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Acetylcholine

Methamphetamine; Dopaminergic system; Striatum; Microdialysis, in vivo; Microdialysis, in vitro (Taguchi, K. (360) 131)

ACTH-(1–24) (adrenocorticotrophic hormone-(1–24))

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Adrenomedullin

Ulcer; Reserpine; Adrenalectomy; CGRP-(8-37) (calcitonin gene-related peptide-(8-37) fragment) (Clementi, G. (360) 51)

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Prostaglandin; Interleukin-6; Non-steroidal anti-inflammatory drug (Landolfi, C. (360) 55)

Aminopeptidase

Imipramine; Enzyme inhibition (Gallego, M. (360) 113)

AMPA receptor

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Aorta, rat

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DNA fragmentation; Nonsteroidal anti-inflammatory drug; Cyclooxygenase; Prostaglandin; Caspase (Kusuhara, H. (360) 273)

Baculovirus

AMPA receptor; Sf9; Binding pharmacology (Nielsen, B.S. (360) 227)

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DTBHA (2,6-di-*t*-butyl-4-methoxyphenol); Cyclopiazonic acid; Sarcoplasmic reticulum Ca^{2+} -ATPase; cAMP (Fusi, F. (360) 43)

BIBP3226

Congestive heart failure; Mesenteric artery; Neuropeptide Y Y_1 receptor; Potentiation; (Rat) (Bergdahl, A. (360) 165)

Binding pharmacology

AMPA receptor; Baculovirus; Sf9 (Nielsen, B.S. (360) 227)

Bisindolylmaleimide

Muscarinic receptor; Protein kinase C inhibitor (Lazareno, S. (360) 281)

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Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24)); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Heart rate; Cerebrocortical blood flow; Circulatory shock; Melanocortin receptor; Melanocortin receptor subtype; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Nitric oxide (NO); Angiotensin II; Nitric oxide (NO) synthase; Fluid balance; Water deprivation (Calapai, G. (360) 147)

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Brain slices

Nicotine; Dorsal raphe nucleus; Serotonin; Mecamylamine (Mihailescu, S. (360) 31)

Bronchoconstriction

Respiratory irritant; Tachykinin; Cholinergic reflex; Neutral endopeptidase (Hsu, T.H. (360) 175)

Bupivacaine

Myelinated axon; Na^+ channel; K^+ channel; Voltage clamp; Local anaesthetic (Nilsson, J. (360) 21)

Ca^{2+} channel

Diltiazem; Ca^{2+} channel antagonist; Vascular smooth muscle cell; pH; (Human) (Smirnov, S.V. (360) 81)

Ca^{2+} channel antagonist

Diltiazem; Ca^{2+} channel; Vascular smooth muscle cell; pH; (Human) (Smirnov, S.V. (360) 81)

Ca^{2+} channel blocker

Ca^{2+} , intracellular; Ryanodine; Cyanide; Hyperkalemia; Cardiomyocyte (Tang, T. (360) 205)

Ca^{2+} concentration, cytosolic

Parotid acinar cell; Ca^{2+} imaging; β -Adrenoceptor; Isoproterenol; cAMP (Tojyo, Y. (360) 73)

Ca²⁺ imaging

Parotid acinar cell; Ca²⁺ concentration, cytosolic; β -Adrenoceptor; Isoproterenol; cAMP (Tojyo, Y. (360) 73)

Ca²⁺, intracellular

Ca²⁺ channel blocker; Ryanodine; Cyanide; Hyperkalemia; Cardiomyocyte (Tang, T. (360) 205)

Calponin

Phosphorylation; Smooth muscle; Contraction; HA1077; HA1100 (Nagumo, H. (360) 257)

cAMP

BHA (2-*t*-butyl-4-methoxyphenol); DTBHA (2,6-di-*t*-butyl-4-methoxyphenol); Cyclopiazonic acid; Sarcoplasmic reticulum Ca²⁺-ATPase (Fusi, F. (360) 43)

Parotid acinar cell; Ca²⁺ concentration, cytosolic; Ca²⁺ imaging; β -Adrenoceptor; Isoproterenol (Tojyo, Y. (360) 73)

