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Adrenaline

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Angiotensin AT_1 receptor antagonist

Nitric oxide synthase inhibition; Myocardial infarct; Angiotensin II cardiac (Verhagen, A.M.G. (400) 239)

Angiotensin II cardiac

Nitric oxide synthase inhibition; Myocardial infarct; Angiotensin AT_1 receptor antagonist (Verhagen, A.M.G. (400) 239)

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Nitric oxide (NO); Hydrogen peroxide; Apoptosis; Neuroblastoma; PC12; NO donor (Terwel, D. (400) 19)

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S-0139; Endothelin receptor subtype; Blood vessel, rabbit; Blood vessel, canine (Iwasaki, T. (400) 255)

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Carrageenin-induced pleurisy, rat; Dexamethasone; Prostaglandin H synthase-2 (cyclooxygenase-2); Phospholipase A_2 (Kawamura, M. (400) 127)

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FR140423; Noradrenergic system; α_2 -Adrenoceptor; Spinal cord; (Mouse) (Ochi, T. (400) 199)

Anxiety

Stress; 5-HT $_{1A}$ receptor; Tachycardia; Hyperthermia; Radiotelemetry (Bouwknicht, J.A. (400) 59)

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MAP (mitogen-activated protein) kinase; Angiotensin; Endothelin; Spontaneously hypertensive rat (SHR); DOCA-salt hypertensive rat (Kubo, T. (400) 231)

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Apoptosis

Nitric oxide (NO); Hydrogen peroxide; Neuroblastoma; PC12; NO donor; Annexin V (Terwel, D. (400) 19)

BIBN4096BS

Calcitonin gene-related peptide (CGRP); CGRP (8-38); CGRP receptor subtypes; Left atrium, rat; Vas deferens, rat (Wu, D. (400) 313)

Binding site

CCK $_1$ receptor; Modelling; SR 27897; SR 146131 (Gouldson, P. (400) 185)

σ Binding site

MS-377; Radiolabeled ligand binding; Brain membrane, rat (Karasawa, J.-i. (400) 51)

Blood vessel, canine

S-0139; Endothelin receptor subtype; Antagonist activity; Blood vessel, rabbit (Iwasaki, T. (400) 255)

Blood vessel, rabbit

S-0139; Endothelin receptor subtype; Antagonist activity; Blood vessel, canine (Iwasaki, T. (400) 255)

Bone

Nitric oxide (NO); Nitric oxide (NO) synthases; Vanadium; Growth; Osteoblast differentiation; Cytotoxicity (Cortizo, A.M. (400) 279)

Brain membrane, rat

MS-377; σ Binding site; Radiolabeled ligand binding (Karasawa, J.-i. (400) 51)

Bumetanide

Loop-diuretic; Frusemide; Cardiomyocyte; Contraction (Kelso, E. (400) 43)

Ca²⁺-ATPase

Oligomycin; Na⁺,K⁺-ATPase; Na⁺ occlusion; Chimeric ATPase (Homareda, H. (400) 177)

Ca²⁺ channel, L-type voltage-dependent

CP-060S; Aorta, rat; Ca²⁺, Cytosolic (Sato, K. (400) 225)

Ca²⁺, Cytosolic

CP-060S; Aorta, rat; Ca²⁺ channel, L-type voltage-dependent (Sato, K. (400) 225)

cAMP

Positive inotropic effect; Ventricular muscle, dog; Ca²⁺ transient; Myofibrillar Ca²⁺ sensitivity; Levosimendan (Takahashi, R. (400) 103)

Ca²⁺ transient

Positive inotropic effect; Ventricular muscle, dog; Myofibrillar Ca²⁺ sensitivity; cAMP; Levosimendan (Takahashi, R. (400) 103)

Calcitonin gene-related peptide (CGRP)

BIBN4096BS; CGRP (8-38); CGRP receptor subtypes; Left atrium, rat; Vas deferens, rat (Wu, D. (400) 313)

Cardiomyocyte

Loop-diuretic; Bumetanide; Frusemide; Contraction (Kelso, E. (400) 43)

