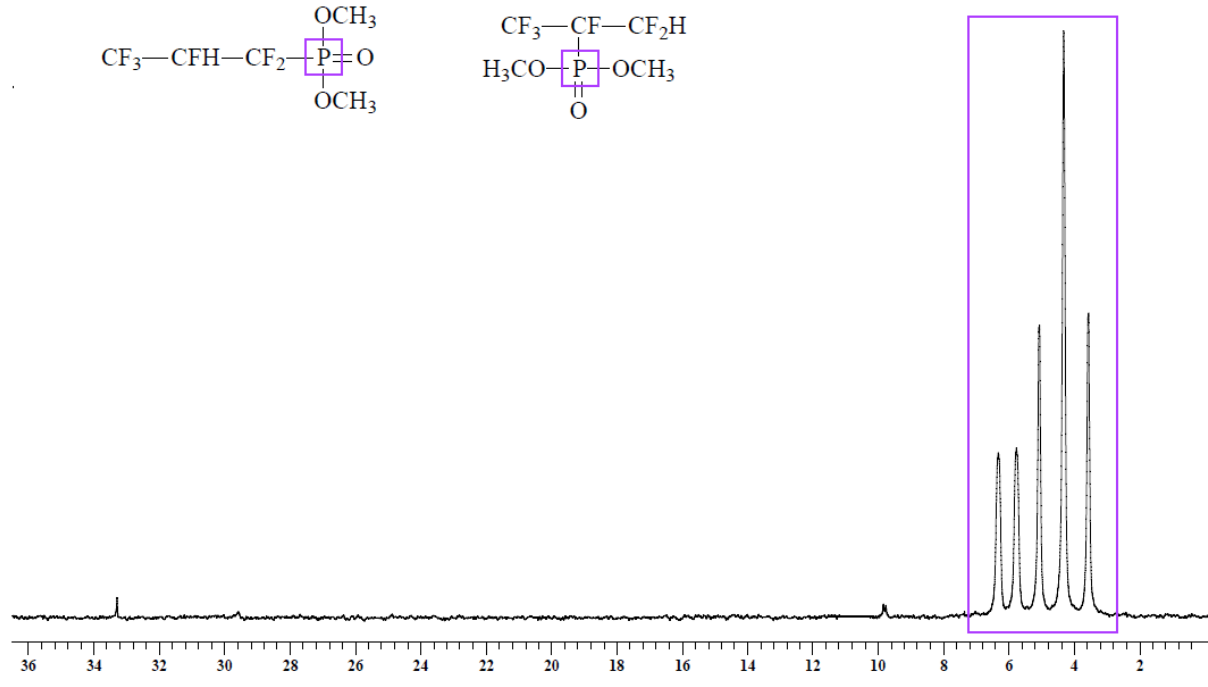
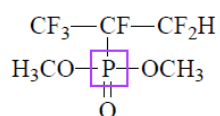


³¹P NMR (Acetone)

A (70% mol)



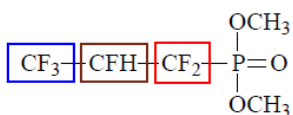
B (30% mol)





¹⁹F NMR (Acetone)

A (70% mol)



B (30% mol)

