

Materials List for:

Solid Phase ¹¹C-Methylation, Purification and Formulation for the Production of PET Tracers

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URL: <https://www.jove.com/video/60237>

DOI: [doi:10.3791/60237](https://doi.org/10.3791/60237)

Materials

Name	Company	Catalog Number	Comments
6-OH-BTA-0	ABX advanced biochemical compounds	5101	Non-radioactive precursor of [¹¹ C]PiB
6-OH-BTA-1	ABX advanced biochemical compounds	5140	Non-radioactive standard of [¹¹ C]PiB
Agilent 1200 HPLC system	Agilent	Agilent 1200	Analytical HPLC system
Ethanol absolute	Commercial alcohols	432526	
Hamilton syringe (luer-tip, 250 µL)	Hamilton	HAM80701	
MZ Analytical PerfectSil 120	MZ-Analysentechnik GmbH	MZ1440-100040	Analytical HPLC column
Perkin Elmer Clarus 480 GC system	Perkin Elmer	Clarus 480	Gas chromatograph
polycarbonate manifold	Scintomics	ACC-101	Synthesis manifold
Restek MTX-Wax column (30 m, 0.53 mm)	Restek	70625-273	Analytical GC column
Scintomics GRP module	Scintomics	Scintomics GRP	Automated synthesis unit
Sep-Pak tC18 Plus	Waters	WAT020515	Solid phase extraction cartridge
solvent-resistant manifold	Scintomics	ACC-201	Synthesis manifold
Spinal needle	BD	405181	
Sterile extension line	B. Braun	8255059	
Sterile filter	Millipore	SLLG013SL	
Sterile vial (20mL)	Huayi	SVV-20A	
Sterile water	Baxter	JF7623	
Synthra Melplus Research	Synthra	Melplus Research	[¹¹ C]CH ₃ /[¹¹ C]CH ₃ OTf module
Syringe (10 mL)	BD	309604	
Syringe (1mL)	BD	309659	
Syringe (20 mL)	B. Braun	4617207V	Dispenser syringe
Vent filter	Millipore	TEFG02525	