Carrageenin-induced pleurisy, rat

Anti-inflammatory steroid; Dexamethasone; Prostaglandin H synthase-2 (cyclooxygenase-2); Phospholipase A₂ (Kawamura, M. (400) 127)

CCK₁ receptor

Binding site; Modelling; SR 27897; SR 146131 (Gouldson, P. (400) 185)

Cerebellum

σ Receptor; Glutamate release; GABA (γ -aminobutyric acid) release; Synaptosome (Garrone, B. (400) 35)

Cetirizine

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine; Histamine H₁ receptor; Oxatamide; Epinastine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

cGMP

Sodium nitroprusside; K⁺ channel; Antinociception (Soares, A.C. (400) 67)

CGRP (8-38)

Calcitonin gene-related peptide (CGRP); BIBN4096BS; CGRP receptor subtypes; Left atrium, rat; Vas deferens, rat (Wu, D. (400) 313)

CGRP (calcitonin gene-related peptide)

Adrenomedullin; Inflammation; Eye; Nitric oxide (NO) (Clementi, G. (400) 321)

CGRP receptor subtypes

Calcitonin gene-related peptide (CGRP); BIBN4096BS; CGRP (8-38); Left atrium, rat; Vas deferens, rat (Wu, D. (400) 313)

Chimeric ATPase

Oligomycin; Na⁺,K⁺-ATPase; Ca²⁺-ATPase; Na⁺ occlusion (Homareda, H. (400) 177)

Chondroitinase

Dermatan; Chondroitin sulfate; Fibroblast; Proliferation (Denholm, E.M. (400) 145)

Chondroitin sulfate

Dermatan; Fibroblast; Proliferation; Chondroitinase (Denholm, E.M. (400) 145)

Cibenzoline

Disopyramide; Pilsicainide; QTc; Adrenaline; (Dog) (Miyamoto, S. (400) 263)

Cl⁻ secretion

Colon, rat; PAF (platelet-activating factor); Thromboxane A₂ (Suzuki, T. (400) 297)

Colon, rat

PAF (platelet-activating factor); Thromboxane A₂; Cl⁻ secretion (Suzuki, T. (400) 297)

Contraction

Loop-diuretic; Bumetanide; Frusemide; Cardiomyocyte (Kelso, E. (400) 43)

Coronary vasorelaxant

Thiazolidinedione; Hemodynamics; Heart; Prostaglandin (Uchida, K. (400) 113)

CP-060S

Aorta, rat; Ca²⁺ channel, L-type voltage-dependent; Ca²⁺, Cytosolic (Sato, K. (400) 225)

Cremasteric arteriole

Vasopressin; Microvascular constriction; Mesenteric arteriole; OPC-21268; OPC-31260 (Ishiguro, S. (400) 121)

Cytotoxicity

Nitric oxide (NO); Nitric oxide (NO) synthases; Vanadium; Growth; Osteoblast differentiation; Bone (Cortizo, A.M. (400) 279)

Dermatan

Chondroitin sulfate; Fibroblast; Proliferation; Chondroitinase (Denholm, E.M. (400) 145)

Detrusor smooth muscle

K⁺ channel opener; Smooth muscle relaxation; K⁺ channels, ATP-sensitive; Sulfonylurea receptor (Buckner, S.A. (400) 287)

Dexamethasone

Carrageenin-induced pleurisy, rat; Anti-inflammatory steroid; Prostaglandin H synthase-2 (cyclooxygenase-2); Phospholipase A₂ (Kawamura, M. (400) 127)

Disopyramide

Cibenzoline; Pilsicainide; QTc; Adrenaline; (Dog) (Miyamoto, S. (400) 263)

DOCA-salt hypertensive rat

MAP (mitogen-activated protein) kinase; Angiotensin; Endothelin; Aorta; Spontaneously hypertensive rat (SHR) (Kubo, T. (400) 231)

ECL cell

α -Fluoromethylhistidine; Gastrin; Histamine; Histidine decarboxylase; Microdialysis in vivo; Secretory vesicle; Stomach (Norlén, P. (400) 1)

Endothelin

MAP (mitogen-activated protein) kinase; Angiotensin; Aorta; Spontaneously hypertensive rat (SHR); DOCA-salt hypertensive rat (Kubo, T. (400) 231)

