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δ -Aminolaevulinic acid

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Angiotensin-converting enzyme

Angiotensin-converting enzyme inhibitor; Endothelial cells, cultured; Umbilical veins, human; Nitric oxide (NO); Platelet aggregation (Persson, K. (406) 15)

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Antinociception

Neuropeptide FF; Morphine; Adenosine; Spinal cord (Gouardères, C. (406) 391)

Antioxidant

Myocardial ischemia; β -Adrenoceptor antagonist (Gao, F. (406) 109)

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Conditioned fear stress; Freezing behavior; Monoamine oxidase inhibitor (Maki, Y. (406) 411)

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ATP-sensitive, K⁺ channels

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); Nicotinic; SIN-1 (3-Morpholinomethylsulfonamide); Guanylate cyclase; Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-*a*) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

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Apoptosis; Eosinophil; Fluticasone propionate; Budesonide (Zhang, X. (406) 325)

Behavior

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Benzodiazepine receptor, mitochondrial

δ -Aminolaevulinic acid; Protoporphyrin IX; Zinc protoporphyrin IX; Acifluorfen; Protoporphyrinogen oxidase (Mesenhöller, M. (406) 171)

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Phosphatidylinositol-3-kinase; Wortmannin; Adenosine; Methacholine; 5-HT; Active sensitisation; Ovalbumin; Brown Norway, rat (Tigani, B. (406) 469)

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Brown Norway, rat

Phosphatidylinositol-3-kinase; Wortmannin; Adenosine; Methacholine; 5-HT; Bronchoconstriction; Active sensitisation; Ovalbumin (Tigani, B. (406) 469)

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Budesonide

Apoptosis; Eosinophil; Fluticasone propionate; Beclomethasone (Zhang, X. (406) 325)

cAMP

Phosphodiesterase; Pulmonary circulation; cGMP; (Pharmacology); (Cat) (De Witt, B.J. (406) 233)

Ca²⁺

Ouabain; Na⁺; Aldosterone; Na(+)–K(+)-exchanging ATPase (Yingst, D.R. (406) 49)

Ca²⁺ channel

8-OH-DPAT; 5-HT_{1A} receptor; Na⁺ channel; Neuroprotection; Ischemia (Melena, J. (406) 319)

Generalized absence epilepsy; WAG/Rij rat; Spike-wave discharge; Nimodipine; BAY K8644; Ethosuximide; Genetic model (Van Luijckelaar, G. (406) 381)

Ca²⁺ channel blocker

Thapsigargin; Stimulus pattern; Acetylcholine release; Neuromuscular junction (Correia-de-Sá, P. (406) 355)

Ca²⁺ channel, L-type

Ventricular cardiomyocyte, rat; Contractile function; Nitric oxide (NO); Myoglobin (Vulcu, S.D. (406) 247)

Caffeine

Adenosine receptor; Locomotion; Dopamine receptor; In situ hybridization; Autoradiography (Halldner, L. (406) 345)

Cannabinoid receptor

Vanilloid receptor; Anandamide; Capsaicin; Anti-nociception; Behavior; (Mouse) (Di Marzo, V. (406) 363)

Capsaicin

Cannabinoid receptor; Vanilloid receptor; Anandamide; Anti-nociception; Behavior; (Mouse) (Di Marzo, V. (406) 363)

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Cardioselective muscarinic receptor antagonist

MF 10058; Muscarinic M₂ receptor antagonist; Antibradycardic agent; Sick sinus syndrome; Bradycardia (Lamperti, G. (406) 93)

Cardiovascular

Fetal, sheep; Angiotensin; AT₁ receptor; AT₂ receptor; Cortisol (Hegarty, B.D. (406) 439)

Carnitine palmitoyltransferase I inhibition

Heart, Rat; Contractile function; Etomoxir; Hypertrophy; Infarct size (Günther, J. (406) 123)

Carrageenan

Dopaminergic agent; Dopamine D₁ receptor; Dopamine D₂ receptor; Anti-hyperalgesia; Hypoalgesia (Gao, X. (406) 53)

Ca²⁺ transient

Lipopolysaccharide; Vascular hyporeactivity; Ventricular myocyte; β-adrenergic stimulation; Nitric oxide (NO) (Shan, Q. (406) 257)

cGMP

Phosphodiesterase; Pulmonary circulation; cAMP; (Pharmacology); (Cat) (De Witt, B.J. (406) 233)

Ciprofloxacin

Fluoroquinolones; Sparfloxacin; Moxifloxacin; Grepafloxacin; Purkinje fibre; Cardiac action potential; (Canine) (Patmore, L. (406) 449)

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Coagulation

Thrombin; Platelet aggregation; Shear; Bifunctional inhibitor (Taka, T. (406) 181)

Colchicine

Preconditioning; Angiotensin; Ischaemia; Prazosin (Sharma, A. (406) 85)

Colon damage

Dinitrobenzene sulfonic acid; Inflammation; Nitric oxide (NO); Peroxynitrite; Poly (ADP-ribose) synthetase; Free radical (Cuzzocrea, S. (406) 127)

Colorectal cancer

Neuropathy; Dorsal root ganglia; Hippocampal neuron; Sural nerve (Adelsberger, H. (406) 25)

Conditioned fear stress

Anxiety; Freezing behavior; Monoamine oxidase inhibitor (Maki, Y. (406) 411)

Conditioned place preference

Cyclo-oxygenase inhibitor; Nimesulide; Abuse liability (Fattore, L. (406) 75)

Connexin

Melittin; Phospholipase A₂; Gap junction; Endothelium-derived hyperpolarizing factor (EDHF); Endothelium; Smooth muscle, vascular (Hutchinson, I.R. (406) 239)

Contractile function

Heart, Rat; Carnitine palmitoyltransferase I inhibition; Etomoxir; Hypertrophy; Infarct size (Günther, J. (406) 123)

Ventricular cardiomyocyte, rat; Ca²⁺ channel, L-type; Nitric oxide (NO); Myoglobin (Vulcu, S.D. (406) 247)

