

Keyword index

A 68930

Dopamine D₁-like and D₂-like receptor; Orofacial movement topography; Dopamine D₁-like receptor, non-cyclase-coupled; Dopamine D₁-like:D₂-like receptor interaction; SK&F 83959; (Mouse) (Tomiyama, K. (418) 47)

AA-861

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β-Phenylethylamine; Dopamine receptor antagonist; Microdialysis; Striatum (Kato, M. (418) 65)

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Angiotensin II

12-Hydroxyicosatetraenoic acid; Hypertension (Takai, S. (418) R1)

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Antinociception

Hypersensitivity; Flexor reflex; δ-Opioid receptor; SNC80; SH378 (Cao, C.Q. (418) 79)

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5-Lipoxygenase; Neurogenesis; AA-861; MK-886; L-655,238 (Uz, T. (418) 15)

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Action potential; Ca²⁺ current, L-type; Ca²⁺ channel; Na⁺ channel; Papillary muscle; Myocyte (Li, S. (418) 7)

Ca²⁺ channel

Azelastine; Action potential; Ca²⁺ current, L-type; Na⁺ channel; Papillary muscle; Myocyte (Li, S. (418) 7)

Ethanol; Alcohol; Skeletal muscle (Oz, M. (418) 169)

Ca²⁺ current, L-type

Azelastine; Action potential; Ca²⁺ channel; Na⁺ channel; Papillary muscle; Myocyte (Li, S. (418) 7)

cAMP

Adenylyl cyclase; Smooth muscle, Vascular; Pulmonary vein (Gao, Y. (418) 111)

Cannabinoid

Sensory neurotransmission; Cardiovascular system; Mesenteric artery (Ralevic, V. (418) 117)

Cardiac troponin T

Ranolazine; Myocardial infarct size; Ischaemia; Reperfusion; (Rat) (Zacharowski, K. (418) 105)

Cardiovascular system

Sensory neurotransmission; Cannabinoid; Mesenteric artery (Ralevic, V. (418) 117)

Carrageenan

Dopaminergic agent; Dopamine D₁ receptor; Dopamine D₂ receptor; Anti-hyperalgesia; Hypoalgesia; Spinal cord (Gao, X. (418) 73)

Central injection

Gastric acid secretion; Opioid receptor type; (Rat) (Ishihara, S. (418) 187)

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Diclofenac; Sildenafil; Synergism; Antinociception (Asomoza-Espinosa, R. (418) 195)

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Cytosensor; Microphysiometer; MGBG (methylglyoxal-bis(guanyldihydrazone)); Cytotoxicity; Polyamine (Ekelund, S. (418) 39)

Compound 48/80

Norbinaltorphimine; Itch; Scratching; κ-Opioid receptor; Histamine (Kamei, J. (418) 141)

Cortex, prefrontal

Noradrenaline; Dopamine; Microdialysis (Kawahara, H. (418) 177)

CP 93129

Cyanopindolol; WAY-100635; Dopamine; Ventral tegmental area; Nucleus accumbens; Microdialysis (Yan, Q.-S. (418) 55)

Cyanopindolol

CP 93129; WAY-100635; Dopamine; Ventral tegmental area; Nucleus accumbens; Microdialysis (Yan, Q.-S. (418) 55)

Cyclooxygenase-2

7HQ derivative; Nitric oxide (NO) synthase, inducible; Macrophage (Huang, Y.C. (418) 133)

Cyclosporine

P-glycoprotein, mdr1; Renal; Nephrotoxicity (Liu, J. (418) 127)

Cytokine

Interleukin-1 β ; Immunity; MDMA (methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); TNF- α (tumour necrosis factor- α) (Connor, T.J. (418) 147)

Cytosensor

Microphysiometer; CHS 828; MGBG (methylglyoxal-bis(guanylhydrazine)); Cytotoxicity; Polyamine (Ekelund, S. (418) 39)

Cytotoxicity

Cytosensor; Microphysiometer; CHS 828; MGBG (methylglyoxal-bis(guanylhydrazine)); Polyamine (Ekelund, S. (418) 39)

Dexamethasone

Histidine decarboxylase; MAP (mitogen-activated protein) kinase; RAW 264.7 cell (Hirasawa, N. (418) 23)

2',4'-Dichlorobenzamil

Na⁺-Ca²⁺ exchange inhibitor; Spermicide, contact (Reddy, P.R. (418) 153)

Diclofenac

Sildenafil; cGMP; Synergism; Antinociception (Asomoza-Espinosa, R. (418) 195)

Dihydropyridine

Neuropeptide Y Y₁ receptor antagonist; H 394/84; Sympathetic; Vasoconstriction (Malmström, R.E. (418) 95)