Endothelin receptor subtype

S-0139; Antagonist activity; Blood vessel, rabbit; Blood vessel, canine (Iwasaki, T. (400) 255)

Epinastine

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine; Histamine H₁ receptor; Oxatamide; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

ERK (extracellular signal-regulated kinase)

Estrogen; Non-genomic effect; Hippocampus, rat (Kuroki, Y. (400) 205)

Estrogen

Non-genomic effect; ERK (extracellular signal-regulated kinase); Hippocampus, rat (Kuroki, Y. (400) 205)

Eye

Adrenomedullin; Inflammation; CGRP (calcitonin gene-related peptide); Nitric oxide (NO) (Clementi, G. (400) 321)

Fibroblast

Dermatan; Chondroitin sulfate; Proliferation; Chondroitinase (Denholm, E.M. (400) 145)

Flow

Nitric oxide (NO); Oxidative stress; Ischemia-reperfusion; Vascular (Walia, M. (400) 249)

 α -Fluoromethylhistidine

Gastrin; Histamine; Histidine decarboxylase; Microdialysis in vivo; ECL cell; Secretory vesicle; Stomach (Norlén, P. (400) 1)

Flupirtine

Retigabine; Glutamate toxicity; PC12 cells; Reactive oxygen intermediates; Glutathione (Seyfried, J. (400) 155)

Focal cerebral ischemia

α_2 -Adrenoceptor antagonist; Recovery; Sensorimotor functions; (Rat) (Jolkkonen, J. (400) 211)

Formalin test

Nigella sativa oil; Thymoquinone; Antinociception; Opioid system (Abdel-Fattah, A.-F.M. (400) 89)

Forskolin

Anococcygeus, mouse; Nitrgic; Nitric oxide (NO); Papaverine; Sildenafil; Sodium nitroprusside (Frith, D. (400) 305)

FR140423

Antinociception; Noradrenergic system; α_2 -Adrenoceptor; Spinal cord; (Mouse) (Ochi, T. (400) 199)

Frusamide

Loop-diuretic; Bumetanide; Cardiomyocyte; Contraction (Kelso, E. (400) 43)

GABA_A/benzodiazepine receptor

Hippocampus; Olfactory bulb; Ligand affinity; Receptor heterogeneity; α subunit (Lameh, J. (400) 167)

GABA (γ -aminobutyric acid) release

σ Receptor; Glutamate release; Synaptosome; Cerebellum (Garrone, B. (400) 35)

GABA_A receptor

Urocanic acid; UV-induced immunosuppression (Uusi-Oukari, M. (400) 11)

Gastrin

α -Fluoromethylhistidine; Histamine; Histidine decarboxylase; Microdialysis in vivo; ECL cell; Secretory vesicle; Stomach (Norlén, P. (400) 1)

Glutamate receptor, metabotropic

Amphetamine; LY379268; Motor activity; Stereotypy (Cartmell, J. (400) 221)

Glutamate release

σ Receptor; GABA (γ -aminobutyric acid) release; Synaptosome; Cerebellum (Garrone, B. (400) 35)

Glutamate toxicity

Flupirtine; Retigabine; PC12 cells; Reactive oxygen intermediates; Glutathione (Seyfried, J. (400) 155)

Glutathione

Methamphetamine; Oxidative stress (Harold, C. (400) 99)

Flupirtine; Retigabine; Glutamate toxicity; PC12 cells; Reactive oxygen intermediates (Seyfried, J. (400) 155)

Morphine; Sildenafil; N^G-L-nitro-arginine methyl ester (L-NAME); ODQ (1*H*-[1,2,4]-oxadiazolo[4,3-*a*]quinoxalin-1-one); Naloxone (Mixcoatl-Zecuatl, T. (400) 81)

Growth

Nitric oxide (NO); Nitric oxide (NO) synthases; Vanadium; Osteoblast differentiation; Bone; Cytotoxicity (Cortizo, A.M. (400) 279)

Heart

Thiazolidinedione; Hemodynamics; Coronary vasorelaxant; Prostaglandin (Uchida, K. (400) 113)

