

Keyword index

Acetophenone analogue

Choleretic; Cholesterol; Lithogenic index; Phloacetophenone; (*Curcuma comosa*) (Piyachaturawat, P. (387) 221)

Adenosine

ATP; Mesentery, hamster; Prejunctional neuromodulation; Purine receptor; Sympathetic neurotransmission (Ralevic, V. (387) 287)

Adenosine receptor agonist

Myocardial infarction; Protection, delayed; (Minipig) (Meng, H. (387) 101)

Adenylyl cyclase

NS-105; Glutamate receptor, metabotropic; Antisense oligodeoxynucleotide, knockdown; Primary neuronal culture (Hirouchi, M. (387) 9)

α_2 -Adrenoceptor

Atipamezole; Ageing; Memory; Cholinergic system; Noradrenergic system (Haapalinna, A. (387) 141)

β -Adrenoceptor stimulation

Coronary blood flow; Coronary vasodilatation; Coronary vasodilator tone (Fernández, N. (387) 93)

α_1 -Adrenoceptor subtype

Nasal mucosa vasculature; Noradrenaline; NS-49; Vasoconstrictor response (Tanimitsu, N. (387) 73)

Ageing

α_2 -Adrenoceptor; Atipamezole; Memory; Cholinergic system; Noradrenergic system (Haapalinna, A. (387) 141)

Alzheimer's disease

Cholinergic system; Cholinesterase inhibitor; Cerebral metabolism; Nucleus basalis, rat (Bassant, M.-H. (387) 151)

Aminoglycoside

Ototoxicity; NMDA receptor; Dizocilpine (Harvey, S.C. (387) 1)

Amtolmetin guacyl

Antisecretion; Gastroprotection; Capsaicin; CGRP (calcitonin gene-related peptide) (Tubaro, E. (387) 233)

Antagonist

ATP receptor; Oocyte; Voltage clamp; Whole cell; NF279 (8,8'-(carbonylbis(imino-4,1-phenylenecarbonylimino-4,1-phenylenecarbonylimino))bis-(1,3,5-naphthalenetrisulfonic acid)) (Klapperstück, M. (387) 245)

Antinociceptive action

κ -Opioid receptor agonist; TRK-820; κ -Opioid receptor subtype (Endoh, T. (387) 133)

Antisecretion

Amtolmetin guacyl; Gastroprotection; Capsaicin; CGRP (calcitonin gene-related peptide) (Tubaro, E. (387) 233)

Antisense oligodeoxynucleotide, knockdown

NS-105; Glutamate receptor, metabotropic; Adenylyl cyclase; Primary neuronal culture (Hirouchi, M. (387) 9)

Antisense oligodeoxynucleotide

$\text{Na}^+/\text{Ca}^{2+}$ exchange; Ca^{2+} pump; Ca^{2+} concentration, Intracellular; Thapsigargin (Nakao, M. (387) 273)

Anxiety

Depression; 5-HT_{2C} receptor; (Rat) (Kennett, G. (387) 197)

Apomorphine

Dopamine; *N*-propyl analog; Microdialysis; Bioavailability; Striatum (Rodenhuis, N. (387) 39)

Arachidonic acid cascade

Valproate; Platelet; Brain microvessel, rat (Szupera, Z. (387) 205)

Arterial baroreceptor

Autonomic nervous system; Propofol (Xu, H. (387) 79)

Atherosclerosis

Endothelin-converting enzyme; Endothelin; Cholesterol; Lipid peroxide; (Rabbit) (Mitani, H. (387) 313)

Atipamezole

α_2 -Adrenoceptor; Ageing; Memory; Cholinergic system; Noradrenergic system (Haapalinna, A. (387) 141)

ATP

Vas deferens; Ectonucleotidase; Purinergic (Tennant, J.P. (387) 107)

Adenosine; Mesentery, hamster; Prejunctional neuromodulation; Purine receptor; Sympathetic neurotransmission (Ralevic, V. (387) 287)

ATP receptor

Oocyte; Antagonist; Voltage clamp; Whole cell; NF279 (8,8'-(carbonylbis(imino-4,1-phenylenecarbonylimino-4,1-phenylenecarbonylimino))bis-(1,3,5-naphthalenetrisulfonic acid)) (Klapperstück, M. (387) 245)

Autonomic nervous system

Arterial baroreceptor; Propofol (Xu, H. (387) 79)

Axial stretch

Circumferential stretch; Impedance planimetry; Coronary artery, large; Tone; Ca^{2+} -channel, voltage-gated; (Pig) (Tankó, L.B. (387) 303)

Bafilomycin A₁

α -Fluoromethylhistidine; Histidine decarboxylase; Reserpine; Vacuolar-type ATPase; Vesicular monoamine transporter (Lindström, E. (387) 19)

Behavioral dependence

THC (tetrahydrocannabinol); Dependence; Withdrawal; Operant behavior; SR141716A; (Rat) (Beardsley, P.M. (387) 47)