Corpus cavernosum

Neocuproine; Bathocuproine; S-Nitrosoglutathione; Non-adrenergic non-cholinergic (NANC) nerve; Nitric relaxation (Göçmen, C. (406) 293)

Cortisol

Fetal, sheep; Angiotensin; AT₁ receptor; AT₂ receptor; Cardiovascular (Hegarty, B.D. (406) 439)

mCPP (m-chlorophenylpiperazine)

Glucagon; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C/2B} receptor; Adrenaline (Yamada, J. (406) 153)

CV-2619

NGF (nerve growth factor); Astrocyte; Apoptosis (Takuma, K. (406) 333)

Cyclooxygenase

Helicobacter pylori; NSAID; Prostaglandin; Gastric ulceration (Takahashi, S. (406) 461)

Wogonin; Flavonoid; Prostaglandin; Macrophage (Wakabayashi, I. (406) 477)

Cyclo-oxygenase inhibitor

Nimesulide; Conditioned place preference; Abuse liability (Fattore, L. (406) 75)

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Ouabain; Na⁺,K⁺-ATPase; Phenylephrine; Vascular reactivity; Streptozotocin; Nitric oxide; (Rat) (Davel, A.P.C. (406) 419)

Differentiation

Protein kinase C; Atherosclerosis; Gene expression; α -tropomyosin; (Rat) (Hirano, K. (406) 209)

Dinitrobenzene sulfonic acid

Inflammation; Nitric oxide (NO); Peroxynitrite; Poly (ADP-ribose) synthetase; Colon damage; Free radical (Cuzzocrea, S. (406) 127)

Dmt–Tic

Inverse agonism; Antagonism (Labarre, M. (406) R1)

L-DOPA (L-3,4-dihydroxyphenylalanine)

Naltrexone; Ethanol; 5-HTP (5-hydroxy-L-tryptophan); Firing rate (Inoue, H. (406) 375)

Dopamine D₁ receptor

Dopaminergic agent; Carrageenan; Dopamine D₂ receptor; Anti-hyperalgesia; Hypoalgesia (Gao, X. (406) 53)

Dopamine D₂ receptor

Dopaminergic agent; Carrageenan; Dopamine D₁ receptor; Anti-hyperalgesia; Hypoalgesia (Gao, X. (406) 53)

Dopamine receptor

Adenosine receptor; Locomotion; Caffeine; In situ hybridization; Autoradiography (Halldner, L. (406) 345)

Dopaminergic agent

Carrageenan; Dopamine D₁ receptor; Dopamine D₂ receptor; Anti-hyperalgesia; Hypoalgesia (Gao, X. (406) 53)

Dopamine transporter

Psychostimulant; Amphetamine (Fleckenstein, A.E. (406) 1)

Dorsal root ganglia

Neuropathy; Colorectal cancer; Hippocampal neuron; Sural nerve (Adelsberger, H. (406) 25)

D2 receptor

UV light; Planaria (Raffa, R.B. (406) R11)

Drug discrimination

Zolpidem; Benzodiazepine (Rowlett, J.K. (406) R9)

E3040

Urate uptake; Brush border membrane vesicle; (Rat) (Yamada, H. (406) 45)

EAAT

(*RS*)-2-Amino-3-(3-hydroxy-1,2,5-thiadiazol-4-yl)propionic acid; TDPA; EAAT2 inhibitor, selective (Bräuner-Osborne, H. (406) 41)

EAAT2 inhibitor, selective

EAAT; (*RS*)-2-Amino-3-(3-hydroxy-1,2,5-thiadiazol-4-yl)propionic acid; TDPA (Bräuner-Osborne, H. (406) 41)

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FR139317; BQ-788; Phosphoramidon; Transmural electrical stimulation (Nagayama, T. (406) 69)

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Endothelin ET_A/ET_B receptor antagonist bifunctional; IRL 3630A; Respiratory mechanics (Makatani, M. (406) 139)

Stellate cell; Cirrhosis; Liver; Fibrosis, rat (Gandhi, C.R. (406) 311)

Endothelin ET_A/ET_B receptor antagonist bifunctional

Endothelin; IRL 3630A; Respiratory mechanics (Makatani, M. (406) 139)

Endothelin ET_B receptor

Cytokine; Interleukin-1 β ; Interleukin-6; Interferon- γ ; TNF- α (tumour necrosis factor- α); Sarafotoxin S6c; Vasoactivity (White, L.R. (406) 117)

Endothelium

Melittin; Phospholipase A₂; Gap junction; Connexin; Endothelium-derived hyperpolarizing factor (EDHF); Smooth muscle, vascular (Hutcheson, I.R. (406) 239)

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Endothelium-derived hyperpolarizing factor (EDHF)

Melittin; Phospholipase A₂; Gap junction; Connexin; Endothelium; Smooth muscle, vascular (Hutcheson, I.R. (406) 239)

Eosinophil

Apoptosis; Fluticasone propionate; Budesonide; Beclomethasone (Zhang, X. (406) 325)

Erythropoietin

Brain ischemia; Subarachnoid hemorrhage (Alafaci, C. (406) 219)

Ethanol

Naltrexone; L-DOPA (L-3,4-dihydroxyphenylalanine); 5-HTP (5-hydroxy-L-tryptophan); Firing rate (Inoue, H. (406) 375)

Ethosuximide

Generalized absence epilepsy; Ca²⁺ channel; WAG/Rij rat; Spike-wave discharge; Nimodipine; BAY K8644; Genetic model (Van Luijtelaar, G. (406) 381)

Etomoxir

Heart, Rat; Contractile function; Carnitine palmitoyltransferase I inhibition; Hypertrophy; Infarct size (Günther, J. (406) 123)

Feeding behaviour

P₂ purinoceptors; ATP (Kittner, H. (406) R13)

Fetal, sheep

Angiotensin; AT₁ receptor; AT₂ receptor; Cardiovascular; Cortisol (Hegarty, B.D. (406) 439)

Fibrosis, rat

Stellate cell; Cirrhosis; Endothelin; Liver (Gandhi, C.R. (406) 311)

