

Materials List for:

Synthesis and Mass Spectrometry Analysis of Oligo-Peptoids

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Materials

Name	Company	Catalog Number	Comments
ESI-triple quadrupole mass spectrometer, Varian 320L	Agilent Technologies Inc.		The mass spectrometer was acquired from Varian, Inc.
Varian MS workstation, Version 6.9.2, a data acquisition and data review software	Varian Inc.		The software is a part of the Varian 320L package
Burrell Scientific Wrist-action shaker, Model 75 DD	Fisher Scientific International Inc.	14-400-126	
Hermle Centrifuge, Model Z 206 A	Hermle Labortechnik GmbH		
Solid phase reaction vessel, 10 mL	Torviq	SF-1000	
Pressure caps for reaction vessels	Torviq	PC-SF	
Syringe filters, pore size 0.2 µm	Fisher Scientific Inc.	03-391-3B	
Syringe filters, pore size 0.45 µm	Fisher Scientific Inc.	03-391-3A	
Polypropylene centrifuge tubes, 50 mL	VWR International, LLC.	490001-626	
Polypropylene centrifuge tubes, 15 mL	VWR International, LLC.	490001-620	
ChemBioDraw, Ultra, Version 12.0	CambridgeSoft Corporation		CambridgeSoft is now part of PerkinElmer Inc.
Styrofoam cup, 12 Oz	Common Supermarket		
Rink amide resin	Chem-Impex International, Inc.	10619	
Piperidine	Chem-Impex International, Inc.	02351	Highly toxic
N, N'-diisopropylcarbodiimide	Chem-Impex International, Inc.	00110	Highly toxic
Bromoacetic acid	Chem-Impex International, Inc.	26843	Highly toxic
2-Phenylethylamine	VWR International, LLC.	EM8.07334.0250	
2-Methoxyethylamine	Sigma-Aldrich Co. LLC.	241067	
N-Boc-ethylenediamine	VWR International, LLC.	AAAL19947-06	
Acetic anhydride	Sigma-Aldrich Co. LLC.	252845	
N, N-dimethylformamide	VWR International, LLC.	BDH1117-4LG	Further distillation before use
N, N-diisopropylethylamine	Chem-Impex International, Inc.	00141	
Triisopropylsilane	Chem-Impex International, Inc.	01966	
Trifluoroacetic acid	Chem-Impex International, Inc.	00289	Highly toxic
Millipore MILLI-Q Academic Water Purification System	Millipore Corporation	ZMQP60001	For generating HPLC grade water
HPLC-grade Water			Produced from Millipore MILLI-Q® Academic Water Purification System
Methanol	Pharmco-Aaper	339USP/NF	HPLC grade
Acetonitrile	Fisher Scientific International, Inc.	A998-4	HPLC grade

Diethyl ether	VWR International, LLC.	BDH1121-19L	Further distillation before use
Dichloromethane	VWR International, LLC.	BDH1113-19L	Further distillation before use
Nitrogen gas	Fresno Oxygen/Barnes Supply	NIT 50-C-F	Ultra high purity, 99.9995%
Argon gas	Fresno Oxygen/Barnes Supply	ARG 50-C-F	Ultra high purity, 99.9995%