Binding, in vivo

Dopamine; Dopamine D₂ receptor; extrastriatal; [¹²³I]Epidepride; SPECT (Single photon emission computed tomography); α -Methyl-*para*-tyrosine; Schizophrenia (Fujita, M. (387) 179)

Bioavailability

Apomorphine; Dopamine; *N*-propyl analog; Microdialysis; Striatum (Rodenhuis, N. (387) 39)

Blood–brain barrier

Brain edema; Cerebral ischemia–reperfusion; Histamine; Intracellular histamine binding site; DPPE (*N,N*-diethyl-2-[4-(phenylmethyl)-phenoxy]ethanamine) (Deli, M.A. (387) 63)

Brain edema

Blood–brain barrier; Cerebral ischemia–reperfusion; Histamine; Intracellular histamine binding site; DPPE (*N,N*-diethyl-2-[4-(phenylmethyl)-phenoxy]ethanamine) (Deli, M.A. (387) 63)

Brain microvessel, rat

Valproate; Arachidonic acid cascade; Platelet (Szupera, Z. (387) 205)

Ca²⁺-channel, voltage-gated

Circumferential stretch; Axial stretch; Impedance planimetry; Coronary artery, large; Tone; (Pig) (Tankó, L.B. (387) 303)

Ca²⁺ concentration, Intracellular

Antisense oligodeoxynucleotide; Na⁺/Ca²⁺ exchange; Ca²⁺ pump; Thapsigargin (Nakao, M. (387) 273)

Ca²⁺ entry, capacitative

Ca²⁺ store, internal; Fura-2; Cation channel, non-selective; Tyrosine kinase (Ohta, T. (387) 211)

Ca²⁺, intracellular

Tyrosine kinase; Damnacanthal; Dermal fibroblast (Aoki, K. (387) 119)

cAMP

HCL-31D, platelet aggregation; Thromboxane B₂; Phosphoinositide breakdown (Chou, T.-C. (387) 125)

Thromboxane A₂; TP receptor; Forskolin; Mammary artery, internal; Saphenous vein (Cracowski, J.-L. (387) 295)

Capsaicin

Amtolmetin guacyl; Antisecretion; Gastroprotection; CGRP (calcitonin gene-related peptide) (Tubaro, E. (387) 233)

Ca²⁺ pump

Antisense oligodeoxynucleotide; Na⁺/Ca²⁺ exchange; Ca²⁺ concentration, Intracellular; Thapsigargin (Nakao, M. (387) 273)

Carbon monoxide (CO)

Nitric oxide (NO); Hydrogen peroxide; Corpus cavernosa; Urethra relaxation (Naseem, K.M. (387) 329)

Carboxyl terminal tail

δ -Opioid receptor; Down-regulation (Okura, T. (387) R11)

Ca²⁺ store, internal

Ca²⁺ entry, capacitative; Fura-2; Cation channel, non-selective; Tyrosine kinase (Ohta, T. (387) 211)

Cation channel, non-selective

Ca²⁺ entry, capacitative; Ca²⁺ store, internal; Fura-2; Tyrosine kinase (Ohta, T. (387) 211)

CCK_A receptor

SR 27897B; L-365,260; Cholecystokinin; Dopamine; CCK_B receptor (Tieppo, C.A. (387) 189)

CCK_B receptor

SR 27897B; L-365,260; Cholecystokinin; Dopamine; CCK_A receptor (Tieppo, C.A. (387) 189)

Cerebral ischemia–reperfusion

Blood–brain barrier; Brain edema; Histamine; Intracellular histamine binding site; DPPE (*N,N*-diethyl-2-[4-(phenylmethyl)phenoxy]ethanamine) (Deli, M.A. (387) 63)

Cerebral metabolism

Cholinergic system; Cholinesterase inhibitor; Alzheimer's disease; Nucleus basalis, rat (Bassant, M.-H. (387) 151)

CGRP (calcitonin gene-related peptide)

Amtolmetin guacyl; Antisecretion; Gastroprotection; Capsaicin (Tubaro, E. (387) 233)

Cholecystokinin

SR 27897B; L-365,260; Dopamine; CCK_A receptor; CCK_B receptor (Tieppo, C.A. (387) 189)

Choleretic

Acetophenone analogue; Cholesterol; Lithogenic index; Phloacetophenone; (*Curcuma comosa*) (Piyachaturawat, P. (387) 221)

Cholesterol

Acetophenone analogue; Choleretic; Lithogenic index; Phloacetophenone; (*Curcuma comosa*) (Piyachaturawat, P. (387) 221)

Endothelin-converting enzyme; Endothelin; Atherosclerosis; Lipid peroxide; (Rabbit) (Mitani, H. (387) 313)

Cholinergic neurotransmission

Experimental diabetes; Nitric oxide (NO) (Özdem, S.S. (387) 321)

