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Acetyl-L-carnitine

Streptozotocin; Brain; Alzheimer's disease; Oxidative stress (Terwel, D. (287) 65)

Adenosine

Ischemia; Adenosine receptor; Therapy; (Gerbil) (Von Lubitz, D.K.J.E. (287) 295)

Adenosine receptor

Adenosine; Ischemia; Therapy; (Gerbil) (Von Lubitz, D.K.J.E. (287) 295)

Adenosine A₂ receptor

Basal ganglia; Metabotropic glutamate receptor; Striatum; Subthalamic nucleus (Feeley Kearney, J.A. (287) 115)

Adenosine A_{2A} receptor

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Adenylate cyclase

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Heart, rat; β -Adrenoceptor; Myocardial contractility; Protein phosphorylation (Hartmann, M. (287) 57)

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Hypothalamus; Pituitary; Growth hormone; Clonidine; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2A} -Adrenoceptor subtype; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

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β -Adrenoceptor

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β -Adrenoceptor agonist

Airway hyperreactivity; Salbutamol; β -Adrenoceptor; Receptor desensitisation; (Guinea pig) (Buchheit, K.-H. (287) 85)

α_1 -Adrenoceptor antagonist

Cyclazosin; Prazosin-related antagonist; α_1 -Adrenoceptor subtype (Giardinà, D. (287) 13)

α_2 -Adrenoceptor antagonist

Hypothalamus; Pituitary; α_2 -Adrenoceptor; Growth hormone; Clonidine; Oxymetazoline; α_{2A} -Adrenoceptor subtype; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

α_1 -Adrenoceptor subtype

Cyclazosin; α_1 -Adrenoceptor antagonist; Prazosin-related antagonist (Giardinà, D. (287) 13)

α_{2A} -Adrenoceptor subtype

Hypothalamus; Pituitary; α_2 -Adrenoceptor; Growth hormone; Clonidine; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

α_{2B} -Adrenoceptor subtype

Hypothalamus; Pituitary; α_2 -Adrenoceptor; Growth hormone; Clonidine; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2A} -Adrenoceptor subtype (Makara, G.B. (287) 43)

Airway hyperreactivity

β -Adrenoceptor agonist; Salbutamol; β -Adrenoceptor; Receptor desensitisation; (Guinea pig) (Buchheit, K.-H. (287) 85)

Allopurinol

Lipopolysaccharide; Antioxidant; Vitamin E; Vitamin C; Glucocorticoid (Dimmeler, S. (287) 257)

Almitrine

Bleomycin; Experimental hypoxemia; Prednisolone; Doxapram; TEI-7322 (Horiuchi, H. (287) 27)

Aluminum fluoride

GABA_B receptor; Baclofen; Neocortical slice, rat; *N*-Ethylmaleimide; G-protein (Ong, J. (287) 197)

Alzheimer's disease

Streptozotocin; Acetyl-L-carnitine; Brain; Oxidative stress (Terwel, D. (287) 65)

4-Aminopyridine

Vas deferens, rat; α_2 -Adrenoceptor; Xylazine; Tetraethylammonium; Charybdotoxin; Phorbol dibutyrate; Bay K 8644 (Docherty, J.R. (287) 287)

d-Amphetamine

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); Dopamine; 5-HT_{1A} receptor; Microdialysis, in vivo; Nucleus accumbens; Striatum; (Rat) (Ichikawa, J. (287) 179)

Analgesia

Clocinnamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; (Irreversible antagonist) (Chan, K. (287) 135)

Anandamide

Adenylate cyclase; Cannabinoid receptor; GTP-binding protein (Barg, J. (287) 145)

Angiotensin receptor-mediated response

L-163,491; Pulmonary vascular bed, cat; Captopril; PD 123319; DuP 532 (Kaye, A.D. (287) 163)

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Antisense oligodeoxynucleotide; β -Endorphin; δ -Opioid receptor (Tseng, L.F. (287) 169)

Remoxipride; Catalepsy; Rotarod; (Sheep) (Main, D.C.J. (287) 221)

Antioxidant

Lipopolysaccharide; Vitamin E; Vitamin C; Allopurinol; Glucocorticoid (Dimmeler, S. (287) 257)

Antipsychotic

Prepulse inhibition, rat; 5-HT (5-hydroxytryptamine, serotonin); Glutamate; Schizophrenia (Varty, G.B. (287) 201)

Antisense oligodeoxynucleotide

β -Endorphin; δ -Opioid receptor; Antinociception (Tseng, L.F. (287) 169)

Aorta

α_1 -Adrenoceptor; Urethra (Auguet, M. (287) 153)

Aorta, rat

α_1 -Adrenoceptor; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₂ receptor; SDZ NVI-085; SK&F 89748-A (Van der Graaf, P.H. (287) 309)

L-Arginine

Ischemia; Reperfusion; Skeletal muscle; Phosphocreatine disodium salt; Phosphocreatine di-L-arginine salt; Current clamp; Electrophysiology (Tricarico, D. (287) 17)