Dopamine

CP 93129; Cyanopindolol; WAY-100635; Ventral tegmental area; Nucleus accumbens; Microdialysis (Yan, Q.-S. (418) 55)

Noradrenaline; Cortex, prefrontal; Microdialysis (Kawahara, H. (418) 177)

Dopamine D₁-like and D₂-like receptor

Orofacial movement topography; Dopamine D₁-like receptor, non-cyclase-coupled; Dopamine D₁-like:D₂-like receptor interaction; A 68930; SK&F 83959; (Mouse) (Tomiyama, K. (418) 47)

Dopamine D₁-like:D₂-like receptor interaction

Dopamine D₁-like and D₂-like receptor; Orofacial movement topography; Dopamine D₁-like receptor, non-cyclase-coupled; A 68930; SK&F 83959; (Mouse) (Tomiyama, K. (418) 47)

Dopamine D₁-like receptor, non-cyclase-coupled

Dopamine D₁-like and D₂-like receptor; Orofacial movement topography;

Dopamine D₁-like:D₂-like receptor interaction; A 68930; SK&F 83959; (Mouse) (Tomiyama, K. (418) 47)

Dopamine D₁ receptor

Dopaminergic agent; Carrageenan; Dopamine D₂ receptor; Anti-hyperalgesia; Hypoalgesia; Spinal cord (Gao, X. (418) 73)

Dopamine D₂ receptor

Dopaminergic agent; Carrageenan; Dopamine D₁ receptor; Anti-hyperalgesia; Hypoalgesia; Spinal cord (Gao, X. (418) 73)

Dopamine D2 receptor

Amphetamine; Sulpiride; Dopamine receptor antagonist; Microdialysis; Striatum (Jaworski, J.N. (418) 201)

Dopamine receptor antagonist

Acetylcholine; β -Phenylethylamine; Microdialysis; Striatum (Kato, M. (418) 65)

Amphetamine; Dopamine D2 receptor; Sulpiride; Microdialysis; Striatum (Jaworski, J.N. (418) 201)

Dopaminergic agent

Carrageenan; Dopamine D₁ receptor; Dopamine D₂ receptor; Anti-hyperalgesia; Hypoalgesia; Spinal cord (Gao, X. (418) 73)

Ethanol

Ca²⁺ channel; Alcohol; Skeletal muscle (Oz, M. (418) 169)

Evolution

5-HT_{5A} receptor; G protein-coupled receptor; Null; (Human) (Grailhe, R. (418) 157)

Farnesol

Protein kinase C; K_{ATP} channel; Hypercholesterolaemia; Heart, rabbit (Pongo, E. (418) 217)

Flexor reflex

Hypersensitivity; Antinociception; δ -Opioid receptor; SNC80; SH378 (Cao, C.Q. (418) 79)

Forebrain membrane

Morphine tolerance; K⁺ channel, ATP-sensitive; K_{ATP}; [³H]Glibenclamide binding, Sulfonylurea (González, L.G. (418) 29)

Gastric acid secretion

Opioid receptor type; Central injection; (Rat) (Ishihara, S. (418) 187)

Glutamate

Ascorbate; Haloperidol; Striatum; Voltammetry (Teagarden, M.A. (418) 213)

G protein-coupled receptor

5-HT_{5A} receptor; Evolution; Null; (Human) (Grailhe, R. (418) 157)

H 394/84

Neuropeptide Y Y₁ receptor antagonist; Dihydropyridine; Sympathetic; Vasoconstriction (Malmström, R.E. (418) 95)

Haloperidol

Ascorbate; Glutamate; Striatum; Voltammetry (Teagarden, M.A. (418) 213)

Heart, rabbit

Protein kinase C; K_{ATP} channel; Hypercholesterolaemia; Farnesol (Pongo, E. (418) 217)

HepG2 cell

K⁺–Cl[–]-cotransport; *N*-ethylmaleimide; Apoptosis (Kim, J.-A. (418) 1)

[³H]Glibenclamide binding, Sulfonylurea

Morphine tolerance; K⁺ channel, ATP-sensitive; K_{ATP}; Forebrain membrane (González, L.G. (418) 29)

Histamine

Norbinaltorphimine; Itch; Scratching; κ-Opioid receptor; Compound 48/80 (Kamei, J. (418) 141)

Histidine decarboxylase

Dexamethasone; MAP (mitogen-activated protein) kinase; RAW 264.7 cell (Hirasawa, N. (418) 23)

7HQ derivative

Nitric oxide (NO) synthase, inducible; Cyclooxygenase-2; Macrophage (Huang, Y.C. (418) 133)

5-HT (5-hydroxytryptamine, serotonin)

Cytokine; Interleukin-1β; Immunity; MDMA (methylenedioxymethamphetamine); TNF-α (tumour necrosis factor-α) (Connor, T.J. (418) 147)

