



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

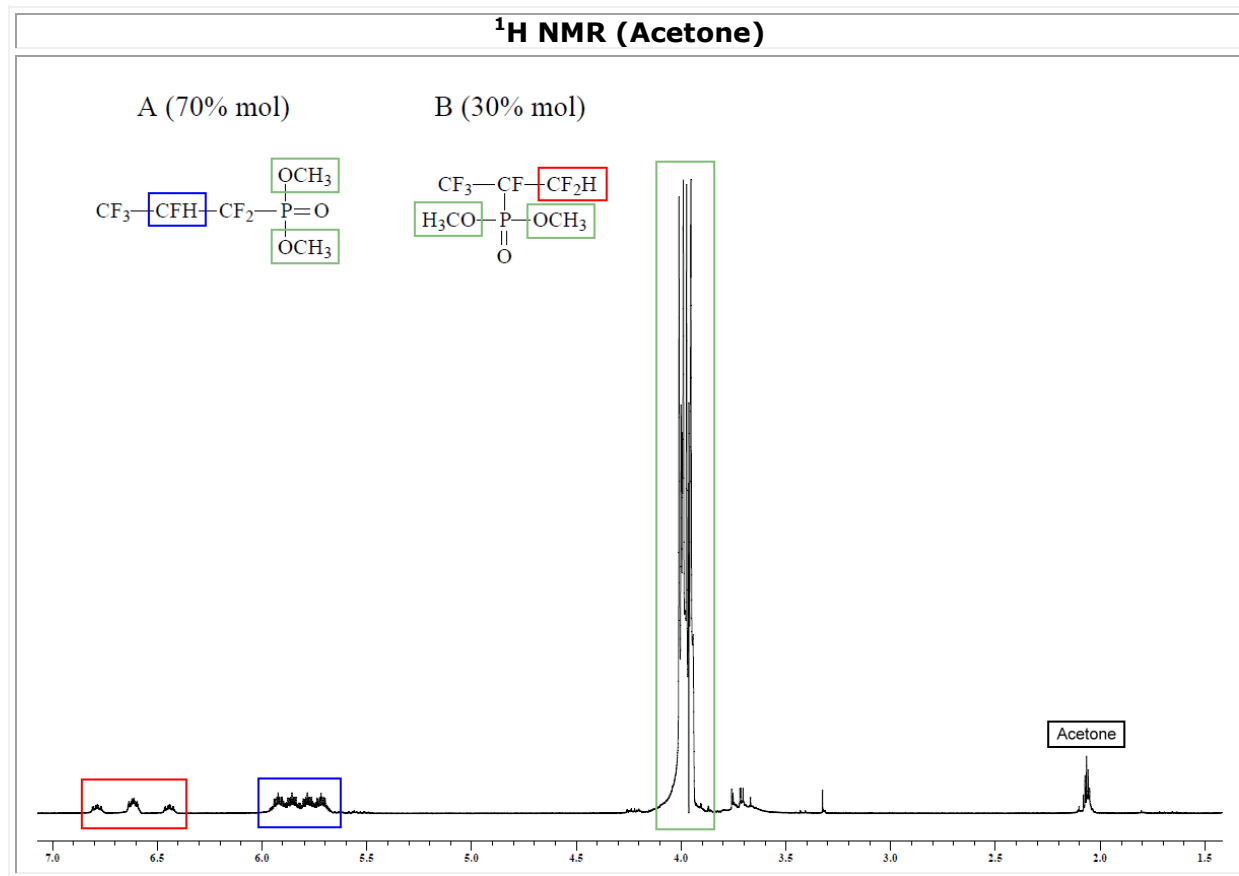
## THEORETICAL PHYSICAL / CHEMICAL PROPERTIES

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

<b>Boiling Point (°C)</b>	155 (± 40)
<b>Solvents</b>	Acetone



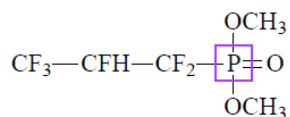
## NMR SPECTRA



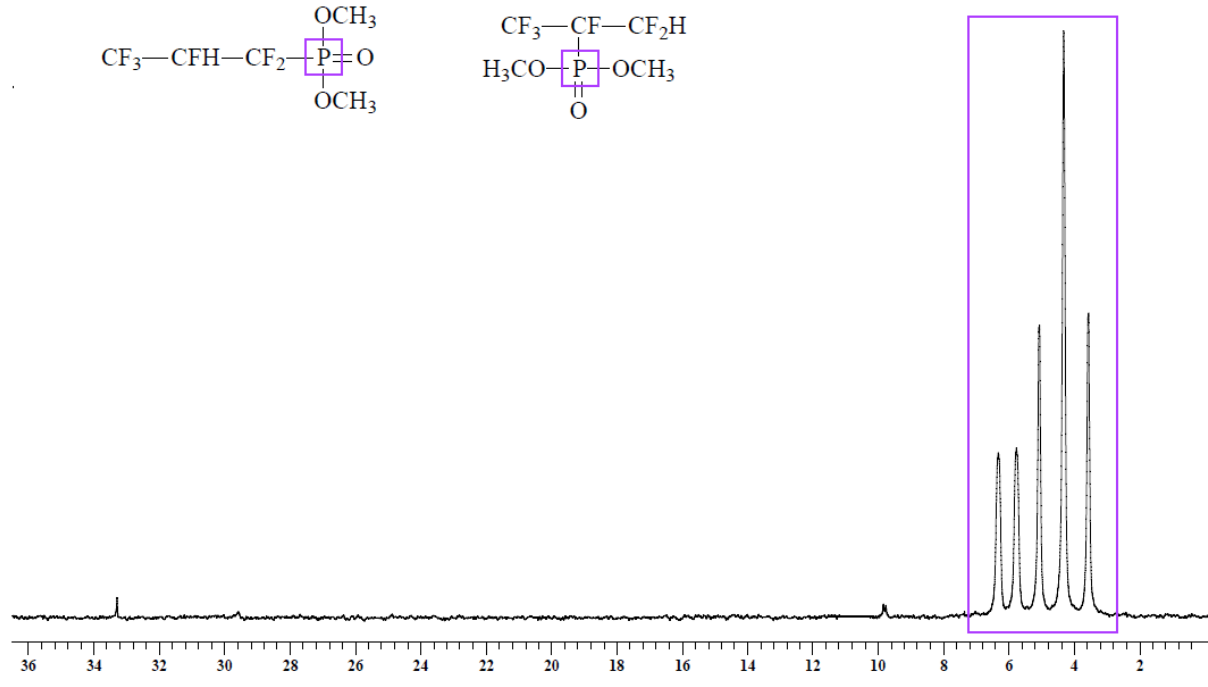
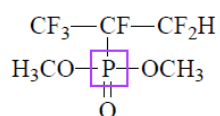


**<sup>31</sup>P NMR (Acetone)**

A (70% mol)



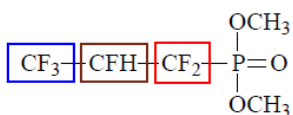
B (30% mol)





### <sup>19</sup>F NMR (Acetone)

A (70% mol)



B (30% mol)