Carbachol

Nonvascular smooth muscle, nonvascular; Tyrosine phosphorylation; Prostaglandin F_{2 α} (Yousufzai, S.Y.K. (360) 185)

Cardiomyocyte

Ca²⁺ channel blocker; Ca²⁺, intracellular; Ryanodine; Cyanide; Hyperkalemia (Tang, T. (360) 205)

Caspase

Apoptosis; DNA fragmentation; Nonsteroidal anti-inflammatory drug; Cyclooxygenase; Prostaglandin (Kusuhara, H. (360) 273)

Cerebrocortical blood flow

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Heart rate; Circulatory shock; Melancortin receptor; Melanocortin receptor subtype; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

cGMP

LY83583; Nitric oxide (NO) synthase; Superoxide; Quinone (Kumagai, Y. (360) 213)

CGRP-(8-37) (calcitonin gene-related peptide-(8-37) fragment)

Adrenomedullin; Ulcer; Reserpine; Adrenalectomy (Clementi, G. (360) 51)

Chemotaxis

Neutrophil; Macrophage inflammatory protein-2; Cytokine-induced neutrophil chemoattractant-1; PAF (platelet-activating factor); Tyrosine kinase; Protein kinase C; MAP kinase; PI 3-kinase (Xiao, Y.-Q. (360) 195)

Cholinergic reflex

Respiratory irritant; Bronchoconstriction; Tachykinin; Neutral endopeptidase (Hsu, T.H. (360) 175)

Circulatory shock

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Heart rate; Cerebrocortical blood flow; Melancortin receptor; Melanocortin receptor subtype; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Cl[−] current

UTP; Aorta, rat; Membrane potential oscillation (Muraki, K. (360) 239)

Colorectal cancer

Sulindac sulfide; Apoptosis (Picariello, L. (360) 105)

Congestive heart failure

Mesenteric artery; Neuropeptide Y Y₁ receptor; Potentiation; BIBP3226; (Rat) (Bergdahl, A. (360) 165)

Contraction

Calponin; Phosphorylation; Smooth muscle; HA1077; HA1100 (Nagumo, H. (360) 257)

Curcumin

Antioxidant activity; Hydrogen peroxide; Alkylated curcumin (Oyama, Y. (360) 65)

Cyanide

Ca²⁺ channel blocker; Ca²⁺, intracellular; Ryanodine; Hyperkalemia; Cardiomyocyte (Tang, T. (360) 205)

Cyclooxygenase

Apoptosis; DNA fragmentation; Nonsteroidal anti-inflammatory drug; Prostaglandin; Caspase (Kusuhara, H. (360) 273)

Cyclopiazonic acid

BHA (2-*t*-butyl-4-methoxyphenol); DTBHA (2,6-di-*t*-butyl-4-methoxyphenol); Sarcoplasmic reticulum Ca²⁺-ATPase; cAMP (Fusi, F. (360) 43)

Cytisine

Iron-chelator; Hydroxyl radical; Parkinson's disease; S-PBN; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Ferber, B. (360) 155)

Cytokine-induced neutrophil chemoattractant-1

Chemotaxis; Neutrophil; Macrophage inflammatory protein-2; PAF (platelet-activating factor); Tyrosine kinase; Protein kinase C; MAP kinase; PI 3-kinase (Xiao, Y.-Q. (360) 195)

Dehydroepiandrosterone sulfate

[³H]TBOB (*t*-[³H]butylbicycloorthobenzoate) binding; GABA_A receptor, recombinant; GABA (γ -aminobutyric acid); Thiopental; Picrotoxin (Peričić, D. (360) 99)

Diabetic retinopathy

Platelet; PAF (platelet-activating factor); Thromboxane lipid peroxidation (De la Cruz, J.P. (360) 37)

Diltiazem

Ca²⁺ channel; Ca²⁺ channel antagonist; Vascular smooth muscle cell; pH; (Human) (Smirnov, S.V. (360) 81)

DNA fragmentation

Apoptosis; Nonsteroidal anti-inflammatory drug; Cyclooxygenase; Prostaglandin; Caspase (Kusuhara, H. (360) 273)