Hemodynamics

Thiazolidinedione; Heart; Coronary vasorelaxant; Prostaglandin (Uchida, K. (400) 113)

Hippocampus

GABA_A/benzodiazepine receptor; Olfactory bulb; Ligand affinity; Receptor heterogeneity; α subunit (Lameh, J. (400) 167)

Hippocampus, rat

Estrogen; Non-genomic effect; ERK (extracellular signal-regulated kinase) (Kuroki, Y. (400) 205)

Histamine

α -Fluoromethylhistidine; Gastrin; Histidine decarboxylase; Microdialysis in vivo; ECL cell; Secretory vesicle; Stomach (Norlén, P. (400) 1)

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine H₁ receptor; Oxatamide; Epinastine; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

Histamine H₁ receptor

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine; Oxatamide; Epinastine; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

Histidine decarboxylase

α -Fluoromethylhistidine; Gastrin; Histamine; Microdialysis in vivo; ECL cell; Secretory vesicle; Stomach (Norlén, P. (400) 1)

5-HT_{1A} receptor

Anxiety; Stress; Tachycardia; Hyperthermia; Radiotelemetry (Bouwknicht, J.A. (400) 59)

Hydrogen peroxide

Nitric oxide (NO); Apoptosis; Neuroblastoma; PC12; NO donor; Annexin V (Terwel, D. (400) 19)

Hyperthermia

Anxiety; Stress; 5-HT_{1A} receptor; Tachycardia; Radiotelemetry (Bouwknicht, J.A. (400) 59)

Immunoglobulin E

Scratching behavior; Anaphylaxis, passive cutaneous; Substance P; Histamine; Histamine H₁ receptor; Oxatamide; Epinastine; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

Inducible

Phenylethanoid; Macrophage; Nitric oxide (NO); Nitric oxide (NO) synthase; 1-propanamine-3-hydroxy-2-nitroso-1-propylhydrazino (PAPA NONOate) (Xiong, Q. (400) 137)

Inflammation

Adrenomedullin; Eye; CGRP (calcitonin gene-related peptide); Nitric oxide (NO) (Clementi, G. (400) 321)

Intestine

Multidrug resistance protein; MRP2 (multidrug resistance protein 2) (Van Aubel, R.A.M.H. (400) 195)

Ischemia-reperfusion

Flow; Nitric oxide (NO); Oxidative stress; Vascular (Walia, M. (400) 249)

K⁺ channel

cGMP; Sodium nitroprusside; Antinociception (Soares, A.C. (400) 67)

K⁺ channel opener

Detrusor smooth muscle; Smooth muscle relaxation; K⁺ channels, ATP-sensitive; Sulfonylurea receptor (Buckner, S.A. (400) 287)

K⁺ channels, ATP-sensitive

K⁺ channel opener; Detrusor smooth muscle; Smooth muscle relaxation; Sulfonylurea receptor (Buckner, S.A. (400) 287)

Knee joint, Rabbit

Substance P; Vasodilatation; Plasma extravasation (Lam, F.F.Y. (400) 327)

Left atrium, rat

Calcitonin gene-related peptide (CGRP); BIBN4096BS; CGRP (8-38); CGRP receptor subtypes; Vas deferens, rat (Wu, D. (400) 313)

Levosimendan

Positive inotropic effect; Ventricular muscle, dog; Ca²⁺ transient; Myofibrillar Ca²⁺ sensitivity; cAMP (Takahashi, R. (400) 103)

Ligand affinity

GABA_A/benzodiazepine receptor; Hippocampus; Olfactory bulb; Receptor heterogeneity; α subunit (Lameh, J. (400) 167)

Loop-diuretic

Bumetanide; Frusemide; Cardiomyocyte; Contraction (Kelso, E. (400) 43)

LY379268

Glutamate receptor, metabotropic; Amphetamine; Motor activity; Stereotypy (Cartmell, J. (400) 221)

Macrophage

Phenylethanoid; Nitric oxide (NO); Nitric oxide (NO) synthase; Inducible; 1-propanamine-3-hydroxy-2-nitroso-1-propylhydrazino (PAPA NONOate) (Xiong, Q. (400) 137)

