

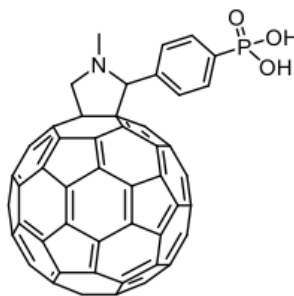


Phosphonic acid-functionalized Fullerene

1-MATERIAL INC
2290 Chemin St-Francois
Dorval, Quebec
H4P 1K2, Canada

Technical Data Sheet

1M Material:	Phosphonic acid-functionalized fullerene, custom made.
Common Name:	C60-PA, CPPA, C60-C6-PA
Chemical Formula:	$C_{69}H_{11}NO_3P$
Chemical Name:	4-(1',5'-Dihydro-1'-methyl-2'H-[5,6]fullereno-C60-Ih-[1,9-c]pyrrol-2'-yl)phenylphosphonic acid
Chemical Structure:	



Lot No.:	SX12255
Appearance:	Brown solid
Solubility:	Limited soluble in DMSO and mixed solvent of DMSO, DMF and GBL
Application:	Custom made, provided as "IT IS"

1-Material is dedicated to providing materials according to our customer's needs, and some materials we promote may be solely offered to certain customers for their specific needs in their research and development projects on a custom synthesis basis or on a contract research basis. All the material is offered as is, along with the information and technical advice—where verbal, in writing or by way of trials—are given in good faith and are believed to be accurate but without warranty since the conditions of use are beyond the control of 1-Material. This also applies where proprietary rights of third parties are involved. For the terms and conditions of our offers and services, please consult the disclaimer in our web: www.1-material.com

Internal reference

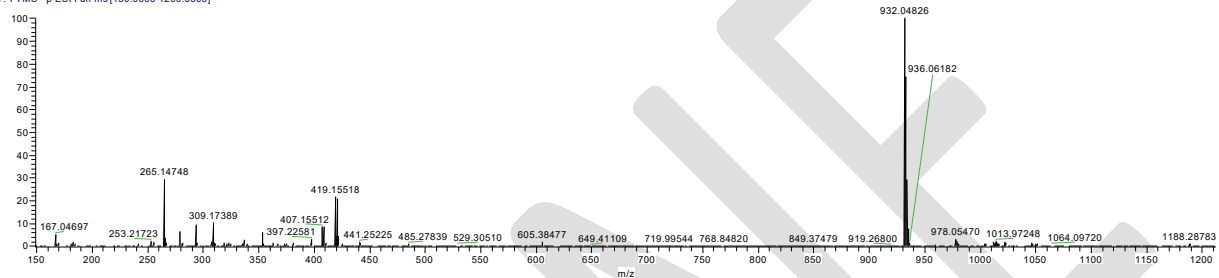
ESI HRMS (in negative mode)

251218-04-ESI HRMS-Perepichka

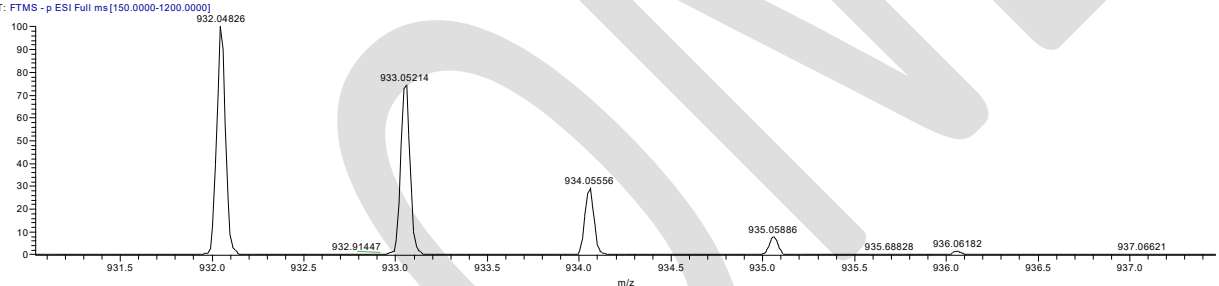
12/18/25 14:32:54

251218-04-ESI HRMS-Perepichka-Z He-HZC-C60-
T: FTMS - p ESI Full ms [150.0000-1200.0000]

7 AV: 18 SB: 25 0.09-0.15 NL: 1.72E7



251218-04-ESI HRMS-Perepichka-Z He-HZC-C60-PA #260-277 RT: 0.63-0.67 AV: 18 SB: 25 0.09-0.15 NL: 1.72E7
T: FTMS - p ESI Full ms [150.0000-1200.0000]



251218-04-ESI HRMS-Perepichka-Z He-HZC-C60-PA#260-277 RT: 0.63-0.67 AV: 18

SB: 25 0.09-0.15

T: FTMS - p ESI Full ms [150.0000-1200.0000]

m/z = 932.00506-932.09935

m/z	Intensity	Relative	Resolution	Charge	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
932.04826	17370728.0	100.00	17515.44	1.00	932.04820	0.06	65.5	C ₆₉ H ₁₁ O ₃ NP

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