Firing rate

Naltrexone; Ethanol; L-DOPA (L-3,4-dihydroxyphenylalanine); 5-HTP (5-hydroxy-L-tryptophan) (Inoue, H. (406) 375)

Flavonoid

Wogonin; Cyclooxygenase; Prostaglandin; Macrophage (Wakabayashi, I. (406) 477)

Fluoroquinolones

HERG; QT-prolongation; Patch-clamp technique (Bischoff, U. (406) 341)

Sparfloxacin; Moxifloxacin; Grepafloxacin; Ciprofloxacin; Purkinje fibre; Cardiac action potential; (Canine) (Patmore, L. (406) 449)

Fluticasone propionate

Apoptosis; Eosinophil; Budesonide; Beclomethasone (Zhang, X. (406) 325)

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FR139317

Endothelin-1; BQ-788; Phosphoramidon; Transmural electrical stimulation (Nagayama, T. (406) 69)

Free radical

Dinitrobenzene sulfonic acid; Inflammation; Nitric oxide (NO); Peroxynitrite; Poly (ADP-ribose) synthetase; Colon damage (Cuzzocrea, S. (406) 127)

Freezing behavior

Anxiety; Conditioned fear stress; Monoamine oxidase inhibitor (Maki, Y. (406) 411)

Frontal cortex

5-HT_{2A} receptor; 5-HT_{2C} receptor; (Rabbit); (Human) (Aloyo, V.J. (406) 163)

Gap junction

Melittin; Phospholipase A₂; Connexin; Endothelium-derived hyperpolarizing factor (EDHF); Endothelium; Smooth muscle, vascular (Hutcheson, I.R. (406) 239)

Gastric ulceration

Helicobacter pylori; NSAID; Prostaglandin; Cyclooxygenase (Takahashi, S. (406) 461)

Gene expression

Differentiation; Protein kinase C; Atherosclerosis; α-tropomyosin; (Rat) (Hirano, K. (406) 209)

Generalized absence epilepsy

Ca²⁺ channel; WAG/Rij rat; Spike-wave discharge; Nimodipine; BAY K8644; Ethosuximide; Genetic model (Van Luijtelaar, G. (406) 381)

Genetic model

Generalized absence epilepsy; Ca²⁺ channel; WAG/Rij rat; Spike-wave discharge; Nimodipine; BAY K8644; Ethosuximide (Van Luijtelaar, G. (406) 381)

Glibenclamide

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); Nicotandil; ATP-sensitive, K⁺ channels; SIN-1 (3-Morpholinodnonimine); Guanylate cyclase; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-*a*) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

Glucagon

mCPP (*m*-chlorophenylpiperazine); 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C/2B} receptor; Adrenaline (Yamada, J. (406) 153)

Glucose metabolism

β₃-Adrenoceptor agonists; Thermogenesis; Pyruvate-oxidation; Soleus muscle, isolated (Board, M. (406) 33)

Glutamate

Receptor; Metabotropic; Antagonist; 2-Methyl-6-(phenylethynyl)-pyridine (MPEP) (Spooren, W.P.J.M. (406) 403)

Glutathione

Liver, rat; Ischemia–reperfusion; Protective effect; ATP; Bile flow; Antioxidant (Settaf, A. (406) 281)

Grepafloxacin

Fluoroquinolones; Sparfloxacin; Moxifloxacin; Ciprofloxacin; Purkinje fibre; Cardiac action potential; (Canine) (Patmore, L. (406) 449)

Guanylate cyclase

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); Nicotandil; ATP-sensitive, K⁺ channels; SIN-1 (3-Morpholinodnonimine); Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-*a*) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

Heart, Rat

Contractile function; Carnitine palmitoyltransferase I inhibition; Eto-moxir; Hypertrophy; Infarct size (Günther, J. (406) 123)

Helicobacter pylori

NSAID; Prostaglandin; Cyclooxygenase; Gastric ulceration (Takahashi, S. (406) 461)

HERG

QT-prolongation; Fluoroquinolones; Patch-clamp technique (Bischoff, U. (406) 341)

High-density lipoprotein

Endothelium-dependent relaxation; Very low-density lipoprotein; Low-density lipoprotein; Oxysterol (Perségol, L. (406) 429)

Hippocampal neuron

Neuropathy; Colorectal cancer; Dorsal root ganglia; Sural nerve (Adelsberger, H. (406) 25)

Histamine

Emedastine difumarate; Itch-associated response; Substance P; Leukotriene B₄; 5-HT (5-hydroxytryptamine, Serotonin) (Andoh, T. (406) 149)

5-HT

Phosphatidylinositol-3-kinase; Wortmannin; Adenosine; Methacholine; Bronchoconstriction; Active sensitisation; Ovalbumin; Brown Norway, rat (Tigani, B. (406) 469)

5-HT (5-hydroxytryptamine, serotonin)

Umbilical artery, human; Nicorandil; ATP-sensitive, K^+ channels; SIN-1 (3-Morpholinylsydnimine); Guanylate cyclase; Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-*a*) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

5-HT (5-hydroxytryptamine, Serotonin)

Emedastine difumarate; Itch-associated response; Substance P; Histamine; Leukotriene B_4 (Andoh, T. (406) 149)

5-HT (5-hydroxytryptamine, serotonin)

mCPP (*m*-chlorophenylpiperazine); Glucagon; 5-HT_{2C/2B} receptor; Adrenaline (Yamada, J. (406) 153)

Leptin; 5-HTP (5-Hydroxytryptophan); Benserazide; (Mouse) (Yamada, J. (406) 159)

5-HTP (5-hydroxy-L-tryptophan)

Naltrexone; Ethanol; L-DOPA (L-3,4-dihydroxyphenylalanine); Firing rate (Inoue, H. (406) 375)

5-HTP (5-Hydroxytryptophan)

Leptin; 5-HT (5-hydroxytryptamine, serotonin); Benserazide; (Mouse) (Yamada, J. (406) 159)

5-HT_{2C/2B} receptor

mCPP (*m*-chlorophenylpiperazine); Glucagon; 5-HT (5-hydroxytryptamine, serotonin); Adrenaline (Yamada, J. (406) 153)