MAP (mitogen-activated protein) kinase

Angiotensin; Endothelin; Aorta; Spontaneously hypertensive rat (SHR); DOCA-salt hypertensive rat (Kubo, T. (400) 231)

Mesenteric arteriole

Vasopressin; Microvascular constriction; Cremasteric arteriole; OPC-21268; OPC-31260 (Ishiguro, S. (400) 121)

Methamphetamine

Glutathione; Oxidative stress (Harold, C. (400) 99)

Microdialysis in vivo

α -Fluoromethylhistidine; Gastrin; Histamine; Histidine decarboxylase; ECL cell; Secretory vesicle; Stomach (Norlén, P. (400) 1)

Microvascular constriction

Vasopressin; Mesenteric arteriole; Cremasteric arteriole; OPC-21268; OPC-31260 (Ishiguro, S. (400) 121)

Modelling

CCK₁ receptor; Binding site; SR 27897; SR 146131 (Gouldson, P. (400) 185)

Morphine

Sildenafil; cGMP; *N*^G-L-nitro-arginine methyl ester (L-NAME); ODQ (1*H*-[1,2,4]-oxadiazolo[4,3-*a*]quinoxalin-1-one); Naloxone (Mixcoatl-Zecuatl, T. (400) 81)

Motor activity

Glutamate receptor, metabotropic; Amphetamine; LY379268; Stereotypy (Cartmell, J. (400) 221)

MRP2 (multidrug resistance protein 2)

Multidrug resistance protein; Intestine (Van Aubel, R.A.M.H. (400) 195)

MS-377

σ Binding site; Radiolabeled ligand binding; Brain membrane, rat (Karasawa, J.-i. (400) 51)

Multidrug resistance protein

MRP2 (multidrug resistance protein 2); Intestine (Van Aubel, R.A.M.H. (400) 195)

Myocardial infarct

Nitric oxide synthase inhibition; Angiotensin II cardiac; Angiotensin AT₁ receptor antagonist (Verhagen, A.M.G. (400) 239)

Myofibrillar Ca²⁺ sensitivity

Positive inotropic effect; Ventricular muscle, dog; Ca²⁺ transient; cAMP; Levosimendan (Takahashi, R. (400) 103)

Na⁺, K⁺-ATPase

Oligomycin; Ca²⁺-ATPase; Na⁺ occlusion; Chimeric ATPase (Homareda, H. (400) 177)

Naloxone

Morphine; Sildenafil; cGMP; *N*^G-L-nitro-arginine methyl ester (L-NAME); ODQ (1*H*-[1,2,4]-oxadiazolo[4,3-*a*]quinoxalin-1-one) (Mixcoatl-Zecuatl, T. (400) 81)

***N*^G-L-nitro-arginine methyl ester (L-NAME)**

Morphine; Sildenafil; cGMP; ODQ (1*H*-[1,2,4]-oxadiazolo[4,3-*a*]quinoxalin-1-one); Naloxone (Mixcoatl-Zecuatl, T. (400) 81)

Na⁺ occlusion

Oligomycin; Na⁺,K⁺-ATPase; Ca²⁺-ATPase; Chimeric ATPase (Homareda, H. (400) 177)

Neuroblastoma

Nitric oxide (NO); Hydrogen peroxide; Apoptosis; PC12; NO donor; Annexin V (Terwel, D. (400) 19)

***Nigella sativa* oil**

Thymoquinone; Antinociception; Opioid system; Formalin test (Abdel-Fattah, A.-F.M. (400) 89)

Nitregic

Anococcygeus, mouse; Forskolin; Nitric oxide (NO); Papaverine; Sildenafil; Sodium nitroprusside (Frith, D. (400) 305)

Nitregic nerve

Urethra; Nitric oxide (NO); Adrenoceptor; (Rabbit) (Seshita, H. (400) 271)

Nitric oxide (NO)

Hydrogen peroxide; Apoptosis; Neuroblastoma; PC12; NO donor; Annexin V (Terwel, D. (400) 19)