Cholinergic system

α_2 -Adrenoceptor; Atipamezole; Ageing; Memory; Noradrenergic system (Haapalinna, A. (387) 141)

Cholinesterase inhibitor; Cerebral metabolism; Alzheimer's disease; Nucleus basalis, rat (Bassant, M.-H. (387) 151)

Cholinesterase inhibitor

Cholinergic system; Cerebral metabolism; Alzheimer's disease; Nucleus basalis, rat (Bassant, M.-H. (387) 151)

Circumferential stretch

Axial stretch; Impedance planimetry; Coronary artery, large; Tone; Ca²⁺-channel, voltage-gated; (Pig) (Tankó, L.B. (387) 303)

Clonidine-displacing substance

NG108-15 cell; Reverse phase HPLC; Imidazoline binding site (Parker, C.A. (387) 27)

Cocaine

Corticosterone; Neuroendocrine; Hypothalamo pituitary–adrenal axis; Self-administration; Stress (Galici, R. (387) 59)

Conantokin G

Conopeptide; Neurotensin; Dynorphin; Methamphetamine; NMDA receptor (Bush, L. (387) 55)

Conopeptide

Conantokin G; Neurotensin; Dynorphin; Methamphetamine; NMDA receptor (Bush, L. (387) 55)

Constitutive activity

Histamine H₁ receptor; Inverse agonism (Bakker, R.A. (387) R5)

Continuous infusion

Dihydroetorphine; Morphine; Physical dependence; Stereotypy; (Rat) (Aceto, M.D. (387) 31)

Coronary artery, large

Circumferential stretch; Axial stretch; Impedance planimetry; Tone; Ca²⁺-channel, voltage-gated; (Pig) (Tankó, L.B. (387) 303)

Coronary blood flow

Coronary vasodilatation; Coronary vasodilator tone; β -Adrenoceptor stimulation (Fernández, N. (387) 93)

Coronary vasodilatation

Coronary blood flow; Coronary vasodilator tone; β -Adrenoceptor stimulation (Fernández, N. (387) 93)

Coronary vasodilator tone

Coronary blood flow; Coronary vasodilatation; β -Adrenoceptor stimulation (Fernández, N. (387) 93)

Corpus cavernosa

Nitric oxide (NO); Carbon monoxide (CO); Hydrogen peroxide; Urethra relaxation (Naseem, K.M. (387) 329)

Cortex, prefrontal

Locus coeruleus; Noradrenaline; Stress; NMDA receptor; GABA receptor; CRF receptor; Microdialysis (Kawahara, H. (387) 279)

Corticosterone

Cocaine; Neuroendocrine; Hypothalamo pituitary–adrenal axis; Self-administration; Stress (Galici, R. (387) 59)

CRF receptor

Locus coeruleus; Noradrenaline; Cortex, prefrontal; Stress; NMDA receptor; GABA receptor; Microdialysis (Kawahara, H. (387) 279)

Cyclopiazonic acid

Ischemia–reperfusion; Oxidative stress; Free radical; Reactive oxygen species (Grover, A.K. (387) 87)

Damnacanthal

Tyrosine kinase; Dermal fibroblast; Ca²⁺, intracellular (Aoki, K. (387) 119)

Dependence

THC (tetrahydrocannabinol); Withdrawal; Operant behavior; Behavioral dependence; SR141716A; (Rat) (Beardsley, P.M. (387) 47)

Depression

Anxiety; 5-HT_{2C} receptor; (Rat) (Kennett, G. (387) 197)

Neuropeptide-Y; Stress (Stogner, K.A. (387) R9)

Dermal fibroblast

Tyrosine kinase; Damnacanthal; Ca²⁺, intracellular (Aoki, K. (387) 119)

Diabetes

Endothelin receptor; Urinary bladder (Saito, M. (387) 253)

Dihydroetorphine

Morphine; Physical dependence; Stereotypy; Continuous infusion; (Rat) (Aceto, M.D. (387) 31)

Dizocilpine

Aminoglycoside; Ototoxicity; NMDA receptor (Harvey, S.C. (387) 1)

Dopamine

Apomorphine; *N*-propyl analog; Microdialysis; Bioavailability; Striatum (Rodenhuis, N. (387) 39)

Stress; Nicotine; Striatum; Hippocampus; (Rat) (Pawlak, R. (387) 171)

Dopamine D₂ receptor, extrastriatal; [¹²³I]Epidepride; SPECT (Single photon emission computed tomography); α -Methyl-*para*-tyrosine; Schizophrenia; Binding, in vivo (Fujita, M. (387) 179)

SR 27897B; L-365,260; Cholecystokinin; CCK_A receptor; CCK_B receptor (Tieppo, C.A. (387) 189)

Electrophysiology; Morphine (Melis, M. (387) R1)

Dopamine D₂ receptor, extrastriatal

Dopamine; [¹²³I]Epidepride; SPECT (Single photon emission computed tomography); α -Methyl-*para*-tyrosine; Schizophrenia; Binding, in vivo (Fujita, M. (387) 179)

