

TECHNICAL DATA SHEET

Reference	Designation	CAS Number
SP-01-001	FLUOROPHOSPHONIC ACID C6	252237-40-4

Formula
$\text{CF}_3\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{-CH}_2\text{-CH}_2\text{-P}\begin{matrix} \text{O} \\ \\ \text{OH} \\ \\ \text{OH} \end{matrix}$

SPECIFICATIONS

PHYSICOCHEMICAL PROPERTIES

Physical Aspect <i>at room temperature</i>	White powder
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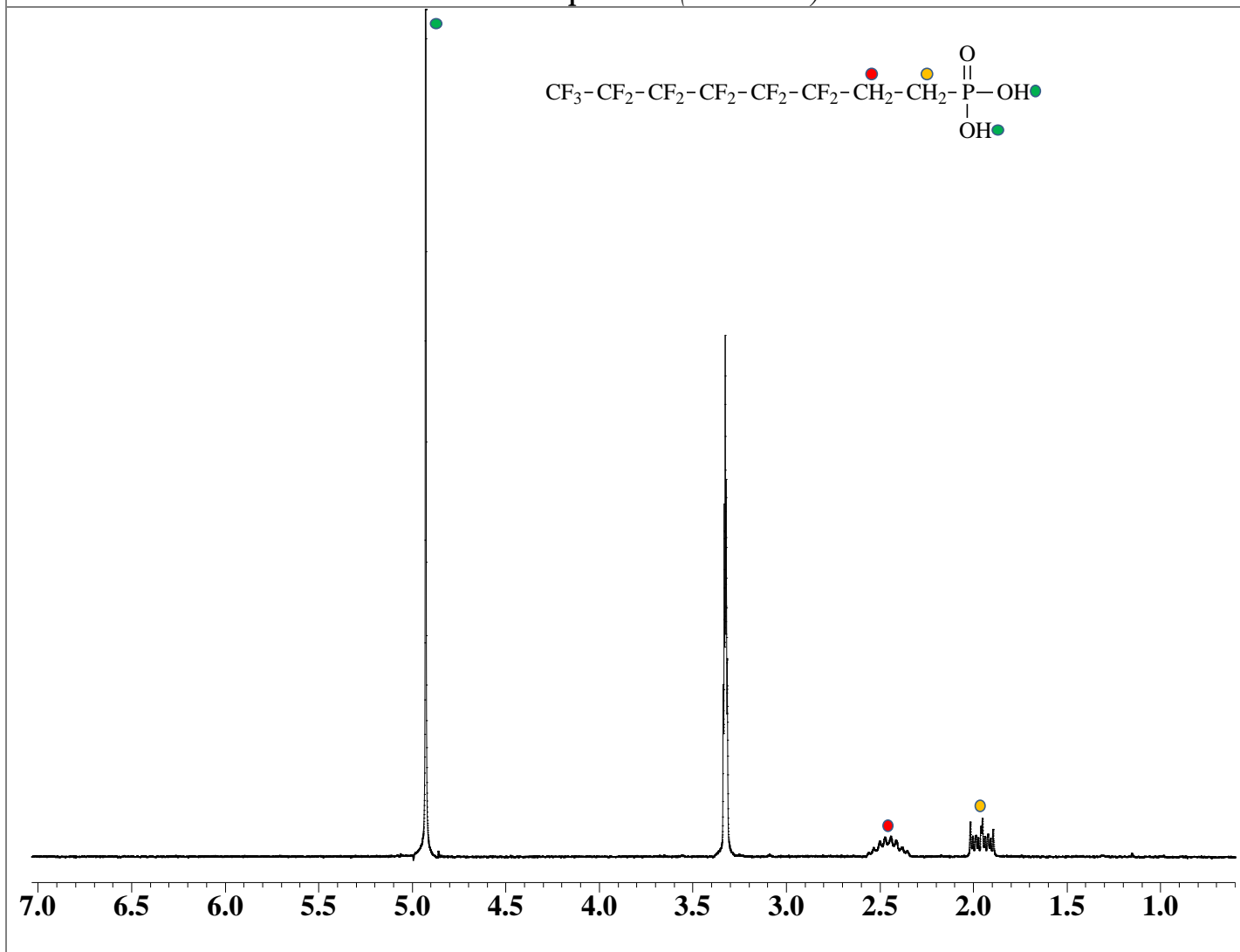
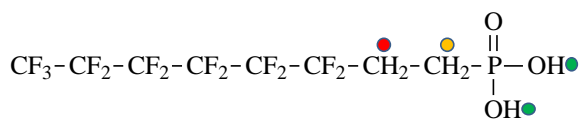
Molecular Weight	428.08
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Solubility in	Acetone	Yes
	Chlorinated solvents	N/A
	Diethyl Ether	Yes
	DMF	N/A
	DMSO	N/A
	Ethanol	Yes
	MEK	Yes
	THF	N/A
	Toluene	N/A
	Water	No

