

Materials List for:

An Integrated Raman Spectroscopy and Mass Spectrometry Platform to Study Single-Cell Drug Uptake, Metabolism, and Effects

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Materials

Name	Company	Catalog Number	Comments
0.1% penicillin-streptomycin	Nacalai Tesque	09367-34	
35mm glass bottom grid dish	Matsunami		
4-Hydroxy Tamoxifen standard	Sigma-Aldrich	94873	
532 nm diode pumped solid-state laser	Ventus, Laser Quantum		
BIOS-L101T-S motorized microscope stage	OptoSigma		
CT-2 cellomics coated sampling capillaries	HUMANIX		
d5-Tamoxifen standard	Cambridge Isotope Laboratories		
Dimethyl sulfoxide LC-MS grade	Nacalai Tesque	D8418	
Dulbecco's Modified Eagle's medium	Sigma-Aldrich	D5796	
Eppendorf GELoader tips	Eppendorf		
fetal bovine serum	Hyclone laboratories	SH3006603	
FluoroBrite DMEM	Thermo Fisher Scientific		
Formic acid LC-MS grade	Sigma-Aldrich	33015	
HepG2 cell line (RCB1886)	RIKEN cell bank center	RCB1886	
MC0-19A1C Incubator	Sanyo Electric Co.	MC0-19A1C	
Methanol LC-MS grade	Sigma-Aldrich	1060352500	
MMO-203 3-D Micromanipulator	Narshige	MMO-203	
NA:0.95, UPL40 water-immersion Olympus objective lens	Olympus		
Nanoflex nano-ESI adaptor	Thermo Fisher Scientific	ES071	
On-stage incubator	ibidi		
Pierce LTQ Velos ESI calibration solution	Thermo Fisher Scientific	88323	
PIXIS BR400 cooled CCD camera	Princeton Instruments		
Q-Exactive Orbitrap	Thermo Fisher Scientific		
Rat-tail collagen coating solution	Cell Applications Inc.		
Tamoxifen standard	Sigma-Aldrich	85256	