Dopaminergic system

Acetylcholine; Methamphetamine; Striatum; Microdialysis, in vivo; Microdialysis, in vitro (Taguchi, K. (360) 131)

Dorsal raphe nucleus

Nicotine; Serotonin; Mecamylamine; Brain slices (Mihailescu, S. (360) 31)

DTBHA (2,6-di-*t*-butyl-4-methoxyphenol)

BHA (2-*t*-butyl-4-methoxyphenol); Cyclopiazonic acid; Sarcoplasmic reticulum Ca²⁺-ATPase; cAMP (Fusi, F. (360) 43)

Enterochromaffin-like cell

Histamine; Mast cell; Mast cell-deficient rat; Gastrectomy; Water immersion stress (Huang, Z.-L. (360) 139)

Enzyme inhibition

Imipramine; Amino peptidase (Gallego, M. (360) 113)

Excitatory amino acid transporter

L-glutamate; NT2-N cell (Dunlop, J. (360) 249)

Feeding

Hexarelin; GHRP (growth hormone-releasing peptide); GH (growth hormone)-secretagogue; GH (growth hormone) secretion (Torsello, A. (360) 123)

Fluid balance

Nitric oxide (NO); Angiotensin II; Nitric oxide (NO) synthase; Blood pressure; Water deprivation (Calapai, G. (360) 147)

FMRFamide receptor

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24)); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Heart rate; Cerebrocortical blood flow; Circulatory shock; Melancortin receptor; Melanocortin receptor subtype; (Rat) (Versteeg, D.H.G. (360) 1)

Food intake

Leptin; Melanocortin MC₄ receptor; HS014; Hyperphagia; Body weight (Kask, A. (360) 15)

GABA (γ -aminobutyric acid)

[³H]TBOB (τ -[³H]butylbicycloorthobenzoate) binding; GABA_A receptor, recombinant; Thiopental; Picrotoxin; Dehydroepiandrosterone sulfate (Peričić, D. (360) 99)

GABA_A receptor, recombinant

[³H]TBOB (τ -[³H]butylbicycloorthobenzoate) binding; GABA (γ -aminobutyric acid); Thiopental; Picrotoxin; Dehydroepiandrosterone sulfate (Peričić, D. (360) 99)

Gastrectomy

Histamine; Enterochromaffin-like cell; Mast cell; Mast cell-deficient rat; Water immersion stress (Huang, Z.-L. (360) 139)

GH (growth hormone)-secretagogue

Hexarelin; GHRP (growth hormone-releasing peptide); Feeding; GH (growth hormone) secretion (Torsello, A. (360) 123)

GH (growth hormone) secretion

Hexarelin; GHRP (growth hormone-releasing peptide); GH (growth hormone)-secretagogue; Feeding (Torsello, A. (360) 123)

GHRP (growth hormone-releasing peptide)

Hexarelin; GH (growth hormone)-secretagogue; Feeding; GH (growth hormone) secretion (Torsello, A. (360) 123)

G-protein

Neurotensin; Receptor; Levocabastine (Vita, N. (360) 265)

HA1077

Calponin; Phosphorylation; Smooth muscle; Contraction; HA1100 (Nagumo, H. (360) 257)

HA1100

Calponin; Phosphorylation; Smooth muscle; Contraction; HA1077 (Nagumo, H. (360) 257)

Heart rate

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24)); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Cerebrocortical blood flow; Circu-

latory shock; Melancortin receptor; Melanocortin receptor subtype; FMR-Famide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Hepatocyte

Na⁺/Ca²⁺-exchange; Protein kinase C (Ikari, A. (360) 91)

Hexarelin

GHRP (growth hormone-releasing peptide); GH (growth hormone)-secretagogue; Feeding; GH (growth hormone) secretion (Torsello, A. (360) 123)

Histamine

Enterochromaffin-like cell; Mast cell; Mast cell-deficient rat; Gastrectomy; Water immersion stress (Huang, Z.-L. (360) 139)

[³H]NAD-299

5-HT_{1A} receptor; 5-HT_{1A} receptor antagonist radioligand; Robalzotan, [³H]8-OH-DPAT (8-hydroxy-2-[2,3-³H]di-*n*-(propylamino)tetralin); Receptor binding, in vitro (Jerning, E. (360) 219)