SPECTRA

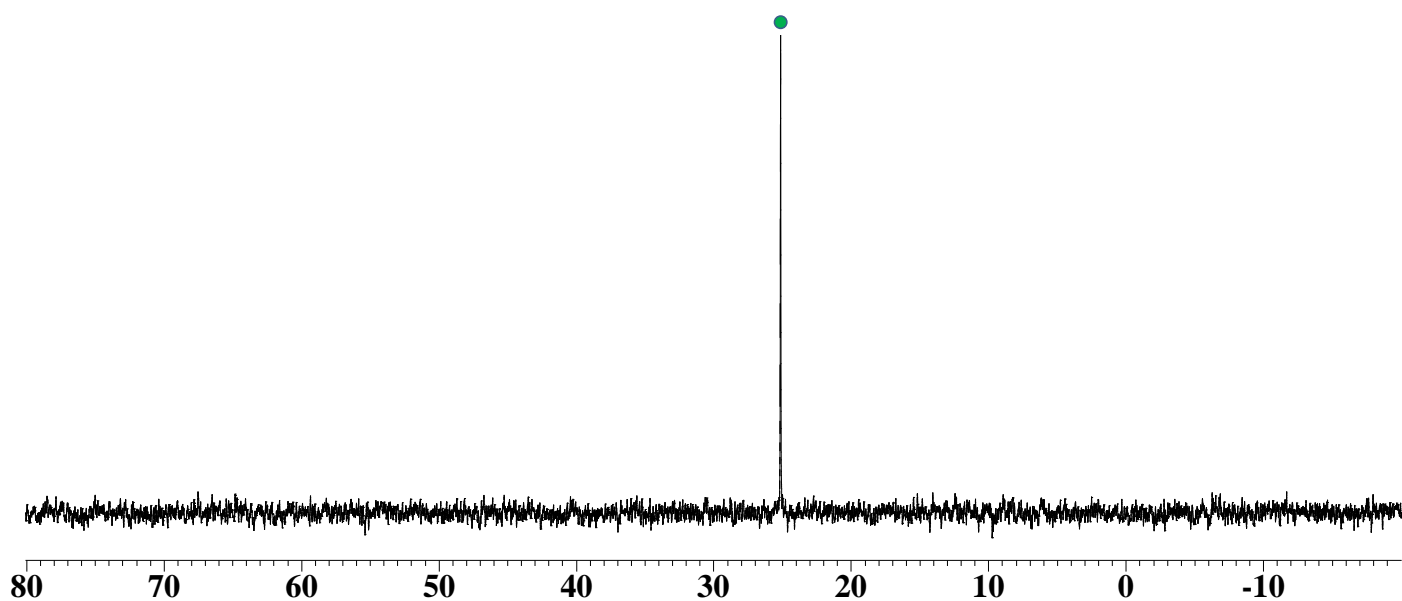
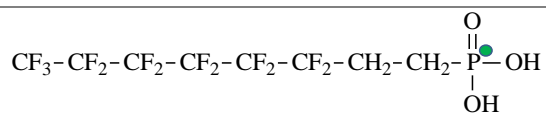
NMR SPECTRA

^1H NMR Spectrum (*Methanol- d_4*)





^{31}P NMR Spectrum (*Methanol- d_4*)