5-HT_{2A} receptor

5-HT_{2C} receptor; Frontal cortex; (Rabbit); (Human) (Aloyo, V.J. (406) 163)

5-HT_{2C} receptor

5-HT_{2A} receptor; Frontal cortex; (Rabbit); (Human) (Aloyo, V.J. (406) 163)

5-HT_{1A} receptor

8-OH-DPAT; Na^+ channel; Ca^{2+} channel; Neuroprotection; Ischemia (Melena, J. (406) 319)

Hypertrophy

Heart, Rat; Contractile function; Carnitine palmitoyltransferase I inhibition; Etomoxir; Infarct size (Günther, J. (406) 123)

Hypoalgesia

Dopaminergic agent; Carrageenan; Dopamine D_1 receptor; Dopamine D_2 receptor; Anti-hyperalgesia (Gao, X. (406) 53)

Inducible NO synthase

Inflammation; Nitric oxide (NO); NF- κ B (nuclear factor- κ B); β -Carboline alkaloid (Lee, B.G. (406) 301)

Infarct size

Heart, Rat; Contractile function; Carnitine palmitoyltransferase I inhibition; Etomoxir; Hypertrophy (Günther, J. (406) 123)

Inflammation

Dinitrobenzene sulfonic acid; Nitric oxide (NO); Peroxynitrite; Poly (ADP-ribose) synthetase; Colon damage; Free radical (Cuzzocrea, S. (406) 127)

Nitric oxide (NO); Inducible NO synthase; NF- κ B (nuclear factor- κ B); β -Carboline alkaloid (Lee, B.G. (406) 301)

In situ hybridization

Adenosine receptor; Locomotion; Dopamine receptor; Caffeine; Autoradiography (Halldner, L. (406) 345)

Interferon- γ

Cytokine; Endothelin ET_B receptor; Interleukin-1 β ; Interleukin-6; TNF- α (tumour necrosis factor- α); Sarafotoxin S6c; Vasoactivity (White, L.R. (406) 117)

Interleukin-6

Cytokine; Endothelin ET_B receptor; Interleukin-1 β ; Interferon- γ ; TNF- α (tumour necrosis factor- α); Sarafotoxin S6c; Vasoactivity (White, L.R. (406) 117)

Interleukin-1 β

Cytokine; Endothelin ET_B receptor; Interleukin-6; Interferon- γ ; TNF- α (tumour necrosis factor- α); Sarafotoxin S6c; Vasoactivity (White, L.R. (406) 117)

Inverse agonism

Dmt-Tic; Antagonism (Labarre, M. (406) R1)

IRL 3630A

Endothelin; Endothelin ET_A/ET_B receptor antagonist bifunctional; Respiratory mechanics (Makatani, M. (406) 139)

Ischaemia

Preconditioning; Angiotensin; Prazosin; Colchicine (Sharma, A. (406) 85)

Ischemia

8-OH-DPAT; 5-HT_{1A} receptor; Na^+ channel; Ca^{2+} channel; Neuroprotection (Melena, J. (406) 319)

Ischemia-reperfusion

Liver, rat; Protective effect; ATP; Bile flow; Glutathione; Antioxidant (Settaf, A. (406) 281)

Itch-associated response

Emedastine difumarate; Substance P; Histamine; Leukotriene B_4 ; 5-HT (5-hydroxytryptamine, Serotonin) (Andoh, T. (406) 149)

Leptin

5-HTP (5-Hydroxytryptophan); 5-HT (5-hydroxytryptamine, serotonin); Benserazide; (Mouse) (Yamada, J. (406) 159)

Leukotriene B_4

Emedastine difumarate; Itch-associated response; Substance P; Histamine; 5-HT (5-hydroxytryptamine, Serotonin) (Andoh, T. (406) 149)

Lipopolysaccharide

Vascular hyporeactivity; Ventricular myocyte; Ca^{2+} transient; β -adrenergic stimulation; Nitric oxide (NO) (Shan, Q. (406) 257)

Liver

Stellate cell; Cirrhosis; Endothelin; Fibrosis, rat (Gandhi, C.R. (406) 311)

Liver, rat

Ischemia-reperfusion; Protective effect; ATP; Bile flow; Glutathione; Antioxidant (Settaf, A. (406) 281)

Locomotion

Adenosine receptor; Dopamine receptor; Caffeine; In situ hybridization; Autoradiography (Halldner, L. (406) 345)

Low-density lipoprotein

Endothelium-dependent relaxation; Very low-density lipoprotein; High-density lipoprotein; Oxysterol (Perségol, L. (406) 429)

Macrophage

Wogonin; Flavonoid; Cyclooxygenase; Prostaglandin (Wakabayashi, I. (406) 477)

Melittin

Phospholipase A₂; Gap junction; Connexin; Endothelium-derived hyperpolarizing factor (EDHF); Endothelium; Smooth muscle, vascular (Hutcheson, I.R. (406) 239)

Mesenteric arterial bed

Acidosis; ATP; P2X receptor; pH; Purine; Vasoconstriction (Ralevic, V. (406) 99)

Metabotropic

Glutamate; Receptor; Antagonist; 2-Methyl-6-(phenylethynyl)-pyridine (MPEP) (Spooren, W.P.J.M. (406) 403)

Methacholine

Phosphatidylinositol-3-kinase; Wortmannin; Adenosine; 5-HT; Bronchoconstriction; Active sensitisation; Ovalbumin; Brown Norway, rat (Tigani, B. (406) 469)

2-Methyl-6-(phenylethynyl)-pyridine (MPEP)

Glutamate; Receptor; Metabotropic; Antagonist (Spooren, W.P.J.M. (406) 403)

MF 10058

Muscarinic M₂ receptor antagonist; Cardioselective muscarinic receptor antagonist; Antibradycardic agent; Sick sinus syndrome; Bradycardia (Lamperti, G. (406) 93)

Mice

Naloxone; Morphine; Sensitization; Place conditioning; NMDA receptor antagonist (Blokina, E.A. (406) 227)