HS014

Leptin; Melanocortin MC₄ receptor; Food intake; Hyperphagia; Body weight (Kask, A. (360) 15)

[³H]TBOB (τ -[³H]butylbicycloorthobenzoate) binding

GABA_A receptor, recombinant; GABA (γ -aminobutyric acid); Thiopental; Picrotoxin; Dehydroepiandrosterone sulfate (Peričić, D. (360) 99)

5-HT_{1A} receptor

5-HT_{1A} receptor antagonist radioligand; [³H]NAD-299; Robalzotan, [³H]8-OH-DPAT (8-hydroxy-2-[2,3-³H]di-*n*-(propylamino)tetralin); Receptor binding, in vitro (Jerning, E. (360) 219)

5-HT_{1A} receptor antagonist radioligand

5-HT_{1A} receptor; [³H]NAD-299; Robalzotan, [³H]8-OH-DPAT (8-hydroxy-2-[2,3-³H]di-*n*-(propylamino)tetralin); Receptor binding, in vitro (Jerning, E. (360) 219)

5-HT_{1B} receptor, cloned

(Dog); (Human); (Rat) (Beer, M.S. (360) 117)

Hydrogen peroxide

Curcumin; Antioxidant activity; Alkylated curcumin (Oyama, Y. (360) 65)

Hydroxyl radical

Cytisine; Iron-chelator; Parkinson's disease; S-PBN; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Ferber, B. (360) 155)

Hyperkalemia

Ca²⁺ channel blocker; Ca²⁺, intracellular; Ryanodine; Cyanide; Cardiomyocyte (Tang, T. (360) 205)

Hyperphagia

Leptin; Melanocortin MC₄ receptor; HS014; Food intake; Body weight (Kask, A. (360) 15)

Imipramine

Amino peptidase; Enzyme inhibition (Gallego, M. (360) 113)

Interleukin-6

Prostaglandin; Non-steroidal anti-inflammatory drug; Alzheimer's disease (Landolfi, C. (360) 55)

Iron-chelator

Cytisine; Hydroxyl radical; Parkinson's disease; S-PBN; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Ferber, B. (360) 155)

Isoproterenol

Parotid acinar cell; Ca^{2+} concentration, cytosolic; Ca^{2+} imaging; β -Adrenoceptor; cAMP (Tojyo, Y. (360) 73)

K⁺ channel

Bupivacaine; Myelinated axon; Na^+ channel; Voltage clamp; Local anaesthetic (Nilsson, J. (360) 21)

Leptin

Melanocortin MC_4 receptor; HS014; Food intake; Hyperphagia; Body weight (Kask, A. (360) 15)

Levocabastine

Neurotensin; G-protein; Receptor (Vita, N. (360) 265)

L-glutamate

Excitatory amino acid transporter; NT2-N cell (Dunlop, J. (360) 249)

Local anaesthetic

Bupivacaine; Myelinated axon; Na^+ channel; K^+ channel; Voltage clamp (Nilsson, J. (360) 21)

LY83583

Nitric oxide (NO) synthase; Superoxide; Quinone; cGMP (Kumagai, Y. (360) 213)

Macrophage inflammatory protein-2

Chemotaxis; Neutrophil; Cytokine-induced neutrophil chemoattractant-1; PAF (platelet-activating factor); Tyrosine kinase; Protein kinase C; MAP kinase; PI 3-kinase (Xiao, Y.-Q. (360) 195)

MAP kinase

Chemotaxis; Neutrophil; Macrophage inflammatory protein-2; Cytokine-induced neutrophil chemoattractant-1; PAF (platelet-activating factor); Tyrosine kinase; Protein kinase C; PI 3-kinase (Xiao, Y.-Q. (360) 195)

Mast cell

Histamine; Enterochromaffin-like cell; Mast cell-deficient rat; Gastrectomy; Water immersion stress (Huang, Z.-L. (360) 139)

Mast cell-deficient rat

Histamine; Enterochromaffin-like cell; Mast cell; Gastrectomy; Water immersion stress (Huang, Z.-L. (360) 139)