Artery, subcutaneous

Levcromakalim; Glibenclamide; (Human) (Hüsken, B.C.P. (287) 313)

Baclofen

GABA_B receptor; Neocortical slice, rat; N-Ethylmaleimide; Aluminum fluoride; G-protein (Ong, J. (287) 197)

(RS)-(±)-Baclofen

GABA_B receptor; (S)-2-Hydroxysaclofen; (R)-2-Hydroxysaclofen; Ileum, guinea pig; Hippocampus, rat; Neocortex, rat (Kerr, D.I.B. (287) 185)

Basal ganglia

Adenosine A₂ receptor; Metabotropic glutamate receptor; Striatum; Subthalamic nucleus (Feeley Kearney, J.A. (287) 115)

Bay K 8644

Vas deferens, rat; α_2 -Adrenoceptor; Xylazine; 4-Aminopyridine; Tetraethylammonium; Charybdotoxin; Phorbol dibutyrate (Docherty, J.R. (287) 287)

BDNF (brain-derived neurotrophic factor)

Ethanol tolerance; Neurotrophin-3; Neurotrophin-4/5 (Szabó, G. (287) 35)

Binding site

Ca²⁺ current, L-type; Verapamil; Ventricular myocyte, rat; Patch-clamp technique (Wegener, J.W. (287) 89)

Melatonin; Chiral analog; Melanophore, *Xenopus laevis* (Sugden, D. (287) 239)

Bladder reflex

GYKI 52466; MK-801; Cystometrogram; Urethral sphincter, external (Yoshiyama, M. (287) 73)

Bleomycin

Experimental hypoxemia; Prednisolone; Doxapram; Almitrine; TEI-7322 (Horiuchi, H. (287) 27)

Bradykinin

Loop of Henle; Ion transport; Ca²⁺ (Grider, J. (287) 101)

Brain

Streptozotocin; Acetyl-L-carnitine; Alzheimer's disease; Oxidative stress (Terwel, D. (287) 65)

Ca²⁺

Loop of Henle; Bradykinin; Ion transport (Grider, J. (287) 101)

Ca²⁺ channel antagonist receptor

MPC-1304; Receptor occupation; Spontaneously hypertensive rat (SHR) (Nozawa, Y. (287) 191)

Ca²⁺ conductance

Galantide; Galanin; Parasympathetic neuron; K⁺ conductance (Mulvaney, J.M. (287) 97)

Ca²⁺ current, L-type

Verapamil; Binding site; Ventricular myocyte, rat; Patch-clamp technique (Wegener, J.W. (287) 89)

Cannabinoid receptor

Adenylate cyclase; Anandamide; GTP-binding protein (Barg, J. (287) 145)

Captopril

L-163,491; Pulmonary vascular bed, cat; Angiotensin receptor-mediated response; PD 123319; DuP 532 (Kaye, A.D. (287) 163)

Cardiomyopathy

Propionyl-L-carnitine; Papillary muscle; (Hamster) (Maresca, P. (287) 303)

Catalepsy

Remoxipride; Antinociception; Rotarod; (Sheep) (Main, D.C.J. (287) 221)

Charybdotoxin

Vas deferens, rat; α_2 -Adrenoceptor; Xylazine; 4-Aminopyridine; Tetraethylammonium; Phorbol dibutyrate; Bay K 8644 (Docherty, J.R. (287) 287)

Chiral analog

Melatonin; Binding site; Melanophore, *Xenopus laevis* (Sugden, D. (287) 239)

Cholinergic neurotransmission

Lipoxin A₄; Nitric oxide (NO); Smooth muscle, airway (Tamaoki, J. (287) 233)

Clocinnamox

Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴, Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Clonidine

Hypothalamus; Pituitary; α_2 -Adrenoceptor; Growth hormone; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2A} -Adrenoceptor subtype; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

Cortical wedge

Remacemide hydrochloride; FPL 12495AA; NMDA receptor (Hu, R.Q. (287) 251)

Cromakalim

K_{ATP} channel opener; Pinacidil; Morphine; Intestinal transit; Diarrhea (Poggioli, R. (287) 207)

Current clamp

Ischemia; Reperfusion; Skeletal muscle; Phosphocreatine disodium salt; Phosphocreatine di-L-arginine salt; L-Arginine; Electrophysiology (Tricarico, D. (287) 17)

Cyclazosin

α_1 -Adrenoceptor antagonist; Prazosin-related antagonist; α_1 -Adrenoceptor subtype (Giardinà, D. (287) 13)

Cystometrogram

GYKI 52466; MK-801; Urethral sphincter, external; Bladder reflex (Yoshiyama, M. (287) 73)

DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin)

Clocinnamox; Morphine; Opioid receptor antagonist; DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Dexamethasone

Neuropeptide Y; Tyrosine hydroxylase; PC12 cell; Nerve growth factor; Pertussis toxin (McCullough, L.A. (287) 271)

Diarrhea

K_{ATP} channel opener; Pinacidil; Cromakalim; Morphine; Intestinal transit (Poggioli, R. (287) 207)