Mitogen-activated protein (MAP) kinase

Picroside I; Picroside II; Neurite outgrowth activity; Nerve growth factor (NGF); PC12D cell (Li, P. (406) 203)

Monoamine oxidase inhibitor

Anxiety; Conditioned fear stress; Freezing behavior (Maki, Y. (406) 411)

Morphine

Naloxone; Sensitization; Place conditioning; NMDA receptor antagonist; Mice (Blokina, E.A. (406) 227)

Neuropeptide FF; Adenosine; Spinal cord; Antinociception (Gouardères, C. (406) 391)

Moxifloxacin

Fluoroquinolones; Sparfloxacin; Grepafloxacin; Ciprofloxacin; Purkinje fibre; Cardiac action potential; (Canine) (Patmore, L. (406) 449)

Muscarinic M₂ receptor antagonist

MF 10058; Cardioselective muscarinic receptor antagonist; Antibradycardic agent; Sick sinus syndrome; Bradycardia (Lamperti, G. (406) 93)

Myocardial ischemia

β-Adrenoceptor antagonist; Antioxidant (Gao, F. (406) 109)

Myoglobin

Ventricular cardiomyocyte, rat; Contractile function; Ca²⁺ channel, L-type; Nitric oxide (NO) (Vulcu, S.D. (406) 247)

Na⁺

Ouabain; Ca²⁺; Aldosterone; Na(+)–K(+)–exchanging ATPase (Yingst, D.R. (406) 49)

Na⁺ channel

8-OH-DPAT; 5-HT_{1A} receptor; Ca²⁺ channel; Neuroprotection; Ischemia (Melena, J. (406) 319)

Na⁺,K⁺-ATPase

Diabetes; Ouabain; Phenylephrine; Vascular reactivity; Streptozotocin; Nitric oxide; (Rat) (Davel, A.P.C. (406) 419)

Na(+)–K(+)–exchanging ATPase

Ouabain; Na⁺; Ca²⁺; Aldosterone (Yingst, D.R. (406) 49)

Naloxone

Morphine; Sensitization; Place conditioning; NMDA receptor antagonist; Mice (Blokina, E.A. (406) 227)

Naltrexone

Ethanol; L-DOPA (L-3,4-dihydroxyphenylalanine); 5-HTP (5-hydroxy-L-tryptophan); Firing rate (Inoue, H. (406) 375)

Neocuproine

Bathocuproine; Corpus cavernosum; S-Nitrosoglutathione; Non-adrenergic non-cholinergic (NANC) nerve; Nitric relaxation (Göçmen, C. (406) 293)

Nerve growth factor (NGF)

Picroside I; Picroside II; Neurite outgrowth activity; Mitogen-activated protein (MAP) kinase; PC12D cell (Li, P. (406) 203)

Neurite outgrowth activity

Picroside I; Picroside II; Nerve growth factor (NGF); Mitogen-activated protein (MAP) kinase; PC12D cell (Li, P. (406) 203)

Neuromuscular junction

Ca²⁺ channel blocker; Thapsigargin; Stimulus pattern; Acetylcholine release (Correia-de-Sá, P. (406) 355)

Neuropathy

Colorectal cancer; Dorsal root ganglia; Hippocampal neuron; Sural nerve (Adelsberger, H. (406) 25)

Neuropeptide FF

Morphine; Adenosine; Spinal cord; Antinociception (Gouardères, C. (406) 391)

Neuroprotection

Antiepileptic drug; Neurotoxicity; Apoptosis (Ambrósio, A.F. (406) 191)

8-OH-DPAT; 5-HT_{1A} receptor; Na⁺ channel; Ca²⁺ channel; Ischemia (Melena, J. (406) 319)

Neurotoxicity

Antiepileptic drug; Neuroprotection; Apoptosis (Ambrósio, A.F. (406) 191)

NF-κB (nuclear factor-κB)

Inflammation; Nitric oxide (NO); Inducible NO synthase; β-Carboline alkaloid (Lee, B.G. (406) 301)

NGF (nerve growth factor)

CV-2619; Astrocyte; Apoptosis (Takuma, K. (406) 333)

Nicorandil

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); ATP-sensitive, K^+ channels; SIN-1 (3-Morpholinosydnonimine); Guanylate cyclase; Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-*a*) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

Nimesulide

Cyclo-oxygenase inhibitor; Conditioned place preference; Abuse liability (Fattore, L. (406) 75)

Nimodipine

Generalized absence epilepsy; Ca^{2+} channel; WAG/Rij rat; Spike-wave discharge; BAY K8644; Ethosuximide; Genetic model (Van Luijtelaa, G. (406) 381)

Nitrgic relaxation

Neocuproine; Bathocuproine; Corpus cavernosum; S-Nitrosoglutathione; Non-adrenergic non-cholinergic (NANC) nerve (Göçmen, C. (406) 293)

Nitric oxide

Diabetes; Ouabain; Na^+, K^+ -ATPase; Phenylephrine; Vascular reactivity; Streptozotocin; (Rat) (Davel, A.P.C. (406) 419)

Nitric oxide (NO)

Angiotensin-converting enzyme; Angiotensin-converting enzyme inhibitor; Endothelial cells, cultured; Umbilical veins, human; Platelet aggregation (Persson, K. (406) 15)

Dinitrobenzene sulfonic acid; Inflammation; Peroxynitrite; Poly (ADP-ribose) synthetase; Colon damage; Free radical (Cuzzocrea, S. (406) 127)

Ventricular cardiomyocyte, rat; Contractile function; Ca^{2+} channel, L-type; Myoglobin (Vulcu, S.D. (406) 247)

Lipopolysaccharide; Vascular hyporeactivity; Ventricular myocyte; Ca^{2+} transient; β -adrenergic stimulation (Shan, Q. (406) 257)

Inflammation; Inducible NO synthase; NF- κ B (nuclear factor- κ B); β -Carboline alkaloid (Lee, B.G. (406) 301)