Mecamylamine

Nicotine; Dorsal raphe nucleus; Serotonin; Brain slices (Mihailescu, S. (360) 31)

Melanocortin receptor

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Heart rate; Cerebrocortical blood flow; Circulatory shock; Melanocortin receptor subtype; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Melanocortin

α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Heart rate; Cerebrocortical blood flow; Circulatory shock; Melancortin receptor; Melanocortin receptor subtype; FMR-Famide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Melanocortin MC_4 receptor

Leptin; HS014; Food intake; Hyperphagia; Body weight (Kask, A. (360) 15)

Melanocortin receptor subtype

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); γ_2 -MSH (γ_2 -melanocyte-

stimulating hormone); Blood pressure; Heart rate; Cerebrocortical blood flow; Circulatory shock; Melancortin receptor; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Membrane potential oscillation

UTP; Cl^- current; Aorta, rat (Muraki, K. (360) 239)

Mesenteric artery

Congestive heart failure; Neuropeptide Y Y_1 receptor; Potentiation; BIBP3226; (Rat) (Bergdahl, A. (360) 165)

Methamphetamine

Acetylcholine; Dopaminergic system; Striatum; Microdialysis, in vivo; Microdialysis, in vitro (Taguchi, K. (360) 131)

Microdialysis, in vitro

Acetylcholine; Methamphetamine; Dopaminergic system; Striatum; Microdialysis, in vivo (Taguchi, K. (360) 131)

Microdialysis, in vivo

Acetylcholine; Methamphetamine; Dopaminergic system; Striatum; Microdialysis, in vitro (Taguchi, K. (360) 131)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine)

Cytisine; Iron-chelator; Hydroxyl radical; Parkinson's disease; S-PBN (Ferber, B. (360) 155)

 α -MSH (α -melanocyte-stimulating hormone)

Melanocortin; ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Blood pressure; Heart rate; Cerebrocortical blood flow; Circulatory shock; Melancortin receptor; Melanocortin receptor subtype; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

 γ_2 -MSH (γ_2 -melanocyte-stimulating hormone)

Melanocortin; α -MSH (α -melanocyte-stimulating hormone); ACTH-(1–24) (adrenocorticotrophic hormone-(1–24); Blood pressure; Heart rate; Cerebrocortical blood flow; Circulatory shock; Melancortin receptor; Melanocortin receptor subtype; FMRFamide receptor; (Rat) (Versteeg, D.H.G. (360) 1)

Muscarinic receptor

Protein kinase C inhibitor; Bisindolylmaleimide (Lazareno, S. (360) 281)

Myelinated axon

Bupivacaine; Na^+ channel; K^+ channel; Voltage clamp; Local anaesthetic (Nilsson, J. (360) 21)

 $\text{Na}^+/\text{Ca}^{2+}$ -exchange

Hepatocyte; Protein kinase C (Ikari, A. (360) 91)

 Na^+ channel

Bupivacaine; Myelinated axon; K^+ channel; Voltage clamp; Local anaesthetic (Nilsson, J. (360) 21)

Neuropeptide Y Y_1 receptor

Congestive heart failure; Mesenteric artery; Potentiation; BIBP3226; (Rat) (Bergdahl, A. (360) 165)

Neurotensin

G-protein; Receptor; Levocabastine (Vita, N. (360) 265)

Neutral endopeptidase

Respiratory irritant; Bronchoconstriction; Tachykinin; Cholinergic reflex (Hsu, T.H. (360) 175)

Neutrophil

Chemotaxis; Macrophage inflammatory protein-2; Cytokine-induced neutrophil chemoattractant-1; PAF (platelet-activating factor); Tyrosine kinase; Protein kinase C; MAP kinase; PI 3-kinase (Xiao, Y.-Q. (360) 195)

Nicotine

Dorsal raphe nucleus; Serotonin; Mecamylamine; Brain slices (Mihailescu, S. (360) 31)

Nitric oxide (NO)

Angiotensin II; Nitric oxide (NO) synthase; Blood pressure; Fluid balance; Water deprivation (Calapai, G. (360) 147)