Dopamine

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); *d*-Amphetamine; 5-HT_{1A} receptor; Microdialysis, in vivo; Nucleus accumbens; Striatum; (Rat) (Ichikawa, J. (287) 179)

5-HT₃ receptor; Granisetron; Morphine; Reward (Rompré, P.-P. (287) 263)

Doxapram

Bleomycin; Experimental hypoxemia; Prednisolone; Almitrine; TEI-7322 (Horiuchi, H. (287) 27)

DPDPE ([D-Pen²,D-Pen⁵]enkephalin)

Clocinnamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Drug discrimination

p-Fluoroamphetamine; ³H-Monoamine uptake inhibition; Microdialysis, in vivo, in freely moving rat (Marona-Lewicka, D. (287) 105)

DuP 532

L-163,491; Pulmonary vascular bed, cat; Angiotensin receptor-mediated response; Captopril; PD 123319 (Kaye, A.D. (287) 163)

Electrical stimulation

Spinal cord, rat; [³H]Noradrenaline; Histamine; Histamine H₃ receptor (Celuch, S.M. (287) 127)

Electrophysiology

Ischemia; Reperfusion; Skeletal muscle; Phosphocreatine disodium salt; Phosphocreatine di-L-arginine salt; L-Arginine; Current clamp (Tricarico, D. (287) 17)

Enalapril

Nitric oxide (NO); Hypertension; Renin-angiotensin system; Myocardial ischemia (Moreno, Jr., H. (287) 93)

 β -Endorphin

Antisense oligodeoxynucleotide; δ -Opioid receptor; Antinociception (Tseng, L.F. (287) 169)

Endothelin

Smooth muscle; Vascular; Endothelin receptor (Lodge, N.J. (287) 279)

Endothelin receptor

Endothelin; Smooth muscle; Vascular (Lodge, N.J. (287) 279)

Epilepsy

Nitric oxide (NO); Nitric oxide (NO) synthase; 7-Nitro indazole; Pilocarpine; Seizure (Van Leeuwen, R. (287) 211)

Ethanol tolerance

BDNF (brain-derived neurotrophic factor); Neurotrophin-3; Neurotrophin-4/5 (Szabó, G. (287) 35)

***N*-Ethylmaleimide**

GABA_B receptor; Baclofen; Neocortical slice, rat; Aluminum fluoride; G-protein (Ong, J. (287) 197)

Experimental hypoxemia

Bleomycin; Prednisolone; Doxapram; Almitrine; TEI-7322 (Horiuchi, H. (287) 27)

***p*-Fluoroamphetamine**

Drug discrimination; ³H-Monoamine uptake inhibition; Microdialysis, in vivo, in freely moving rat (Marona-Lewicka, D. (287) 105)

FPL 12495AA

Remacemide hydrochloride; Cortical wedge; NMDA receptor (Hu, R.Q. (287) 251)

 β -Funaltrexamine

μ -Opioid receptor; Tyr-D-Arg-Phe- β -Ala-NH₂; Memory; Passive avoidance; Locomotor activity; (Mouse) (Ukai, M. (287) 245)

GABA_B receptor

(*RS*)-(±)-Baclofen; (*S*)-2-Hydroxysaclofen; (*R*)-2-Hydroxysaclofen; Ileum, guinea pig; Hippocampus, rat; Neocortex, rat (Kerr, D.I.B. (287) 185)

Baclofen; Neocortical slice, rat; *N*-Ethylmaleimide; Aluminum fluoride; G-protein (Ong, J. (287) 197)

Galanin

Galantide; Parasympathetic neuron; K^+ conductance; Ca^{2+} conductance (Mulvaney, J.M. (287) 97)

Galantide

Galanin; Parasympathetic neuron; K^+ conductance; Ca^{2+} conductance (Mulvaney, J.M. (287) 97)

Glibenclamide

K_{ATP} channel; Myocardial ischemia; Glucose (Kamigaki, M. (287) 121)

Levcromakalim; Artery, subcutaneous; (Human) (Hüsken, B.C.P. (287) 313)

Glucocorticoid

Lipopolysaccharide; Antioxidant; Vitamin E; Vitamin C; Allopurinol (Dimmeler, S. (287) 257)

Glucose

K_{ATP} channel; Myocardial ischemia; Glibenclamide (Kamigaki, M. (287) 121)

Glutamate

Prepulse inhibition, rat; 5-HT (5-hydroxytryptamine, serotonin); Antipsychotic; Schizophrenia (Varty, G.B. (287) 201)

Glutamate release

Adenosine A_{2A} receptor; Striatum; (Rat) (Popoli, P. (287) 215)

G-protein

GABA_B receptor; Baclofen; Neocortical slice, rat; *N*-Ethylmaleimide; Aluminum fluoride (Ong, J. (287) 197)

GR55562

GR127935; Metergoline; Methiothepin; 5-HT_{1D α} receptor; 5-HT_{1D β} receptor (Walsh, D.M. (287) 79)

GR127935

GR55562; Metergoline; Methiothepin; 5-HT_{1D α} receptor; 5-HT_{1D β} receptor (Walsh, D.M. (287) 79)