Down-regulation

δ -Opioid receptor; Carboxyl terminal tail (Okura, T. (387) R11)

DPPE (*N,N*-diethyl-2-[4-(phenylmethyl)phenoxy]ethanamine)

Blood–brain barrier; Brain edema; Cerebral ischemia–reperfusion; Histamine; Intracellular histamine binding site (Deli, M.A. (387) 63)

Dynorphin

Conopeptide; Conantokin G; Neurotensin; Methamphetamine; NMDA receptor (Bush, L. (387) 55)

Ectonucleotidase

Vas deferens; ATP; Purinergic (Tennant, J.P. (387) 107)

Electrophysiology

Dopamine; Morphine (Melis, M. (387) R1)

Endothelin

Endothelin-converting enzyme; Atherosclerosis; Cholesterol; Lipid peroxide; (Rabbit) (Mitani, H. (387) 313)

Endothelin-converting enzyme

Endothelin; Atherosclerosis; Cholesterol; Lipid peroxide; (Rabbit) (Mitani, H. (387) 313)

Endothelin receptor

Diabetes; Urinary bladder (Saito, M. (387) 253)

Escin Ib

Escin IIb; Mg²⁺ absorption; Nitric oxide (NO) (Li, Y. (387) 337)

Escin IIb

Escin Ib; Mg²⁺ absorption; Nitric oxide (NO) (Li, Y. (387) 337)

Experimental diabetes

Cholinergic neurotransmission; Nitric oxide (NO) (Özdem, S.S. (387) 321)

Fas

Glycyrrhizin; Hepatitis (Okamoto, T. (387) 229)

α -Fluoromethylhistidine

Bafilomycin A₁; Histidine decarboxylase; Reserpine; Vacuolar-type ATPase; Vesicular monoamine transporter (Lindström, E. (387) 19)

Forskolin

Thromboxane A₂; TP receptor; cAMP; Mammary artery, internal; Saphenous vein (Cracowski, J.-L. (387) 295)

Free radical

Ischemia–reperfusion; Cyclopiazonic acid; Oxidative stress; Reactive oxygen species (Grover, A.K. (387) 87)

Fura-2

Ca²⁺ entry, capacitative; Ca²⁺ store, internal; Cation channel, non-selective; Tyrosine kinase (Ohta, T. (387) 211)

GABA receptor

Locus coeruleus; Noradrenaline; Cortex, prefrontal; Stress; NMDA receptor; CRF receptor; Microdialysis (Kawahara, H. (387) 279)

Gastroprotection

Amtolmetin guacyl; Antisecretion; Capsaicin; CGRP (calcitonin gene-related peptide) (Tubaro, E. (387) 233)

Glutamate receptor, metabotropic

NS-105; Adenylyl cyclase; Antisense oligodeoxynucleotide, knockdown; Primary neuronal culture (Hirouchi, M. (387) 9)

Glycyrrhizin

Fas; Hepatitis (Okamoto, T. (387) 229)

HCL-31D, platelet aggregation

cAMP; Thromboxane B₂; Phosphoinositide breakdown (Chou, T.-C. (387) 125)

Hepatitis

Fas; Glycyrrhizin (Okamoto, T. (387) 229)

Hippocampus

Stress; Nicotine; Dopamine; Striatum; (Rat) (Pawlak, R. (387) 171)

Histamine

Blood–brain barrier; Brain edema; Cerebral ischemia–reperfusion; Intracellular histamine binding site; DPPE (*N,N*-diethyl-2-[4-(phenylmethyl)phenoxy]ethanamine) (Deli, M.A. (387) 63)

Histamine H₁ receptor

Constitutive activity; Inverse agonism (Bakker, R.A. (387) R5)

Histidine decarboxylase

Bafilomycin A₁; α -Fluoromethylhistidine; Reserpine; Vacuolar-type ATPase; Vesicular monoamine transporter (Lindström, E. (387) 19)

[³H]Mesulergine

5-HT₇ receptor; Ileum, mouse (Hemedah, M. (387) 265)

5-HT_{2C} receptor

Anxiety; Depression; (Rat) (Kennett, G. (387) 197)

5-HT₇ receptor

Ileum, mouse; [³H]Mesulergine (Hemedah, M. (387) 265)

Hydrogen peroxide

Nitric oxide (NO); Carbon monoxide (CO); Corpus cavernosa; Urethra relaxation (Naseem, K.M. (387) 329)

Hypothalamo pituitary–adrenal axis

Cocaine; Corticosterone; Neuroendocrine; Self-administration; Stress (Galici, R. (387) 59)

[¹²³I]Epidopride

Dopamine; Dopamine D₂ receptor, extrastriatal; SPECT (Single photon emission computed tomography); α -Methyl-*para*-tyrosine; Schizophrenia; Binding, in vivo (Fujita, M. (387) 179)