S-Nitrosoglutathione

Neocuproine; Bathocuproine; Corpus cavernosum; Non-adrenergic non-cholinergic (NANC) nerve; Nitrgic relaxation (Göçmen, C. (406) 293)

NMDA receptor antagonist

Naloxone; Morphine; Sensitization; Place conditioning; Mice (Blokina, E.A. (406) 227)

Non-adrenergic non-cholinergic (NANC) nerve

Neocuproine; Bathocuproine; Corpus cavernosum; S-Nitrosoglutathione; Nitrgic relaxation (Göçmen, C. (406) 293)

Noxious heat

c-Fos; Racemic-flurbiprofen; *S*(+)-flurbiprofen; *R*(-)-flurbiprofen; Spinal dorsal horn (Buritova, J. (406) 59)

NSAID

Helicobacter pylori; Prostaglandin; Cyclooxygenase; Gastric ulceration (Takahashi, S. (406) 461)

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

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); Nicorandil; ATP-sensitive, K^+ channels; SIN-1 (3-Morpholinosydnonimine); Guanylate cyclase; Glibenclamide; Temperature (Tiritilli, A. (406) 79)

8-OH-DPAT

5-HT_{1A} receptor; Na^+ channel; Ca^{2+} channel; Neuroprotection; Ischemia (Melena, J. (406) 319)

Ouabain

Na^+ ; Ca^{2+} ; Aldosterone; $Na(+)-K(+)$ -exchanging ATPase (Yingst, D.R. (406) 49)

Diabetes; Na^+, K^+ -ATPase; Phenylephrine; Vascular reactivity; Streptozotocin; Nitric oxide; (Rat) (Davel, A.P.C. (406) 419)

Ovalbumin

Phosphatidylinositol-3-kinase; Wortmannin; Adenosine; Methacholine; 5-HT; Bronchoconstriction; Active sensitisation; Brown Norway, rat (Tigani, B. (406) 469)

Oxysterol

Endothelium-dependent relaxation; Very low-density lipoprotein; Low-density lipoprotein; High-density lipoprotein (Perségol, L. (406) 429)

Patch-clamp technique

HERG; QT-prolongation; Fluoroquinolones (Bischoff, U. (406) 341)

PC12D cell

Picroside I; Picroside II; Neurite outgrowth activity; Nerve growth factor (NGF); Mitogen-activated protein (MAP) kinase (Li, P. (406) 203)

Peptide

Rabbit; Artery; Phosphoinositide; Phospholipase C; Urotensin II (Opgaard, O.S. (406) 265)

Peroxynitrite

Dinitrobenzene sulfonic acid; Inflammation; Nitric oxide (NO); Poly (ADP-ribose) synthetase; Colon damage; Free radical (Cuzzocrea, S. (406) 127)

pH

Acidosis; ATP; P2X receptor; Purine; Mesenteric arterial bed; Vasoconstriction (Ralevic, V. (406) 99)

P-glycoprotein function, in vivo

Renal failure, acute; P-glycoprotein level; P-glycoprotein-related compound endogenous; Rhodamine 123; Pharmacokinetics (Huang, Z.-H. (406) 453)

P-glycoprotein level

Renal failure, acute; P-glycoprotein function, in vivo; P-glycoprotein-related compound endogenous; Rhodamine 123; Pharmacokinetics (Huang, Z.-H. (406) 453)

P-glycoprotein-related compound endogenous

Renal failure, acute; P-glycoprotein level; P-glycoprotein function, in vivo; Rhodamine 123; Pharmacokinetics (Huang, Z.-H. (406) 453)

Pharmacokinetics

Renal failure, acute; P-glycoprotein level; P-glycoprotein function, in vivo; P-glycoprotein-related compound endogenous; Rhodamine 123 (Huang, Z.-H. (406) 453)

Phenylephrine

Diabetes; Ouabain; Na^+, K^+ -ATPase; Vascular reactivity; Streptozotocin; Nitric oxide; (Rat) (Davel, A.P.C. (406) 419)

Phosphatidylinositol-3-kinase

Wortmannin; Adenosine; Methacholine; 5-HT; Bronchoconstriction; Active sensitisation; Ovalbumin; Brown Norway, rat (Tigani, B. (406) 469)

Phosphodiesterase

Pulmonary circulation; cAMP; cGMP; (Pharmacology); (Cat) (De Witt, B.J. (406) 233)

Phosphoinositide

Rabbit; Artery; Peptide; Phospholipase C; Urotensin II (Opgaard, O.S. (406) 265)

Phospholipase A₂

Melittin; Gap junction; Connexin; Endothelium-derived hyperpolarizing factor (EDHF); Endothelium; Smooth muscle, vascular (Hutcheson, I.R. (406) 239)

Phospholipase C

Rabbit; Artery; Phosphoinositide; Peptide; Urotensin II (Opgaard, O.S. (406) 265)

Phosphoramidon

Endothelin-1; FR139317; BQ-788; Transmural electrical stimulation (Nagayama, T. (406) 69)

Picroside I

Picroside II; Neurite outgrowth activity; Nerve growth factor (NGF); Mitogen-activated protein (MAP) kinase; PC12D cell (Li, P. (406) 203)

Picroside II

Picroside I; Neurite outgrowth activity; Nerve growth factor (NGF); Mitogen-activated protein (MAP) kinase; PC12D cell (Li, P. (406) 203)

Place conditioning

Naloxone; Morphine; Sensitization; NMDA receptor antagonist; Mice (Blokhina, E.A. (406) 227)

Planaria

D2 receptor; UV light (Raffa, R.B. (406) R11)

Platelet aggregation

Angiotensin-converting enzyme; Angiotensin-converting enzyme inhibitor; Endothelial cells, cultured; Umbilical veins, human; Nitric oxide (NO) (Persson, K. (406) 15)

Thrombin; Coagulation; Shear; Bifunctional inhibitor (Taka, T. (406) 181)

Poly (ADP-ribose) synthetase

Dinitrobenzene sulfonic acid; Inflammation; Nitric oxide (NO); Peroxynitrite; Colon damage; Free radical (Cuzzocrea, S. (406) 127)