Granisetron

5-HT₃ receptor; Dopamine; Morphine; Reward (Rompré, P.-P. (287) 263)

Growth hormone

Hypothalamus; Pituitary; α_2 -Adrenoceptor; Clonidine; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2A} -Adrenoceptor subtype; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

GTP-binding protein

Adenylate cyclase; Anandamide; Cannabinoid receptor (Barg, J. (287) 145)

GYKI 52466

MK-801; Cystometrogram; Urethral sphincter, external; Bladder reflex (Yoshiyama, M. (287) 73)

Heart, rat

α_1 -Adrenoceptor; β -Adrenoceptor; Myocardial contractility; Protein phosphorylation (Hartmann, M. (287) 57)

Hippocampus, rat

GABA_B receptor; (*RS*)-($\pm$)-Baclofen; (*S*)-2-Hydroxysaclofen; (*R*)-2-Hydroxysaclofen; Ileum, guinea pig; Neocortex, rat (Kerr, D.I.B. (287) 185)

Histamine

Spinal cord, rat; [³H]Noradrenaline; Electrical stimulation; Histamine H_3 receptor (Celuch, S.M. (287) 127)

Histamine H_3 receptor

Spinal cord, rat; [³H]Noradrenaline; Electrical stimulation; Histamine (Celuch, S.M. (287) 127)

Histogranin

NMDA receptor; Passive avoidance; Learning; Memory; (Mouse) (Maurice, T. (287) 219)

5-HT (5-hydroxytryptamine, serotonin)

Micturition; Spinal cord; 5-HT₃ receptor (Espey, M.J. (287) 173)

Prepulse inhibition, rat; Glutamate; Antipsychotic; Schizophrenia (Varty, G.B. (287) 201)

α_1 -Adrenoceptor; 5-HT₂ receptor; Aorta, rat; SDZ NVI-085; SK&F 89748-A (Van der Graaf, P.H. (287) 309)

5-HT_{1D α} receptor

GR127935; GR55562; Metergoline; Methiothepin; 5-HT_{1D β} receptor (Walsh, D.M. (287) 79)

5-HT_{1A} receptor

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); *d*-Amphetamine; Dopamine; Microdialysis, in vivo; Nucleus accumbens; Striatum; (Rat) (Ichikawa, J. (287) 179)

5-HT_{1D β} receptor

GR127935; GR55562; Metergoline; Methiothepin; 5-HT_{1D α} receptor (Walsh, D.M. (287) 79)

5-HT₂ receptor

α_1 -Adrenoceptor; 5-HT (5-hydroxytryptamine, serotonin); Aorta, rat; SDZ NVI-085; SK&F 89748-A (Van der Graaf, P.H. (287) 309)

5-HT₃ receptor

Micturition; Spinal cord; 5-HT (5-hydroxytryptamine, serotonin) (Espey, M.J. (287) 173)

Dopamine; Granisetron; Morphine; Reward (Rompré, P.-P. (287) 263)

(*R*)-2-Hydroxysaclofen

GABA_B receptor; (*RS*)-($\pm$)-Baclofen; (*S*)-2-Hydroxysaclofen; Ileum, guinea pig; Hippocampus, rat; Neocortex, rat (Kerr, D.I.B. (287) 185)

(*S*)-2-Hydroxysaclofen

GABA_B receptor; (*RS*)-($\pm$)-Baclofen; (*R*)-2-Hydroxysaclofen; Ileum, guinea pig; Hippocampus, rat; Neocortex, rat (Kerr, D.I.B. (287) 185)

Hypertension

Nitric oxide (NO); Enalapril; Renin-angiotensin system; Myocardial ischemia (Moreno, Jr., H. (287) 93)

Hypothalamus

Pituitary; α_2 -Adrenoceptor; Growth hormone; Clonidine; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2A} -Adrenoceptor subtype; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

Ileum, guinea pig

GABA_B receptor; (*RS*)-($\pm$)-Baclofen; (*S*)-2-Hydroxysaclofen; (*R*)-2-Hydroxysaclofen; Hippocampus, rat; Neocortex, rat (Kerr, D.I.B. (287) 185)

Intestinal transit

K_{ATP} channel opener; Pinacidil; Cromakalim; Morphine; Diarrhea (Poggioli, R. (287) 207)

Ion transport

Loop of Henle; Bradykinin; Ca²⁺ (Grider, J. (287) 101)

Ischemia

Reperfusion; Skeletal muscle; Phosphocreatine disodium salt; Phosphocreatine di-L-arginine salt; L-Arginine; Current clamp; Electrophysiology (Tricarico, D. (287) 17)

Adenosine; Adenosine receptor; Therapy; (Gerbil) (Von Lubitz, D.K.J.E. (287) 295)

K_{ATP} channel

Myocardial ischemia; Glucose; Glibenclamide (Kamigaki, M. (287) 121)

K_{ATP} channel opener

Pinacidil; Cromakalim; Morphine; Intestinal transit; Diarrhea (Poggioli, R. (287) 207)

K⁺ conductance

Galantide; Galanin; Parasympathetic neuron; Ca²⁺ conductance (Mulvaney, J.M. (287) 97)