Phenylethanoid; Macrophage; Nitric oxide (NO) synthase; Inducible; 1-propanamine-3-hydroxy-2-nitroso-1-propylhydrazino (PAPA NONO-ate) (Xiong, Q. (400) 137)

Flow; Oxidative stress; Ischemia-reperfusion; Vascular (Walia, M. (400) 249)

Urethra; Adrenoceptor; Nitregic nerve; (Rabbit) (Seshita, H. (400) 271)

Nitric oxide (NO) synthases; Vanadium; Growth; Osteoblast differentiation; Bone; Cytotoxicity (Cortizo, A.M. (400) 279)

Anococcygeus, mouse; Forskolin; Nitregic; Papaverine; Sildenafil; Sodium nitroprusside (Frith, D. (400) 305)

Adrenomedullin; Inflammation; Eye; CGRP (calcitonin gene-related peptide) (Clementi, G. (400) 321)

Nitric oxide (NO) synthase

Phenylethanoid; Macrophage; Nitric oxide (NO); Inducible; 1-propanamine-3-hydroxy-2-nitroso-1-propylhydrazino (PAPA NONOate) (Xiong, Q. (400) 137)

Nitric oxide (NO) synthases

Nitric oxide (NO); Vanadium; Growth; Osteoblast differentiation; Bone; Cytotoxicity (Cortizo, A.M. (400) 279)

Nitric oxide synthase inhibition

Myocardial infarct; Angiotensin II cardiac; Angiotensin AT₁ receptor antagonist (Verhagen, A.M.G. (400) 239)

NO donor

Nitric oxide (NO); Hydrogen peroxide; Apoptosis; Neuroblastoma; PC12; Annexin V (Terwel, D. (400) 19)

Non-genomic effect

Estrogen; ERK (extracellular signal-regulated kinase); Hippocampus, rat (Kuroki, Y. (400) 205)

Noradrenergic system

FR140423; Antinociception; α₂-Adrenoceptor; Spinal cord; (Mouse) (Ochi, T. (400) 199)

ODQ (1*H*-[1,2,4]-oxadiazolo[4,3-*a*]quinoxalin-1-one)

Morphine; Sildenafil; cGMP; *N*^G-L-nitro-arginine methyl ester (L-NAME); Naloxone (Mixcoatl-Zecuatl, T. (400) 81)

Olfactory bulb

GABA_A/benzodiazepine receptor; Hippocampus; Ligand affinity; Receptor heterogeneity; α subunit (Lameh, J. (400) 167)

Oligomycin

Na⁺,K⁺-ATPase; Ca²⁺-ATPase; Na⁺ occlusion; Chimeric ATPase (Homareda, H. (400) 177)

OPC-21268

Vasopressin; Microvascular constriction; Mesenteric arteriole; Cremasteric arteriole; OPC-31260 (Ishiguro, S. (400) 121)

OPC-31260

Vasopressin; Microvascular constriction; Mesenteric arteriole; Cremasteric arteriole; OPC-21268 (Ishiguro, S. (400) 121)

Opioid system

Nigella sativa oil; Thymoquinone; Antinociception; Formalin test (Abdel-Fattah, A.-F.M. (400) 89)

Osteoblast differentiation

Nitric oxide (NO); Nitric oxide (NO) synthases; Vanadium; Growth; Bone; Cytotoxicity (Cortizo, A.M. (400) 279)

Oxatomide

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine; Histamine H₁ receptor; Epinastine; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

Oxidative stress

Methamphetamine; Glutathione (Harold, C. (400) 99)

Flow; Nitric oxide (NO); Ischemia-reperfusion; Vascular (Walia, M. (400) 249)

PAF (platelet-activating factor)

Colon, rat; Thromboxane A₂; Cl⁻ secretion (Suzuki, T. (400) 297)

1-propanamine-3-hydroxy-2-nitroso-1-propylhydrazino (PAPA NONO-ate)

Phenylethanoid; Macrophage; Nitric oxide (NO); Nitric oxide (NO) synthase; Inducible (Xiong, Q. (400) 137)

Papaverine

Anococcygeus, mouse; Forskolin; Nitregic; Nitric oxide (NO); Sildenafil; Sodium nitroprusside (Frith, D. (400) 305)