P₂ purinoceptors

ATP; Feeding behaviour (Kittner, H. (406) R13)

Prazosin

Preconditioning; Angiotensin; Ischaemia; Colchicine (Sharma, A. (406) 85)

Preconditioning

Angiotensin; Ischaemia; Prazosin; Colchicine (Sharma, A. (406) 85)

Prostaglandin

Helicobacter pylori; NSAID; Cyclooxygenase; Gastric ulceration (Takahashi, S. (406) 461)

Wogonin; Flavonoid; Cyclooxygenase; Macrophage (Wakabayashi, I. (406) 477)

Protective effect

Liver, rat; Ischemia–reperfusion; ATP; Bile flow; Glutathione; Antioxidant (Settaf, A. (406) 281)

Protein kinase C

Differentiation; Atherosclerosis; Gene expression; α -tropomyosin; (Rat) (Hirano, K. (406) 209)

Protoporphyrin IX

Benzodiazepine receptor, mitochondrial; δ -Aminolaevulinic acid; Zinc protoporphyrin IX; Aciflourfen; Protoporphyrinogen oxidase (Mesenhöller, M. (406) 171)

Protoporphyrinogen oxidase

Benzodiazepine receptor, mitochondrial; δ -Aminolaevulinic acid; Protoporphyrin IX; Zinc protoporphyrin IX; Aciflourfen (Mesenhöller, M. (406) 171)

Psychostimulant

Dopamine transporter; Amphetamine (Fleckenstein, A.E. (406) 1)

Pulmonary circulation

Phosphodiesterase; cAMP; cGMP; (Pharmacology); (Cat) (De Witt, B.J. (406) 233)

Purine

Acidosis; ATP; P2X receptor; pH; Mesenteric arterial bed; Vasoconstriction (Ralevic, V. (406) 99)

Purkinje fibre

Fluoroquinolones; Sparfloxacin; Moxifloxacin; Grepafloxacin; Ciprofloxacin; Cardiac action potential; (Canine) (Patmore, L. (406) 449)

P2X receptor

Acidosis; ATP; pH; Purine; Mesenteric arterial bed; Vasoconstriction (Ralevic, V. (406) 99)

Pyruvate-oxidation

β_3 -Adrenoceptor agonists; Thermogenesis; Glucose metabolism; Soleus muscle, isolated (Board, M. (406) 33)

QT-prolongation

HERG; Fluoroquinolones; Patch-clamp technique (Bischoff, U. (406) 341)

Rabbit

Artery; Phosphoinositide; Peptide; Phospholipase C; Urotensin II (Opgaard, O.S. (406) 265)

Racemic-flurbiprofen

c-Fos; *S*(+)-flurbiprofen; *R*(-)-flurbiprofen; Noxious heat; Spinal dorsal horn (Buritova, J. (406) 59)

Radical oxygen intermediate

Endocannabinoid; Cytokine (Gallily, R. (406) R5)

Receptor

Glutamate; Metabotropic; Antagonist; 2-Methyl-6-(phenylethynyl)-pyridine (MPEP) (Spooren, W.P.J.M. (406) 403)

Renal failure, acute

P-glycoprotein level; P-glycoprotein function, in vivo; P-glycoprotein-related compound endogenous; Rhodamine 123; Pharmacokinetics (Huang, Z.-H. (406) 453)

Respiratory mechanics

Endothelin; Endothelin ET_A/ET_B receptor antagonist bifunctional; IRL 3630A (Makatani, M. (406) 139)

R(–)-flurbiprofen

c-Fos; Racemic-flurbiprofen; S(+)-flurbiprofen; Noxious heat; Spinal dorsal horn (Buritova, J. (406) 59)

Rhodamine 123

Renal failure, acute; P-glycoprotein level; P-glycoprotein function, in vivo; P-glycoprotein-related compound endogenous; Pharmacokinetics (Huang, Z.-H. (406) 453)

Rho-kinase

Bronchodilator; Y-27632 (Iizuka, K. (406) 273)

Sarafotoxin S6c

Cytokine; Endothelin ET_B receptor; Interleukin-1 β ; Interleukin-6; Interferon- γ ; TNF- α (tumour necrosis factor- α); Vasoactivity (White, L.R. (406) 117)

Sensitization

Naloxone; Morphine; Place conditioning; NMDA receptor antagonist; Mice (Blokina, E.A. (406) 227)

S(+)-flurbiprofen

c-Fos; Racemic-flurbiprofen; R(–)-flurbiprofen; Noxious heat; Spinal dorsal horn (Buritova, J. (406) 59)

Shear

Thrombin; Platelet aggregation; Coagulation; Bifunctional inhibitor (Taka, T. (406) 181)

Sick sinus syndrome

MF 10058; Muscarinic M₂ receptor antagonist; Cardiosensitive muscarinic receptor antagonist; Antibradycardic agent; Bradycardia (Lamperti, G. (406) 93)

SIN-1 (3-Morpholinosydnonimine)

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); Nicorandil; ATP-sensitive, K⁺ channels; Guanylate cyclase; Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-a) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

Smooth muscle, vascular

Melittin; Phospholipase A₂; Gap junction; Connexin; Endothelium-derived hyperpolarizing factor (EDHF); Endothelium (Hutcheson, I.R. (406) 239)

Soleus muscle, isolated

β_3 -Adrenoceptor agonists; Thermogenesis; Pyruvate-oxidation; Glucose metabolism (Board, M. (406) 33)

Sparfloxacin

Fluoroquinolones; Moxifloxacin; Grepafloxacin; Ciprofloxacin; Purkinje fibre; Cardiac action potential; (Canine) (Patmore, L. (406) 449)

Spike-wave discharge

Generalized absence epilepsy; Ca²⁺ channel; WAG/Rij rat; Nimodipine; BAY K8644; Ethosuximide; Genetic model (Van Luijckelaar, G. (406) 381)

Spinal cord

Neuropeptide FF; Morphine; Adenosine; Antinociception (Gouardères, C. (406) 391)