L-163,491

Pulmonary vascular bed, cat; Angiotensin receptor-mediated response; Captopril; PD 123319; DuP 532 (Kaye, A.D. (287) 163)

Learning

Histogranin; NMDA receptor; Passive avoidance; Memory; (Mouse) (Maurice, T. (287) 219)

Levcromakalim

Glibenclamide; Artery, subcutaneous; (Human) (Hüsken, B.C.P. (287) 313)

Lipopolysaccharide

Antioxidant; Vitamin E; Vitamin C; Allopurinol; Glucocorticoid (Dimmeler, S. (287) 257)

Lipoxin A₄

Cholinergic neurotransmission; Nitric oxide (NO); Smooth muscle, airway (Tamaoki, J. (287) 233)

Locomotor activity

μ-Opioid receptor; Tyr-D-Arg-Phe-β-Ala-NH₂; β-Funaltrexamine; Memory; Passive avoidance; (Mouse) (Ukai, M. (287) 245)

Loop of Henle

Bradykinin; Ion transport; Ca²⁺ (Grider, J. (287) 101)

Melanophore, *Xenopus laevis*

Melatonin; Chiral analog; Binding site (Sugden, D. (287) 239)

Melatonin

Chiral analog; Binding site; Melanophore, *Xenopus laevis* (Sugden, D. (287) 239)

Memory

Histogranin; NMDA receptor; Passive avoidance; Learning; (Mouse) (Maurice, T. (287) 219)

μ-Opioid receptor; Tyr-D-Arg-Phe-β-Ala-NH₂; β-Funaltrexamine; Passive avoidance; Locomotor activity; (Mouse) (Ukai, M. (287) 245)

Metabotropic glutamate receptor

Adenosine A₂ receptor; Basal ganglia; Striatum; Subthalamic nucleus (Feeley Kearney, J.A. (287) 115)

Metergoline

GR127935; GR55562; Methiothepin; 5-HT_{1Dα} receptor; 5-HT_{1Dβ} receptor (Walsh, D.M. (287) 79)

Methiothepin

GR127935; GR55562; Metergoline; 5-HT_{1Dα} receptor; 5-HT_{1Dβ} receptor (Walsh, D.M. (287) 79)

Microdialysis, in vivo

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); *d*-Amphetamine; Dopamine; 5-HT_{1A} receptor; Nucleus accumbens; Striatum; (Rat) (Ichikawa, J. (287) 179)

Microdialysis, in vivo, in freely moving rat

p-Fluoroamphetamine; Drug discrimination; ³H-Monoamine uptake inhibition (Marona-Lewicka, D. (287) 105)

Micturition

Spinal cord; 5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin) (Espey, M.J. (287) 173)

MK-801

GYKI 52466; Cystometrogram; Urethral sphincter, external; Bladder reflex (Yoshiyama, M. (287) 73)

³H-Monoamine uptake inhibition

p-Fluoroamphetamine; Drug discrimination; Microdialysis, in vivo, in freely moving rat (Marona-Lewicka, D. (287) 105)

Morphine

Cloccinamox; Opioid receptor antagonist; DAMGO ([D-Ala², MePhe⁴, Gly-ol⁵]enkephalin); DPDPE ([D-Pen², D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

K_{ATP} channel opener; Pinacidil; Cromakalim; Intestinal transit; Diarrhea (Poggioli, R. (287) 207)

5-HT₃ receptor; Dopamine; Granisetron; Reward (Rompré, P.-P. (287) 263)

MPC-1304

Ca²⁺ channel antagonist receptor; Receptor occupation; Spontaneously hypertensive rat (SHR) (Nozawa, Y. (287) 191)

Myocardial contractility

Heart, rat; α₁-Adrenoceptor; β-Adrenoceptor; Protein phosphorylation (Hartmann, M. (287) 57)

Myocardial ischemia

Nitric oxide (NO); Hypertension; Enalapril; Renin-angiotensin system (Moreno, Jr., H. (287) 93)

K_{ATP} channel; Glucose; Glibenclamide (Kamigaki, M. (287) 121)

Neocortex, rat

GABA_B receptor; (*RS*)-(±)-Baclofen; (*S*)-2-Hydroxysaclofen; (*R*)-2-Hydroxysaclofen; Ileum, guinea pig; Hippocampus, rat (Kerr, D.I.B. (287) 185)

Neocortical slice, rat

GABA_B receptor; Baclofen; *N*-Ethylmaleimide; Aluminum fluoride; G-protein (Ong, J. (287) 197)

Nerve growth factor

Neuropeptide Y; Tyrosine hydroxylase; PC12 cell; Dexamethasone; Pertussis toxin (McCullough, L.A. (287) 271)

Neuropeptide Y

Tyrosine hydroxylase; PC12 cell; Nerve growth factor; Dexamethasone; Pertussis toxin (McCullough, L.A. (287) 271)

Neurotrophin-3

Ethanol tolerance; BDNF (brain-derived neurotrophic factor); Neurotrophin-4/5 (Szabó, G. (287) 35)