Ileum, mouse

5-HT₇ receptor; [³H]Mesulergine (Hemedah, M. (387) 265)

Imidazoline binding site

Clonidine-displacing substance; NG108-15 cell; Reverse phase HPLC (Parker, C.A. (387) 27)

Impedance planimetry

Circumferential stretch; Axial stretch; Coronary artery, large; Tone; Ca²⁺-channel, voltage-gated; (Pig) (Tankó, L.B. (387) 303)

Inflammation

μ -Opioid receptor; Knockout mice (Qiu, C. (387) 163)

Interferon γ

Δ^9 -Tetrahydrocannabinol; SR 141716; SR 144528; Natural killer cell cytolytic activity (Massi, P. (387) 343)

Interleukin 8

Nociception; Interleukin 1 β ; TNF- α ; Macrophage; Mast cell; (Tumour necrosis factor- α) (Ribeiro, R.A. (387) 111)

Interleukin 1 β

Nociception; Interleukin 8; TNF- α ; Macrophage; Mast cell; (Tumour necrosis factor- α) (Ribeiro, R.A. (387) 111)

Intracellular histamine binding site

Blood–brain barrier; Brain edema; Cerebral ischemia–reperfusion; Histamine; DPPE (*N,N*-diethyl-2-[4-(phenylmethyl)phenoxy]ethanamine) (Deli, M.A. (387) 63)

Inverse agonism

Histamine H₁ receptor; Constitutive activity (Bakker, R.A. (387) R5)

Ischemia–reperfusion

Cyclopiazonic acid; Oxidative stress; Free radical; Reactive oxygen species (Grover, A.K. (387) 87)

Knockout mice

Inflammation; μ -Opioid receptor (Qiu, C. (387) 163)

L-365,260

SR 27897B; Cholecystokinin; Dopamine; CCK_A receptor; CCK_B receptor (Tieppo, C.A. (387) 189)

Lethality

Seizure; Sensitization (Gasior, M. (387) R15)

Lipid peroxide

Endothelin-converting enzyme; Endothelin; Atherosclerosis; Cholesterol; (Rabbit) (Mitani, H. (387) 313)

Lithogenic index

Acetophenone analogue; Choleric; Cholesterol; Phloacetophenone; (*Curcuma comosa*) (Piyachaturawat, P. (387) 221)

Locus coeruleus

Noradrenaline; Cortex, prefrontal; Stress; NMDA receptor; GABA receptor; CRF receptor; Microdialysis (Kawahara, H. (387) 279)

Macrophage

Nociception; Interleukin 1 β ; Interleukin 8; TNF- α ; Mast cell; (Tumour necrosis factor- α) (Ribeiro, R.A. (387) 111)

Mammary artery, internal

Thromboxane A₂; TP receptor; Forskolin; cAMP; Saphenous vein (Cracowski, J.-L. (387) 295)

Mast cell

Nociception; Interleukin 1 β ; Interleukin 8; TNF- α ; Macrophage; (Tumour necrosis factor- α) (Ribeiro, R.A. (387) 111)

Memory

α_2 -Adrenoceptor; Atipamezole; Ageing; Cholinergic system; Noradrenergic system (Haapalinna, A. (387) 141)

Mesentery, hamster

Adenosine; ATP; Prejunctional neuromodulation; Purine receptor; Sympathetic neurotransmission (Ralevic, V. (387) 287)

Methamphetamine

Conopeptide; Conantokin G; Neurotensin; Dynorphin; NMDA receptor (Bush, L. (387) 55)

 α -Methyl-para-tyrosine

Dopamine; Dopamine D₂ receptor, extrastriatal; [¹²³I]Epidepride; SPECT (Single photon emission computed tomography); Schizophrenia; Binding, in vivo (Fujita, M. (387) 179)

Mg²⁺ absorption

Escin Ib; Escin IIb; Nitric oxide (NO) (Li, Y. (387) 337)

Microdialysis

Apomorphine; Dopamine; *N*-propyl analog; Bioavailability; Striatum (Rodenhuis, N. (387) 39)

Locus coeruleus; Noradrenaline; Cortex, prefrontal; Stress; NMDA receptor; GABA receptor; CRF receptor (Kawahara, H. (387) 279)

Morphine

Dihydroetorphine; Physical dependence; Stereotypy; Continuous infusion; (Rat) (Aceto, M.D. (387) 31)

Dopamine; Electrophysiology (Melis, M. (387) R1)

Myocardial infarction

Adenosine receptor agonist; Protection, delayed; (Minipig) (Meng, H. (387) 101)

Na⁺/Ca²⁺ exchange

Antisense oligodeoxynucleotide; Ca²⁺ pump; Ca²⁺ concentration, Intracellular; Thapsigargin (Nakao, M. (387) 273)

Nasal mucosa vasculature

Noradrenaline; NS-49; α_1 -Adrenoceptor subtype; Vasoconstrictor response (Tanimitsu, N. (387) 73)