Spinal dorsal horn

c-Fos; Racemic-flurbiprofen; S(+)-flurbiprofen; R(–)-flurbiprofen; Noxious heat (Buritova, J. (406) 59)

Stellate cell

Cirrhosis; Endothelin; Liver; Fibrosis, rat (Gandhi, C.R. (406) 311)

Stimulus pattern

Ca²⁺ channel blocker; Thapsigargin; Acetylcholine release; Neuromuscular junction (Correia-de-Sá, P. (406) 355)

Streptozotocin

Diabetes; Ouabain; Na⁺,K⁺-ATPase; Phenylephrine; Vascular reactivity; Nitric oxide; (Rat) (Davel, A.P.C. (406) 419)

Subarachnoid hemorrhage

Brain ischemia; Erythropoietin (Alafaci, C. (406) 219)

Substance P

Emedastine difumarate; Itch-associated response; Histamine; Leukotriene B₄; 5-HT (5-hydroxytryptamine, Serotonin) (Andoh, T. (406) 149)

Sural nerve

Neuropathy; Colorectal cancer; Dorsal root ganglia; Hippocampal neuron (Adelsberger, H. (406) 25)

TDPA

EAAT; (RS)-2-Amino-3-(3-hydroxy-1,2,5-thiadiazol-4-yl)propionic acid; EAAT2 inhibitor, selective (Bräuner-Osborne, H. (406) 41)

Temperature

Umbilical artery, human; 5-HT (5-hydroxytryptamine, serotonin); Nicorandil; ATP-sensitive, K⁺ channels; SIN-1 (3-Morpholinosydnonimine); Guanylate cyclase; Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-a) quinoxalin-1-one]) (Tiritilli, A. (406) 79)

Thapsigargin

Ca²⁺ channel blocker; Stimulus pattern; Acetylcholine release; Neuromuscular junction (Correia-de-Sá, P. (406) 355)

Thermogenesis

β_3 -Adrenoceptor agonists; Pyruvate-oxidation; Glucose metabolism; Soleus muscle, isolated (Board, M. (406) 33)

Thrombin

Platelet aggregation; Coagulation; Shear; Bifunctional inhibitor (Taka, T. (406) 181)

TNF- α (tumour necrosis factor- α)

Cytokine; Endothelin ET_B receptor; Interleukin-1 β ; Interleukin-6; Interferon- γ ; Sarafotoxin S6c; Vasoactivity (White, L.R. (406) 117)

Transmural electrical stimulation

Endothelin-1; FR139317; BQ-788; Phosphoramidon (Nagayama, T. (406) 69)

Umbilical artery, human

5-HT (5-hydroxytryptamine, serotonin); Nicorandil; ATP-sensitive, K⁺ channels; SIN-1 (3-Morpholinosydnonimine); Guanylate cyclase; Glibenclamide; ODQ ([1-*H*-(1,2,4) Oxadiazole (4,3-a) quinoxalin-1-one]); Temperature (Tiritilli, A. (406) 79)

Umbilical veins, human

Angiotensin-converting enzyme; Angiotensin-converting enzyme inhibitor; Endothelial cells, cultured; Nitric oxide (NO); Platelet aggregation (Persson, K. (406) 15)

Urate uptake

E3040; Brush border membrane vesicle; (Rat) (Yamada, H. (406) 45)

Urotensin II

Rabbit; Artery; Phosphoinositide; Peptide; Phospholipase C (Opgaard, O.S. (406) 265)

UV light

D2 receptor; Planaria (Raffa, R.B. (406) R11)

Vanilloid receptor

Cannabinoid receptor; Anandamide; Capsaicin; Anti-nociception; Behavior; (Mouse) (Di Marzo, V. (406) 363)

Vascular hyporeactivity

Lipopolysaccharide; Ventricular myocyte; Ca^{2+} transient; β -adrenergic stimulation; Nitric oxide (NO) (Shan, Q. (406) 257)

Vascular reactivity

Diabetes; Ouabain; Na^+/K^+ -ATPase; Phenylephrine; Streptozotocin; Nitric oxide; (Rat) (Davel, A.P.C. (406) 419)

Vasoactivity

Cytokine; Endothelin ET_B receptor; Interleukin- 1β ; Interleukin-6; Interferon- γ ; TNF- α (tumour necrosis factor- α); Sarafotoxin S6c (White, L.R. (406) 117)

Vasoconstriction

Acidosis; ATP; P2X receptor; pH; Purine; Mesenteric arterial bed (Ralevic, V. (406) 99)

Ventricular cardiomyocyte, rat

Contractile function; Ca^{2+} channel, L-type; Nitric oxide (NO); Myoglobin (Vulcu, S.D. (406) 247)

Ventricular myocyte

Lipopolysaccharide; Vascular hyporeactivity; Ca^{2+} transient; β -adrenergic stimulation; Nitric oxide (NO) (Shan, Q. (406) 257)

Very low-density lipoprotein

Endothelium-dependent relaxation; Low-density lipoprotein; High-density lipoprotein; Oxysterol (Perségol, L. (406) 429)

WAG/Rij rat

Generalized absence epilepsy; Ca^{2+} channel; Spike-wave discharge; Nimodipine; BAY K8644; Ethosuximide; Genetic model (Van Luijtelaar, G. (406) 381)

Wogonin

Flavonoid; Cyclooxygenase; Prostaglandin; Macrophage (Wakabayashi, I. (406) 477)

Wortmannin

Phosphatidylinositol-3-kinase; Adenosine; Methacholine; 5-HT; Bronchoconstriction; Active sensitisation; Ovalbumin; Brown Norway, rat (Tigani, B. (406) 469)

Y-27632

Bronchodilator; Rho-kinase (Iizuka, K. (406) 273)

Zinc protoporphyrin IX

Benzodiazepine receptor, mitochondrial; δ -Aminolaevulinic acid; Protoporphyrin IX; Aciflourfen; Protoporphyrinogen oxidase (Mesenhöller, M. (406) 171)

Zolpidem

Benzodiazepine; Drug discrimination (Rowlett, J.K. (406) R9)