Neurotrophin-4 / 5

Ethanol tolerance; BDNF (brain-derived neurotrophic factor); Neurotrophin-3 (Szabó, G. (287) 35)

Nitric oxide (NO)

N^G-Nitro-L-arginine; Pressor response; Sympathetic nervous system; Renin-angiotensin system; (Dog) (Nakahara, T. (287) 49)

Hypertension; Enalapril; Renin-angiotensin system; Myocardial ischemia (Moreno, Jr., H. (287) 93)

Epilepsy; Nitric oxide (NO) synthase; 7-Nitro indazole; Pilocarpine; Seizure (Van Leeuwen, R. (287) 211)

Lipoxin A₄; Cholinergic neurotransmission; Smooth muscle, airway (Tamaoki, J. (287) 233)

Nitric oxide (NO) synthase

Epilepsy; Nitric oxide (NO); 7-Nitro indazole; Pilocarpine; Seizure (Van Leeuwen, R. (287) 211)

***N*^G-Nitro-L-arginine**

Nitric oxide (NO); Pressor response; Sympathetic nervous system; Renin-angiotensin system; (Dog) (Nakahara, T. (287) 49)

7-Nitro indazole

Epilepsy; Nitric oxide (NO); Nitric oxide (NO) synthase; Pilocarpine; Seizure (Van Leeuwen, R. (287) 211)

NMDA receptor

Histogranin; Passive avoidance; Learning; Memory; (Mouse) (Maurice, T. (287) 219)

Remacemide hydrochloride; FPL 12495AA; Cortical wedge (Hu, R.Q. (287) 251)

[³H]Noradrenaline

Spinal cord, rat; Electrical stimulation; Histamine; Histamine H₃ receptor (Celuch, S.M. (287) 127)

Nucleus accumbens

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); *d*-Amphetamine; Dopamine; 5-HT_{1A} receptor; Microdialysis, in vivo; Striatum; (Rat) (Ichikawa, J. (287) 179)

δ-Opioid receptor

Antisense oligodeoxynucleotide; β-Endorphin; Antinociception (Tseng, L.F. (287) 169)

μ-Opioid receptor

Tyr-D-Arg-Phe-β-Ala-NH₂; β-Funaltrexamine; Memory; Passive avoidance; Locomotor activity; (Mouse) (Ukai, M. (287) 245)

Opioid receptor alkylation

Cloccinamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Opioid receptor antagonist

Cloccinamox; Morphine; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Opioid receptor binding

Cloccinamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Oxidative stress

Streptozotocin; Acetyl-L-carnitine; Brain; Alzheimer's disease (Terwel, D. (287) 65)

Oxymetazoline

Hypothalamus; Pituitary; α₂-Adrenoceptor; Growth hormone; Clonidine; α₂-Adrenoceptor antagonist; α_{2A}-Adrenoceptor subtype; α_{2B}-Adrenoceptor subtype (Makara, G.B. (287) 43)

PACAP (pituitary adenylate cyclase activating polypeptide) analog

Recombinant PACAP receptor (Gourlet, P. (287) 7)

Papillary muscle

Propionyl-L-carnitine; Cardiomyopathy; (Hamster) (Maresca, P. (287) 303)

Parasympathetic neuron

Galantide; Galanin; K⁺ conductance; Ca²⁺ conductance (Mulaney, J.M. (287) 97)

Passive avoidance

Histogranin; NMDA receptor; Learning; Memory; (Mouse) (Maurice, T. (287) 219)

μ-Opioid receptor; Tyr-D-Arg-Phe-β-Ala-NH₂; β-Funaltrexamine; Memory; Locomotor activity; (Mouse) (Ukai, M. (287) 245)

Patch-clamp technique

Ca²⁺ current, L-type; Verapamil; Binding site; Ventricular myocyte, rat (Wegener, J.W. (287) 89)

PC12 cell

Neuropeptide Y; Tyrosine hydroxylase; Nerve growth factor; Dexamethasone; Pertussis toxin (McCullough, L.A. (287) 271)

PD 123319

L-163,491; Pulmonary vascular bed, cat; Angiotensin receptor-mediated response; Captopril; DuP 532 (Kaye, A.D. (287) 163)

Pertussis toxin

Neuropeptide Y; Tyrosine hydroxylase; PC12 cell; Nerve growth factor; Dexamethasone (McCullough, L.A. (287) 271)

Phenylephrine

α_1 -Adrenoceptor; Renal function; Prazosin (Chen, C. (287) 1)

Phorbol dibutyrate

Vas deferens, rat; α_2 -Adrenoceptor; Xylazine; 4-Aminopyridine; Tetraethylammonium; Charybdotoxin; Bay K 8644 (Docherty, J.R. (287) 287)

Phosphocreatine di-L-arginine salt

Ischemia; Reperfusion; Skeletal muscle; Phosphocreatine disodium salt; L-Arginine; Current clamp; Electrophysiology (Tricarico, D. (287) 17)