Nitric oxide (NO) synthase

Nitric oxide (NO); Angiotensin II; Blood pressure; Fluid balance; Water deprivation (Calapai, G. (360) 147)

LY83583; Superoxide; Quinone; cGMP (Kumagai, Y. (360) 213)

Non-steroidal anti-inflammatory drug

Prostaglandin; Interleukin-6; Alzheimer's disease (Landolfi, C. (360) 55)

Apoptosis; DNA fragmentation; Cyclooxygenase; Prostaglandin; Caspase (Kusuhara, H. (360) 273)

Nonvascular smooth muscle, nonvascular

Tyrosine phosphorylation; Prostaglandin $F_{2\alpha}$; Carbachol (Yousufzai, S.Y.K. (360) 185)

NT2-N cell

Excitatory amino acid transporter; L-glutamate (Dunlop, J. (360) 249)

PAF (platelet-activating factor)

Diabetic retinopathy; Platelet; Thromboxane lipid peroxidation (De la Cruz, J.P. (360) 37)

Chemotaxis; Neutrophil; Macrophage inflammatory protein-2; Cytokine-induced neutrophil chemoattractant-1; Tyrosine kinase; Protein kinase C; MAP kinase; PI 3-kinase (Xiao, Y.-Q. (360) 195)

Parkinson's disease

Cytisine; Iron-chelator; Hydroxyl radical; S-PBN; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Ferber, B. (360) 155)

Parotid acinar cell

Ca^{2+} concentration, cytosolic; Ca^{2+} imaging; β -Adrenoceptor; Isoproterenol; cAMP (Tojyo, Y. (360) 73)

S-PBN

Cytisine; Iron-chelator; Hydroxyl radical; Parkinson's disease; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Ferber, B. (360) 155)

pH

Diltiazem; Ca^{2+} channel; Ca^{2+} channel antagonist; Vascular smooth muscle cell; (Human) (Smirnov, S.V. (360) 81)

Phosphorylation

Calponin; Smooth muscle; Contraction; HA1077; HA1100 (Nagumo, H. (360) 257)

Picrotoxin

[3H]TBOB (t -[3H]butylbicycloorthobenzoate) binding; GABA_A receptor, recombinant; GABA (γ -aminobutyric acid); Thiopental; Dehydroepiandrosterone sulfate (Peričić, D. (360) 99)

PI 3-kinase

Chemotaxis; Neutrophil; Macrophage inflammatory protein-2; Cytokine-induced neutrophil chemoattractant-1; PAF (platelet-activating factor); Tyrosine kinase; Protein kinase C; MAP kinase (Xiao, Y.-Q. (360) 195)

Platelet

Diabetic retinopathy; PAF (platelet-activating factor); Thromboxane lipid peroxidation (De la Cruz, J.P. (360) 37)

Potentiation

Congestive heart failure; Mesenteric artery; Neuropeptide Y Y_1 receptor; BIBP3226; (Rat) (Bergdahl, A. (360) 165)

Prostaglandin

Interleukin-6; Non-steroidal anti-inflammatory drug; Alzheimer's disease (Landolfi, C. (360) 55)

Apoptosis; DNA fragmentation; Nonsteroidal anti-inflammatory drug; Cyclooxygenase; Caspase (Kusuhara, H. (360) 273)

Prostaglandin $F_{2\alpha}$

Nonvascular smooth muscle, nonvascular; Tyrosine phosphorylation; Carbachol (Yousufzai, S.Y.K. (360) 185)

Protein kinase C

Na^+ / Ca^{2+} -exchange; Hepatocyte (Ikari, A. (360) 91)

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Protein kinase C inhibitor

Muscarinic receptor; Bisindolylmaleimide (Lazareno, S. (360) 281)

Quinone

LY83583; Nitric oxide (NO) synthase; Superoxide; cGMP (Kumagai, Y. (360) 213)

Receptor

Neurotensin; G-protein; Levocabastine (Vita, N. (360) 265)

Receptor binding, in vitro

5-HT_{1A} receptor; 5-HT_{1A} receptor antagonist radioligand; [3H]NAD-299; Robalzotan, [3H]8-OH-DPAT (8-hydroxy-2-[2,3- 3H]di- n -(propylamino)tetralin) (Jerning, E. (360) 219)