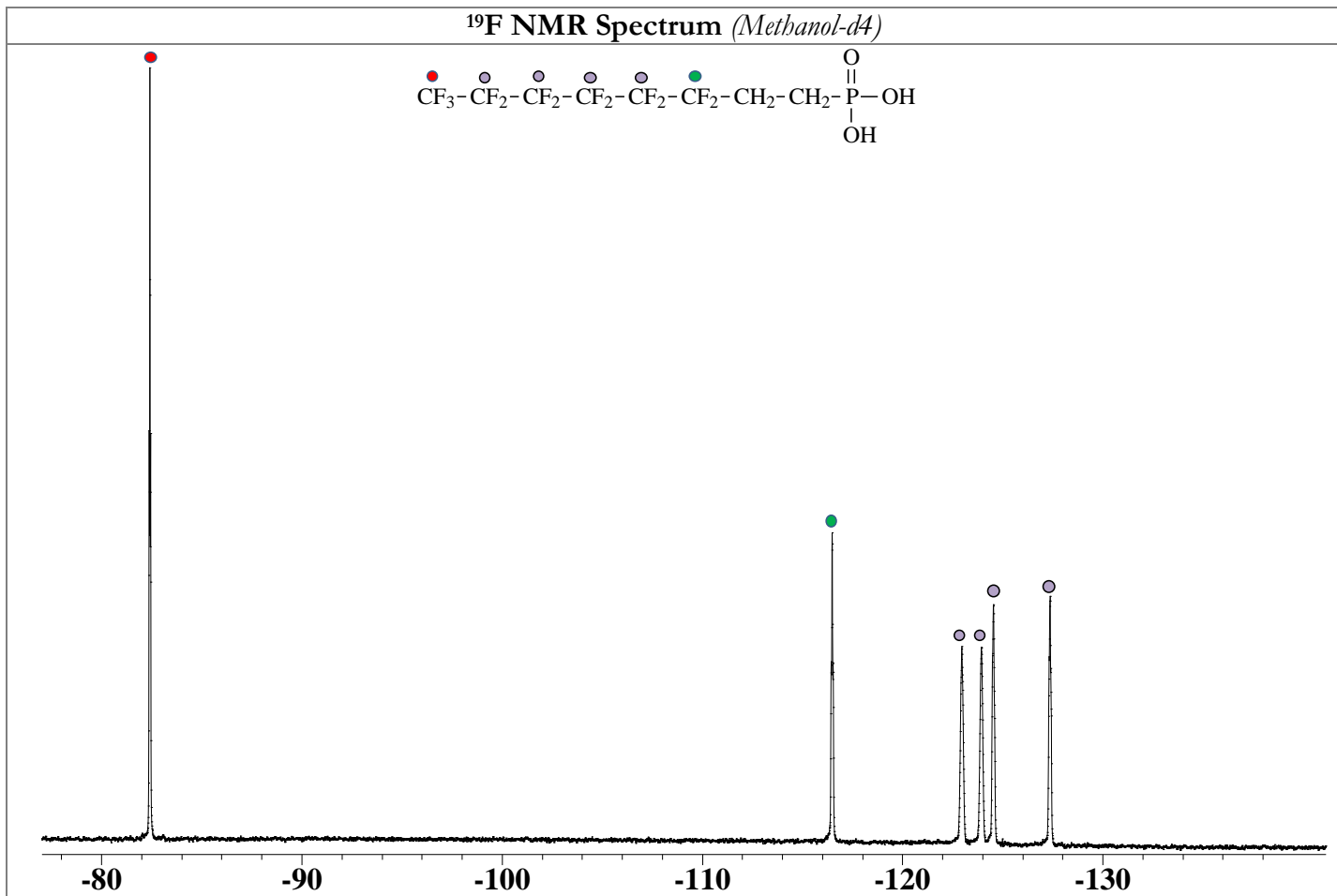
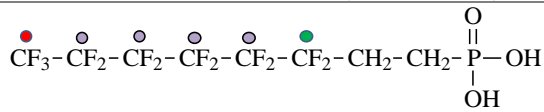


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^{19}F NMR Spectrum (*Methanol- d_4*)



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