PC12

Nitric oxide (NO); Hydrogen peroxide; Apoptosis; Neuroblastoma; NO donor; Annexin V (Terwel, D. (400) 19)

PC12 cells

Flupirtine; Retigabine; Glutamate toxicity; Reactive oxygen intermediates; Glutathione (Seyfried, J. (400) 155)

Phenylethanoid

Macrophage; Nitric oxide (NO); Nitric oxide (NO) synthase; Inducible; 1-propanamine-3-hydroxy-2-nitroso-1-propylhydrazino (PAPA NONO-ate) (Xiong, Q. (400) 137)

Phospholipase A₂

Carrageenin-induced pleurisy, rat; Anti-inflammatory steroid; Dexamethasone; Prostaglandin H synthase-2 (cyclooxygenase-2) (Kawamura, M. (400) 127)

Pilsicainide

Disopyramide; Cibenzoline; QTc; Adrenaline; (Dog) (Miyamoto, S. (400) 263)

Plasma extravasation

Substance P; Vasodilatation; Knee joint, Rabbit (Lam, F.F.Y. (400) 327)

Positive inotropic effect

Ventricular muscle, dog; Ca²⁺ transient; Myofibrillar Ca²⁺ sensitivity; cAMP; Levosimendan (Takahashi, R. (400) 103)

Proliferation

Dermatan; Chondroitin sulfate; Fibroblast; Chondroitinase (Denholm, E.M. (400) 145)

Prostaglandin

Thiazolidinedione; Hemodynamics; Heart; Coronary vasorelaxant (Uchida, K. (400) 113)

Prostaglandin H synthase-2 (cyclooxygenase-2)

Carrageenin-induced pleurisy, rat; Anti-inflammatory steroid; Dexamethasone; Phospholipase A₂ (Kawamura, M. (400) 127)

QTc

Disopyramide; Cibenzoline; Pilsicainide; Adrenaline; (Dog) (Miyamoto, S. (400) 263)

Radiolabeled ligand binding

MS-377; σ Binding site; Brain membrane, rat (Karasawa, J.-i. (400) 51)

Radiotelemetry

Anxiety; Stress; 5-HT_{1A} receptor; Tachycardia; Hyperthermia (Bouwknicht, J.A. (400) 59)

Reactive oxygen intermediates

Flupirtine; Retigabine; Glutamate toxicity; PC12 cells; Glutathione (Seyfried, J. (400) 155)

 σ Receptor

Glutamate release; GABA (γ -aminobutyric acid) release; Synaptosome; Cerebellum (Garrone, B. (400) 35)

Receptor heterogeneity

GABA_A/benzodiazepine receptor; Hippocampus; Olfactory bulb; Ligand affinity; α subunit (Lameh, J. (400) 167)

Recovery

α_2 -Adrenoceptor antagonist; Focal cerebral ischemia; Sensorimotor functions; (Rat) (Jolkonen, J. (400) 211)

Retigabine

Flupirtine; Glutamate toxicity; PC12 cells; Reactive oxygen intermediates; Glutathione (Seyfried, J. (400) 155)

S-0139

Endothelin receptor subtype; Antagonist activity; Blood vessel, rabbit; Blood vessel, canine (Iwasaki, T. (400) 255)

Scratching behavior

Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine; Histamine H₁ receptor; Oxatomide; Epinastine; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

Secretory vesicle

α -Fluoromethylhistidine; Gastrin; Histamine; Histidine decarboxylase; Microdialysis in vivo; ECL cell; Stomach (Norlén, P. (400) 1)

Sensorimotor functions

α_2 -Adrenoceptor antagonist; Focal cerebral ischemia; Recovery; (Rat) (Jolkonen, J. (400) 211)

Sildenafil

Morphine; cGMP; *N*^G-L-nitro-arginine methyl ester (L-NAME); ODQ (1*H*-[1,2,4]-oxadiazolo[4,3-*a*]quinoxalin-1-one); Naloxone (Mixcoatl-Zecuatl, T. (400) 81)

