

LIST OF ABBREVIATIONS

3V	third ventricle
Ace-tubulin	acetylated-tubulin
bp	branching point (of a neurite)
BCA	bicinchoninic acid
CA1-CA3	Cornu Ammonis subfields 1-3 of the hippocampus
CB ₁ R	type 1 cannabinoid receptor
cc	corpus callosum
cfa	corticofugal axon
cp	cortical plate
CRMP-2	collapsin-response mediator protein 2
cta	corticothalamic axon
ctx	cortex
d	diameter (of axon fascicle)
DAGL	<i>sn</i> -1-diacylglycerol lipase
DG	dentate gyrus
DIC	differential interference contrast
DIV	day(s) <i>in vitro</i>
E	embryonic day
Erk1/2	extracellular signal-activated kinase 1/2 isoforms
f	hippocampal fimbria
fEPSP	field excitatory postsynaptic potential
gapdh	glyceraldehyde 3-phosphate dehydrogenase
GC	growth cone
GCP	growth cone particle
ge	ganglionic eminence
HC	hippocampus
IB	immunoblotting
IDA	information dependent acquisition
iz	intermediate zone
JNK	c-Jun N-terminal kinase
L	cortical layer (I-VI)
LI-IV	cortical layers 1-4
L1-NCAM	L1 neural cell adhesion molecule
LTD	long-term depression
lv	lateral ventricle
MAP2	microtubule associated protein-2
MGL	monoacylglycerol lipase
ne	neuroepithelium
P	postnatal day
PFA-PB	paraformaldehyde diluted in 0.1M Na-phosphate buffer
pia	pia mater

PPR	paired-pulse ratio
s	neuronal somata
SCG10	superior cervical ganglion 10/neuron-specific stathmin-2
SCG10-DD	EGFP-tagged SCG10 ^{S62D/S73D}
str.	stratum (hippocampal layer)
str. pyr.	stratum pyramidale
TFA	trifluoroacetic acid
Th	thalamus
THC	Δ^9 -tetrahydrocannabinol
TUJ1	β -III-tubulin
VACht	vesicular acetylcholine transporter
VAMP2	vesicle-associated membrane protein 2
VGAT	vesicular GABA transporter
VGLUT1	vesicular glutamate transporter 1
WT	wild-type/endogenous

CHEMICAL NAME OF COMPOUNDS/INHIBITORS

AM 251	<i>N</i> -(Piperidin-1-yl)-5-(4-iodophenyl)-1-(2,4-dichlorophenyl)-4-methyl-1H-pyrazole-3-carboxamide
Lactacystin	(2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i>)-3-Hydroxy-2-[(1 <i>S</i>)-1-hydroxy-2-methylpropyl]-4-methyl-5-oxo-2-pyrrolidinecarboxy- <i>N</i> -acetyl-L-cysteine thioester
SP600125	Anthra[1-9- <i>cd</i>]pyrazol-6(2 <i>H</i>)-one
U0126	1,4-Diamino-2,3-dicyano-1,4- <i>bis</i> [2-aminophenylthio]butadiene
THC	(6 <i>aR</i> ,10 <i>aR</i>)-6,6,9-Trimethyl-3-pentyl-6 <i>a</i> ,7,8,10 <i>a</i> -tetrahydro-6 <i>H</i> -benzo[<i>c</i>]chromen-1-ol
WIN55,212-2	(<i>R</i>)-(+)-[2,3-Dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo[1,2,3- <i>de</i>]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone mesylate