

Materials List for:

MR Molecular Imaging of Prostate Cancer with a Small Molecular CLT1 Peptide Targeted Contrast Agent

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
Fmoc protected amino acids	EMD Chemicals Inc		
DOTA-tris(<i>t</i> -Bu)	TCI America		
PyBOP, HOBt, HBTU	Nova Biochem		
DIPEA, Thallium(III) trifluoroacetate, TIS	Sigma-Aldrich Corp.		
Texas Red, succinimidyl ester, single isomer	Invitrogen	T20175	
EQUIPMENTS			
Agilent 1100 HPLC system	Agilent		
ZORBAX 300SB-C18 PrepHT column	Agilent		
ICP—S Optima 3100XL	Perkin-Elmer		
MALDI-TOF mass spectrometer	Bruker	Autoflex TM Speed	
Maestro FLEX In Vivo Imaging System	Cambridge Research Instrumentation, Inc.		
Biospec 7T MRI scanner	Bruker		