Reserpine

Adrenomedullin; Ulcer; Adrenalectomy; CGRP-(8-37) (calcitonin gene-related peptide-(8-37) fragment) (Clementi, G. (360) 51)

Respiratory irritant

Bronchoconstriction; Tachykinin; Cholinergic reflex; Neutral endopeptidase (Hsu, T.H. (360) 175)

Robalzotan, [3H]8-OH-DPAT (8-hydroxy-2-[2,3- 3H]di- n -(propylamino)tetralin)

5-HT_{1A} receptor; 5-HT_{1A} receptor antagonist radioligand; [3H]NAD-299; Receptor binding, in vitro (Jerning, E. (360) 219)

Ryanodine

Ca^{2+} channel blocker; Ca^{2+} , intracellular; Cyanide; Hyperkalemia; Cardiomyocyte (Tang, T. (360) 205)

Sarcoplasmic reticulum Ca^{2+} -ATPase

BHA (2- t -butyl-4-methoxyphenol); DTBHA (2,6-di- t -butyl-4-methoxyphenol); Cyclopiazonic acid; cAMP (Fusi, F. (360) 43)

Serotonin

Nicotine; Dorsal raphe nucleus; Mecamylamine; Brain slices (Mihailescu, S. (360) 31)

Sf9

AMPA receptor; Baculovirus; Binding pharmacology (Nielsen, B.S. (360) 227)

Smooth muscle

Calponin; Phosphorylation; Contraction; HA1077; HA1100 (Nagumo, H. (360) 257)

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Striatum

Acetylcholine; Methamphetamine; Dopaminergic system; Microdialysis, in vivo; Microdialysis, in vitro (Taguchi, K. (360) 131)

Sulindac sulfide

Colorectal cancer; Apoptosis (Picariello, L. (360) 105)

Superoxide

LY83583; Nitric oxide (NO) synthase; Quinone; cGMP (Kumagai, Y. (360) 213)

Tachykinin

Respiratory irritant; Bronchoconstriction; Cholinergic reflex; Neutral endopeptidase (Hsu, T.H. (360) 175)

Thiopental

[³H]TBOB (*t*-[³H]butylbicycloorthobenzoate) binding; GABA_A receptor, recombinant; GABA (γ -aminobutyric acid); Picrotoxin; Dehydroepiandrosterone sulfate (Peričić, D. (360) 99)

Thromboxane lipid peroxidation

Diabetic retinopathy; Platelet; PAF (platelet-activating factor) (De la Cruz, J.P. (360) 37)

Tyrosine kinase

Chemotaxis; Neutrophil; Macrophage inflammatory protein-2; Cytokine-induced neutrophil chemoattractant-1; PAF (platelet-activating factor); Protein kinase C; MAP kinase; PI 3-kinase (Xiao, Y.-Q. (360) 195)

Tyrosine phosphorylation

Nonvascular smooth muscle, nonvascular; Prostaglandin F_{2 α} ; Carbachol (Yousufzai, S.Y.K. (360) 185)

Ulcer

Adrenomedullin; Reserpine; Adrenalectomy; CGRP-(8-37) (calcitonin gene-related peptide-(8-37) fragment) (Clementi, G. (360) 51)

UTP

Cl⁻ current; Aorta, rat; Membrane potential oscillation (Muraki, K. (360) 239)

Vascular smooth muscle cell

Diltiazem; Ca²⁺ channel; Ca²⁺ channel antagonist; pH; (Human) (Smirnov, S.V. (360) 81)

Voltage clamp

Bupivacaine; Myelinated axon; Na⁺ channel; K⁺ channel; Local anaesthetic (Nilsson, J. (360) 21)

Water deprivation

Nitric oxide (NO); Angiotensin II; Nitric oxide (NO) synthase; Blood pressure; Fluid balance (Calapai, G. (360) 147)

Water immersion stress

Histamine; Enterochromaffin-like cell; Mast cell; Mast cell-deficient rat; Gastrectomy (Huang, Z.-L. (360) 139)