

Materials List for:

Generation of Local CA1 γ Oscillations by Tetanic Stimulation

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Materials

Name	Company	Catalog Number	Comments
4-(N-Ethyl-N-phenylamino)-1,2-dimethyl-6-(methylamino)pyrimidinium chloride (ZD7288)	Sigma-Aldrich	Z3777	
Biuculline	Sigma-Aldrich	14340	
6-cyano-7-nitroquinoxaline-2,3-dione (CNQX)	Sigma-Aldrich	C127	
Nickel	Sigma-Aldrich	266965	
Carbamazepine	Sigma-Aldrich	C4024	
(2R)-amino-5-phosphonopentanoate (APV)	Tocris Bioscience	0105	
Retigabine	ChemPacific	150812-12-7	
Choline-Cl	Sigma-Aldrich	C1879-5KG	
KCl	Sigma-Aldrich	P9333-500G	
NaH ₂ PO ₄	Sigma-Aldrich	S9638-250G	
NaHCO ₃	Sigma-Aldrich	S6297-250G	
NaCl	Sigma-Aldrich	S7653-5KG	
Glucose	Sigma-Aldrich	G8270-1KG	
CaCl ₂ • 2H ₂ O	Sigma-Aldrich	223506-500G	
MgCl ₂ • 6H ₂ O	Sigma-Aldrich	M2670-500G	
Electrode glass	Harvard Apparatus	GC150F-10	
Concentric bipolar stimulating metal electrode	FHC	CBBPF75	
Digital Isolator	Getting Instruments	Model BJN8-9V1	
Model 1800 amplifier	A-M systems	Model 1800 amplifier	
Digitizer	National Instruments	NI USB-6211	
Vibrotome	Leica	VT1200s	