Natural killer cell cytolytic activity

Δ^9 -Tetrahydrocannabinol; SR 141716; SR 144528; Interferon γ (Massi, P. (387) 343)

Neuroendocrine

Cocaine; Corticosterone; Hypothalamo pituitary-adrenal axis; Self-administration; Stress (Galici, R. (387) 59)

Neuropeptide-Y

Stress; Depression (Stogner, K.A. (387) R9)

Neurotensin

Conopeptide; Conantokin G; Dynorphin; Methamphetamine; NMDA receptor (Bush, L. (387) 55)

NF279 (8,8'-(carbonylbis(imino-4,1-phenylenecarbonylimino-4,1-phenylenecarbonylimino))bis(1,3,5-naphthalenetrisulfonic acid))

ATP receptor; Oocyte; Antagonist; Voltage clamp; Whole cell (Klapperstück, M. (387) 245)

NG108-15 cell

Clonidine-displacing substance; Reverse phase HPLC; Imidazoline binding site (Parker, C.A. (387) 27)

Nicotine

Stress; Dopamine; Striatum; Hippocampus; (Rat) (Pawlak, R. (387) 171)

Nicotine sensitization

Nucleus accumbens, Shell; Nucleus accumbens, Core (Cadoni, C. (387) R23)

Nitric oxide (NO)

Experimental diabetes; Cholinergic neurotransmission (Özdem, S.S. (387) 321)

Carbon monoxide (CO); Hydrogen peroxide; Corpus cavernosa; Urethra relaxation (Naseem, K.M. (387) 329)

Escin Ib; Escin IIb; Mg²⁺ absorption (Li, Y. (387) 337)

NMDA receptor

Aminoglycoside; Ototoxicity; Dizocilpine (Harvey, S.C. (387) 1)

Conopeptide; Conantokin G; Neurotensin; Dynorphin; Methamphetamine (Bush, L. (387) 55)

Locus coeruleus; Noradrenaline; Cortex, prefrontal; Stress; GABA receptor; CRF receptor; Microdialysis (Kawahara, H. (387) 279)

Nociceptin/orphanin FQ

ORL1 receptor; Opioid (Ozaki, S. (387) R17)

Nociception

Interleukin 1 β ; Interleukin 8; TNF- α ; Macrophage; Mast cell; (Tumour necrosis factor- α) (Ribeiro, R.A. (387) 111)

Noradrenaline

Nasal mucosa vasculature; NS-49; α_1 -Adrenoceptor subtype; Vasoconstrictor response (Tanimitsu, N. (387) 73)

Locus coeruleus; Cortex, prefrontal; Stress; NMDA receptor; GABA receptor; CRF receptor; Microdialysis (Kawahara, H. (387) 279)

Noradrenergic system

α_2 -Adrenoceptor; Atipamezole; Ageing; Memory; Cholinergic system (Haapalinna, A. (387) 141)

***N*-propyl analog**

Apomorphine; Dopamine; Microdialysis; Bioavailability; Striatum (Rodenhuis, N. (387) 39)

NS-105

Glutamate receptor, metabotropic; Adenylyl cyclase; Antisense oligodeoxynucleotide, knockdown; Primary neuronal culture (Hirouchi, M. (387) 9)

NS-49

Nasal mucosa vasculature; Noradrenaline; α_1 -Adrenoceptor subtype; Vasoconstrictor response (Tanimitsu, N. (387) 73)

Nucleus accumbens, Core

Nicotine sensitization; Nucleus accumbens, Shell (Cadoni, C. (387) R23)

Nucleus accumbens, Shell

Nicotine sensitization; Nucleus accumbens, Core (Cadoni, C. (387) R23)

Nucleus basalis, rat

Cholinergic system; Cholinesterase inhibitor; Cerebral metabolism; Alzheimer's disease (Bassant, M.-H. (387) 151)

Oocyte

ATP receptor; Antagonist; Voltage clamp; Whole cell; NF279 (8,8'-(carbonylbis(imino-4,1-phenylenecarbonylimino-4,1-phenylenecarbonylimino))bis(1,3,5-naphthalenetrisulfonic acid)) (Klapperstück, M. (387) 245)

Operant behavior

THC (tetrahydrocannabinol); Dependence; Withdrawal; Behavioral dependence; SR141716A; (Rat) (Beardsley, P.M. (387) 47)

Opioid

Nociceptin/orphanin FQ; ORL1 receptor (Ozaki, S. (387) R17)

δ-Opioid receptor

Down-regulation; Carboxyl terminal tail (Okura, T. (387) R11)

μ-Opioid receptor

Inflammation; Knockout mice (Qiu, C. (387) 163)

κ-Opioid receptor agonist

Antinociceptive action; TRK-820; κ-Opioid receptor subtype (Endoh, T. (387) 133)

κ-Opioid receptor subtype

κ-Opioid receptor agonist; Antinociceptive action; TRK-820 (Endoh, T. (387) 133)