Phosphocreatine disodium salt

Ischemia; Reperfusion; Skeletal muscle; Phosphocreatine di-L-arginine salt; L-Arginine; Current clamp; Electrophysiology (Tricarico, D. (287) 17)

Pilocarpine

Epilepsy; Nitric oxide (NO); Nitric oxide (NO) synthase; 7-Nitro indazole; Seizure (Van Leeuwen, R. (287) 211)

Pinacidil

K_{ATP} channel opener; Cromakalim; Morphine; Intestinal transit; Diarrhea (Poggioli, R. (287) 207)

Pituitary

Hypothalamus; α_2 -Adrenoceptor; Growth hormone; Clonidine; Oxymetazoline; α_2 -Adrenoceptor antagonist; α_{2A} -Adrenoceptor subtype; α_{2B} -Adrenoceptor subtype (Makara, G.B. (287) 43)

Prazosin

α_1 -Adrenoceptor; Renal function; Phenylephrine (Chen, C. (287) 1)

Prazosin-related antagonist

Cyclazosin; α_1 -Adrenoceptor antagonist; α_1 -Adrenoceptor subtype (Giardinà, D. (287) 13)

Prednisolone

Bleomycin; Experimental hypoxemia; Doxapram; Almitrine; TEI-7322 (Horiuchi, H. (287) 27)

Prepulse inhibition, rat

5-HT (5-hydroxytryptamine, serotonin); Glutamate; Antipsychotic; Schizophrenia (Varty, G.B. (287) 201)

Pressor response

Nitric oxide (NO); *N*^G-Nitro-L-arginine; Sympathetic nervous system; Renin-angiotensin system; (Dog) (Nakahara, T. (287) 49)

Propionyl-L-carnitine

Papillary muscle; Cardiomyopathy; (Hamster) (Maresca, P. (287) 303)

Protein phosphorylation

Heart, rat; α_1 -Adrenoceptor; β -Adrenoceptor; Myocardial contractility (Hartmann, M. (287) 57)

Pulmonary vascular bed, cat

L-163,491; Angiotensin receptor-mediated response; Captopril; PD 123319; DuP 532 (Kaye, A.D. (287) 163)

Receptor desensitisation

Airway hyperreactivity; β -Adrenoceptor agonist; Salbutamol; β -Adrenoceptor; (Guinea pig) (Buchheit, K.-H. (287) 85)

Receptor occupation

MPC-1304; Ca²⁺ channel antagonist receptor; Spontaneously hypertensive rat (SHR) (Nozawa, Y. (287) 191)

Recombinant PACAP receptor

PACAP (pituitary adenylate cyclase activating polypeptide) analog (Gourlet, P. (287) 7)

Remacemide hydrochloride

FPL 12495AA; Cortical wedge; NMDA receptor (Hu, R.Q. (287) 251)

Remoxipride

Antinociception; Catalepsy; Rotarod; (Sheep) (Main, D.C.J. (287) 221)

Renal function

α_1 -Adrenoceptor; Phenylephrine; Prazosin (Chen, C. (287) 1)

Renin-angiotensin system

Nitric oxide (NO); *N*^G-Nitro-L-arginine; Pressor response; Sympathetic nervous system; (Dog) (Nakahara, T. (287) 49)

Nitric oxide (NO); Hypertension; Enalapril; Myocardial ischemia (Moreno, Jr., H. (287) 93)

Reperfusion

Ischemia; Skeletal muscle; Phosphocreatine disodium salt; Phosphocreatine di-L-arginine salt; L-Arginine; Current clamp; Electrophysiology (Tricarico, D. (287) 17)

Reward

5-HT₃ receptor; Dopamine; Granisetron; Morphine (Rompré, P.-P. (287) 263)

mRNA

Cloccinamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala², MePhe⁴, Gly-ol⁵]enkephalin); DPDPE ([D-Pen², D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

R(+)-8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)

WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); *d*-Amphetamine; Dopamine; 5-HT_{1A} receptor; Microdialysis, in vivo; Nucleus accumbens; Striatum; (Rat) (Ichikawa, J. (287) 179)

Rotarod

Remoxipride; Antinociception; Catalepsy; (Sheep) (Main, D.C.J. (287) 221)

Salbutamol

Airway hyperreactivity; β -Adrenoceptor agonist; β -Adrenoceptor; Receptor desensitisation; (Guinea pig) (Buchheit, K.-H. (287) 85)

Schizophrenia

Prepulse inhibition, rat; 5-HT (5-hydroxytryptamine, serotonin); Glutamate; Antipsychotic (Varty, G.B. (287) 201)

SDZ NVI-085

α_1 -Adrenoceptor; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₂ receptor; Aorta, rat; SK&F 89748-A (Van der Graaf, P.H. (287) 309)

Seizure

Epilepsy; Nitric oxide (NO); Nitric oxide (NO) synthase; 7-Nitro indazole; Pilocarpine (Van Leeuwen, R. (287) 211)

Skeletal muscle

Ischemia; Reperfusion; Phosphocreatine disodium salt; Phosphocreatine di-L-arginine salt; L-Arginine; Current clamp; Electrophysiology (Tricarico, D. (287) 17)