Anococcygeus, mouse; Forskolin; Nitroergic; Nitric oxide (NO); Papaverine; Sodium nitroprusside (Frith, D. (400) 305)

Smooth muscle relaxation

K⁺ channel opener; Detrusor smooth muscle; K⁺ channels, ATP-sensitive; Sulfonyleurea receptor (Buckner, S.A. (400) 287)

Sodium nitroprusside

cGMP; K⁺ channel; Antinociception (Soares, A.C. (400) 67)

Anococcygeus, mouse; Forskolin; Nitroergic; Nitric oxide (NO); Papaverine; Sildenafil (Frith, D. (400) 305)

Spinal cord

FR140423; Antinociception; Noradrenergic system; α_2 -Adrenoceptor; (Mouse) (Ochi, T. (400) 199)

Spontaneously hypertensive rat (SHR)

MAP (mitogen-activated protein) kinase; Angiotensin; Endothelin; Aorta; DOCA-salt hypertensive rat (Kubo, T. (400) 231)

SR 146131

CCK₁ receptor; Binding site; Modelling; SR 27897 (Gouldson, P. (400) 185)

SR 27897

CCK₁ receptor; Binding site; Modelling; SR 146131 (Gouldson, P. (400) 185)

Stereotypy

Glutamate receptor, metabotropic; Amphetamine; LY379268; Motor activity (Cartmell, J. (400) 221)

Stomach

α -Fluoromethylhistidine; Gastrin; Histamine; Histidine decarboxylase; Microdialysis in vivo; ECL cell; Secretory vesicle (Norlén, P. (400) 1)

Stress

Anxiety; 5-HT_{1A} receptor; Tachycardia; Hyperthermia; Radiotelemetry (Bouwknicht, J.A. (400) 59)

Substance P

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Histamine; Histamine H₁ receptor; Oxatomide; Epinastine; Cetirizine; Terfenadine; (Mouse) (Inagaki, N. (400) 73)

Vasodilatation; Plasma extravasation; Knee joint, Rabbit (Lam, F.F.Y. (400) 327)

 α subunit

GABA_A/benzodiazepine receptor; Hippocampus; Olfactory bulb; Ligand affinity; Receptor heterogeneity (Lameh, J. (400) 167)

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σ Receptor; Glutamate release; GABA (γ -aminobutyric acid) release; Cerebellum (Garrone, B. (400) 35)

Tachycardia

Anxiety; Stress; 5-HT_{1A} receptor; Hyperthermia; Radiotelemetry (Bouwknicht, J.A. (400) 59)

Terfenadine

Scratching behavior; Immunoglobulin E; Anaphylaxis, passive cutaneous; Substance P; Histamine; Histamine H₁ receptor; Oxatomide; Epinastine; Cetirizine; (Mouse) (Inagaki, N. (400) 73)

Thiazolidinedione

Hemodynamics; Heart; Coronary vasorelaxant; Prostaglandin (Uchida, K. (400) 113)

Thromboxane A₂

Colon, rat; PAF (platelet-activating factor); Cl⁻ secretion (Suzuki, T. (400) 297)

Thymoquinone

Nigella sativa oil; Antinociception; Opioid system; Formalin test (Abdel-Fattah, A.-F.M. (400) 89)

Urethra

Nitric oxide (NO); Adrenoceptor; Nitroergic nerve; (Rabbit) (Seshita, H. (400) 271)

Urocanic acid

GABA_A receptor; UV-induced immunosuppression (Uusi-Oukari, M. (400) 11)

UV-induced immunosuppression

Urocanic acid; GABA_A receptor (Uusi-Oukari, M. (400) 11)

Vanadium

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Vascular

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Vas deferens, rat

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Vasodilatation

Substance P; Plasma extravasation; Knee joint, Rabbit (Lam, F.F.Y. (400) 327)

Vasopressin

Microvascular constriction; Mesenteric arteriole; Cremasteric arteriole; OPC-21268; OPC-31260 (Ishiguro, S. (400) 121)

Ventricular muscle, dog

Positive inotropic effect; Ca²⁺ transient; Myofibrillar Ca²⁺ sensitivity; cAMP; Levosimendan (Takahashi, R. (400) 103)