ORL1 receptor

Nociceptin/orphanin FQ; Opioid (Ozaki, S. (387) R17)

Ototoxicity

Aminoglycoside; NMDA receptor; Dizocilpine (Harvey, S.C. (387) 1)

Oxidative stress

Ischemia–reperfusion; Cyclopiazonic acid; Free radical; Reactive oxygen species (Grover, A.K. (387) 87)

Phloacetophenone

Acetophenone analogue; Choleretic; Cholesterol; Lithogenic index; (*Curcuma comosa*) (Piyachaturawat, P. (387) 221)

Phosphoinositide breakdown

HCL-31D, platelet aggregation; cAMP; Thromboxane B₂ (Chou, T.-C. (387) 125)

Physical dependence

Dihydroetorphine; Morphine; Stereotypy; Continuous infusion; (Rat) (Aceto, M.D. (387) 31)

Platelet

Valproate; Arachidonic acid cascade; Brain microvessel, rat (Szupera, Z. (387) 205)

PPADS (pyridoxal-5'-phosphate-6-phenylazo-2',4'-disulfonate)

P2 receptor antagonist; PPNDS (pyridoxal-5'-phosphate-6-(2'-naphthylazo-6'-nitro-4',8'-disulfonate)) (Lambrecht, G. (387) R19)

PPNDS (pyridoxal-5'-phosphate-6-(2'-naphthylazo-6'-nitro-4',8'-disulfonate))

P2 receptor antagonist; PPADS (pyridoxal-5'-phosphate-6-phenylazo-2',4'-disulfonate) (Lambrecht, G. (387) R19)

P2 receptor antagonist

PPNDS (pyridoxal-5'-phosphate-6-(2'-naphthylazo-6'-nitro-4',8'-disulfonate)); PPADS (pyridoxal-5'-phosphate-6-phenylazo-2',4'-disulfonate) (Lambrecht, G. (387) R19)

Prejunctional neuromodulation

Adenosine; ATP; Mesentery, hamster; Purine receptor; Sympathetic neurotransmission (Ralevic, V. (387) 287)

Primary neuronal culture

NS-105; Glutamate receptor, metabotropic; Adenylyl cyclase; Antisense oligodeoxynucleotide, knockdown (Hirouchi, M. (387) 9)

Propofol

Arterial baroreceptor; Autonomic nervous system (Xu, H. (387) 79)

Protection, delayed

Myocardial infarction; Adenosine receptor agonist; (Minipig) (Meng, H. (387) 101)

Purine receptor

Adenosine; ATP; Mesentery, hamster; Prejunctional neuromodulation; Sympathetic neurotransmission (Ralevic, V. (387) 287)

Purinergic

Vas deferens; Ectonucleotidase; ATP (Tennant, J.P. (387) 107)

Reactive oxygen species

Ischemia–reperfusion; Cyclopiazonic acid; Oxidative stress; Free radical (Grover, A.K. (387) 87)

Reserpine

Bafilomycin A₁; α-Fluoromethylhistidine; Histidine decarboxylase; Vacuolar-type ATPase; Vesicular monoamine transporter (Lindström, E. (387) 19)

Reverse phase HPLC

Clonidine-displacing substance; NG108-15 cell; Imidazoline binding site (Parker, C.A. (387) 27)

Saphenous vein

Thromboxane A₂; TP receptor; Forskolin; cAMP; Mammary artery, internal (Cracowski, J.-L. (387) 295)

Schizophrenia

Dopamine; Dopamine D₂ receptor, extrastriatal; [¹²³I]Epidepride; SPECT (Single photon emission computed tomography); α-Methyl-*para*-tyrosine; Binding, in vivo (Fujita, M. (387) 179)

Seizure

Lethality; Sensitization (Gasior, M. (387) R15)

Self-administration

Cocaine; Corticosterone; Neuroendocrine; Hypothalamo pituitary–adrenal axis; Stress (Galici, R. (387) 59)

Sensitization

Seizure; Lethality (Gasior, M. (387) R15)

SPECT (Single photon emission computed tomography)

Dopamine; Dopamine D₂ receptor, extrastriatal; [¹²³I]Epidepride; α-Methyl-*para*-tyrosine; Schizophrenia; Binding, in vivo (Fujita, M. (387) 179)

SR 141716

Δ^9 -Tetrahydrocannabinol; SR 144528; Natural killer cell cytolytic activity; Interferon γ (Massi, P. (387) 343)

SR 144528

Δ^9 -Tetrahydrocannabinol; SR 141716; Natural killer cell cytolytic activity; Interferon γ (Massi, P. (387) 343)

SR141716A

THC (tetrahydrocannabinol); Dependence; Withdrawal; Operant behavior; Behavioral dependence; (Rat) (Beardsley, P.M. (387) 47)

SR 27897B

L-365,260; Cholecystokinin; Dopamine; CCK_A receptor; CCK_B receptor (Tieppo, C.A. (387) 189)