SK&F 89748-A

α_1 -Adrenoceptor; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₂ receptor; Aorta, rat; SDZ NVI-085 (Van der Graaf, P.H. (287) 309)

Smooth muscle

Endothelin; Vascular; Endothelin receptor (Lodge, N.J. (287) 279)

Smooth muscle, airway

Lipoxin A₄; Cholinergic neurotransmission; Nitric oxide (NO) (Tamaoki, J. (287) 233)

Solution hybridization

Clocinnamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U69,593; Opioid receptor alkylation; Opioid receptor binding; mRNA; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Spinal cord

Micturition; 5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin) (Espey, M.J. (287) 173)

Spinal cord, rat

[³H]Noradrenaline; Electrical stimulation; Histamine; Histamine H₃ receptor (Celuch, S.M. (287) 127)

Spontaneously hypertensive rat (SHR)

MPC-1304; Ca²⁺ channel antagonist receptor; Receptor occupation (Nozawa, Y. (287) 191)

Streptozotocin

Acetyl-L-carnitine; Brain; Alzheimer's disease; Oxidative stress (Terwel, D. (287) 65)

Striatum

Adenosine A₂ receptor; Basal ganglia; Metabotropic glutamate receptor; Subthalamic nucleus (Feeley Kearney, J.A. (287) 115)

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride); *d*-Amphetamine; Dopamine; 5-HT_{1A} receptor; Microdialysis, in vivo; Nucleus accumbens; (Rat) (Ichikawa, J. (287) 179)

Adenosine A_{2A} receptor; Glutamate release; (Rat) (Popoli, P. (287) 215)

Subthalamic nucleus

Adenosine A₂ receptor; Basal ganglia; Metabotropic glutamate receptor; Striatum (Feeley Kearney, J.A. (287) 115)

Sympathetic nervous system

Nitric oxide (NO); *N*^G-Nitro-L-arginine; Pressor response; Renin-angiotensin system; (Dog) (Nakahara, T. (287) 49)

TEI-7322

Bleomycin; Experimental hypoxemia; Prednisolone; Doxapram; Almitrine (Horiuchi, H. (287) 27)

Tetraethylammonium

Vas deferens, rat; α_2 -Adrenoceptor; Xylazine; 4-Aminopyridine; Charybdotoxin; Phorbol dibutyrate; Bay K 8644 (Docherty, J.R. (287) 287)

Therapy

Adenosine; Ischemia; Adenosine receptor; (Gerbil) (Von Lubitz, D.K.J.E. (287) 295)

Tyr-D-Arg-Phe- β -Ala-NH₂

μ -Opioid receptor; β -Funaltrexamine; Memory; Passive avoidance; Locomotor activity; (Mouse) (Ukai, M. (287) 245)

Tyrosine hydroxylase

Neuropeptide Y; PC12 cell; Nerve growth factor; Dexamethasone; Pertussis toxin (McCullough, L.A. (287) 271)

U69,593

Clocinnamox; Morphine; Opioid receptor antagonist; DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Opioid receptor alkylation; Opioid receptor binding; mRNA; Solution hybridization; Analgesia; (Irreversible antagonist) (Chan, K. (287) 135)

Urethra

α_1 -Adrenoceptor; Aorta (Auguet, M. (287) 153)

Urethral sphincter, external

GYKI 52466; MK-801; Cystometrogram; Bladder reflex (Yoshiyama, M. (287) 73)

Vascular

Endothelin; Smooth muscle; Endothelin receptor (Lodge, N.J. (287) 279)

Vas deferens, rat

α_2 -Adrenoceptor; Xylazine; 4-Aminopyridine; Tetraethylammonium; Charybdotoxin; Phorbol dibutyrate; Bay K 8644 (Docherty, J.R. (287) 287)

Ventricular myocyte, rat

Ca²⁺ current, L-type; Verapamil; Binding site; Patch-clamp technique (Wegener, J.W. (287) 89)

Verapamil

Ca²⁺ current, L-type; Binding site; Ventricular myocyte, rat; Patch-clamp technique (Wegener, J.W. (287) 89)

Vitamin C

Lipopolysaccharide; Antioxidant; Vitamin E; Allopurinol; Glucocorticoid (Dimmeler, S. (287) 257)

Vitamin E

Lipopolysaccharide; Antioxidant; Vitamin C; Allopurinol; Glucocorticoid (Dimmeler, S. (287) 257)

WAY 100,635 (*n*-[2-[4-(2-methoxyphenyl)-1-piperazinyl]ethyl]-*n*-(2-pyridinyl)cyclohexanecarboxamide trihydrochloride)

R(+)-8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); *d*-Amphetamine; Dopamine; 5-HT_{1A} receptor; Microdialysis, in vivo; Nucleus accumbens; Striatum; (Rat) (Ichikawa, J. (287) 179)

Xylazine

Vas deferens, rat; α_2 -Adrenoceptor; 4-Aminopyridine; Tetraethylammonium; Charybdotoxin; Phorbol dibutyrate; Bay K 8644 (Docherty, J.R. (287) 287)