Stereotypy

Dihydroetorphine; Morphine; Physical dependence; Continuous infusion; (Rat) (Aceto, M.D. (387) 31)

Stress

Cocaine; Corticosterone; Neuroendocrine; Hypothalamo pituitary–adrenal axis; Self-administration (Galici, R. (387) 59)

Nicotine; Dopamine; Striatum; Hippocampus; (Rat) (Pawlak, R. (387) 171)

Locus coeruleus; Noradrenaline; Cortex, prefrontal; NMDA receptor; GABA receptor; CRF receptor; Microdialysis (Kawahara, H. (387) 279)

Neuropeptide-Y; Depression (Stogner, K.A. (387) R9)

Striatum

Apomorphine; Dopamine; *N*-propyl analog; Microdialysis; Bioavailability (Rodenhuis, N. (387) 39)

Stress; Nicotine; Dopamine; Hippocampus; (Rat) (Pawlak, R. (387) 171)

Sympathetic neurotransmission

Adenosine; ATP; Mesentery, hamster; Prejunctional neuromodulation; Purine receptor (Ralevic, V. (387) 287)

 Δ^9 -Tetrahydrocannabinol

SR 141716; SR 144528; Natural killer cell cytolytic activity; Interferon γ (Massi, P. (387) 343)

Thapsigargin

Antisense oligodeoxynucleotide; Na⁺/Ca²⁺ exchange; Ca²⁺ pump; Ca²⁺ concentration, Intracellular (Nakao, M. (387) 273)

THC (tetrahydrocannabinol)

Dependence; Withdrawal; Operant behavior; Behavioral dependence; SR141716A; (Rat) (Beardsley, P.M. (387) 47)

Thromboxane A₂

TP receptor; Forskolin; cAMP; Mammary artery, internal; Saphenous vein (Cracowski, J.-L. (387) 295)

Thromboxane B₂

HCL-31D, platelet aggregation; cAMP; Phosphoinositide breakdown (Chou, T.-C. (387) 125)

TNF- α

Nociception; Interleukin 1 β ; Interleukin 8; Macrophage; Mast cell; (Tumour necrosis factor- α) (Ribeiro, R.A. (387) 111)

Tone

Circumferential stretch; Axial stretch; Impedance planimetry; Coronary artery, large; Ca²⁺-channel, voltage-gated; (Pig) (Tankó, L.B. (387) 303)

TP receptor

Thromboxane A₂; Forskolin; cAMP; Mammary artery, internal; Saphenous vein (Cracowski, J.-L. (387) 295)

TRK-820

κ -Opioid receptor agonist; Antinociceptive action; κ -Opioid receptor subtype (Endoh, T. (387) 133)

Tyrosine kinase

Damnananthal; Dermal fibroblast; Ca²⁺, intracellular (Aoki, K. (387) 119)

Ca²⁺ entry, capacitative; Ca²⁺ store, internal; Fura-2; Cation channel, non-selective (Ohta, T. (387) 211)

Urethra relaxation

Nitric oxide (NO); Carbon monoxide (CO); Hydrogen peroxide; Corpus cavernosa (Naseem, K.M. (387) 329)

Urinary bladder

Endothelin receptor; Diabetes (Saito, M. (387) 253)

Vacuolar-type ATPase

Bafilomycin A₁; α -Fluoromethylhistidine; Histidine decarboxylase; Reserpine; Vesicular monoamine transporter (Lindström, E. (387) 19)

Valproate

Arachidonic acid cascade; Platelet; Brain microvessel, rat (Szupera, Z. (387) 205)

Vas deferens

Ectonucleotidase; ATP; Purinergic (Tennant, J.P. (387) 107)

Vasoconstrictor response

Nasal mucosa vasculature; Noradrenaline; NS-49; α_1 -Adrenoceptor subtype (Tanimitsu, N. (387) 73)

Vesicular monoamine transporter

Bafilomycin A₁; α -Fluoromethylhistidine; Histidine decarboxylase; Reserpine; Vacuolar-type ATPase (Lindström, E. (387) 19)

Voltage clamp

ATP receptor; Oocyte; Antagonist; Whole cell; NF279 (8,8'-(carbonylbis(imino-4,1-phenylenecarbonylimino-4,1-phenylenecarbonylimino))bis-(1,3,5-naphthalenetrisulfonic acid)) (Klapperstück, M. (387) 245)

Whole cell

ATP receptor; Oocyte; Antagonist; Voltage clamp; NF279 (8,8'-(carbonylbis(imino-4,1-phenylenecarbonylimino-4,1-phenylenecarbonylimino))bis-(1,3,5-naphthalenetrisulfonic acid)) (Klapperstück, M. (387) 245)

Withdrawal

THC (tetrahydrocannabinol); Dependence; Operant behavior; Behavioral dependence; SR141716A; (Rat) (Beardsley, P.M. (387) 47)