5-HT_{5A} receptor

G protein-coupled receptor; Evolution; Null; (Human) (Grailhe, R. (418) 157)

12-Hydroxyeicosatetraenoic acid

Angiotensin II; Hypertension (Takai, S. (418) R1)

Hypercholesterolaemia

Protein kinase C; K_{ATP} channel; Farnesol; Heart, rabbit (Pongo, E. (418) 217)

Hypersensitivity

Antinociception; Flexor reflex; δ-Opioid receptor; SNC80; SH378 (Cao, C.Q. (418) 79)

Hypertension

12-Hydroxyeicosatetraenoic acid; Angiotensin II (Takai, S. (418) R1)

Hypoalgesia

Dopaminergic agent; Carrageenan; Dopamine D₁ receptor; Dopamine D₂ receptor; Anti-hyperalgesia; Spinal cord (Gao, X. (418) 73)

Immunity

Cytokine; Interleukin-1β; MDMA (methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); TNF-α (tumour necrosis factor-α) (Connor, T.J. (418) 147)

Indoline-2-one derivative

Systemic cartilage hyperplasia (Kitamura, H. (418) 225)

Interleukin-1β

Cytokine; Immunity; MDMA (methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); TNF-α (tumour necrosis factor-α) (Connor, T.J. (418) 147)

Ischaemia

Ranolazine; Myocardial infarct size; Cardiac troponin T; Reperfusion; (Rat) (Zacharowski, K. (418) 105)

Itch

Norbinaltorphimine; Scratching; κ-Opioid receptor; Histamine; Compound 48/80 (Kamei, J. (418) 141)

K_{ATP}

Morphine tolerance; K⁺ channel, ATP-sensitive; [³H]Glibenclamide binding, Sulfonylurea; Forebrain membrane (González, L.G. (418) 29)

K_{ATP} channel

Protein kinase C; Hypercholesterolaemia; Farnesol; Heart, rabbit (Pongo, E. (418) 217)

K⁺ channel, ATP-sensitive

Morphine tolerance; K_{ATP}; [³H]Glibenclamide binding, Sulfonylurea; Forebrain membrane (González, L.G. (418) 29)

K⁺–Cl[–]-cotransport

N-ethylmaleimide; Apoptosis; HepG2 cell (Kim, J.-A. (418) 1)

K⁺ current

Retinal ischemia; Reperfusion; Adenosine receptor (Sakamoto, K. (418) 89)

L-655,238

5-Lipoxygenase; Neurogenesis; Antisense; AA-861; MK-886 (Uz, T. (418) 15)

Lipopolysaccharide

Macrophage; Anti-inflammatory; NF-κB (nuclear factor-κB) (Corsini, E. (418) 231)

5-Lipoxygenase

Neurogenesis; Antisense; AA-861; MK-886; L-655,238 (Uz, T. (418) 15)

Macrophage

7HQ derivative; Nitric oxide (NO) synthase, inducible; Cyclooxygenase-2 (Huang, Y.C. (418) 133)

Anti-inflammatory; NF-κB (nuclear factor-κB); Lipopolysaccharide (Corsini, E. (418) 231)

MAP (mitogen-activated protein) kinase

Histidine decarboxylase; Dexamethasone; RAW 264.7 cell (Hirasawa, N. (418) 23)

MDMA (methylenedioxymethamphetamine)

Cytokine; Interleukin-1β; Immunity; 5-HT (5-hydroxytryptamine, serotonin); TNF-α (tumour necrosis factor-α) (Connor, T.J. (418) 147)

Mesenteric artery

Sensory neurotransmission; Cannabinoid; Cardiovascular system (Ralevic, V. (418) 117)

MGBG (methylglyoxal-bis(guanyldrazone))

Cytosensor; Microphysiometer; CHS 828; Cytotoxicity; Polyamine (Ekelund, S. (418) 39)

Microdialysis

CP 93129; Cyanopindolol; WAY-100635; Dopamine; Ventral tegmental area; Nucleus accumbens (Yan, Q.-S. (418) 55)

Acetylcholine; β-Phenylethylamine; Dopamine receptor antagonist; Striatum (Kato, M. (418) 65)

Noradrenaline; Dopamine; Cortex, prefrontal (Kawahara, H. (418) 177)

Amphetamine; Dopamine D₂ receptor; Sulpiride; Dopamine receptor antagonist; Striatum (Jaworski, J.N. (418) 201)

Acetylcholine; Prefrontal cortex; Striatum; (±)-3,4-Methylenedioxymethamphetamine (MDMA, ecstasy) (Acquas, E. (418) 207)

Microphysiometer

Cytosensor; CHS 828; MGBG (methylglyoxal-bis(guanylhydrazone)); Cytotoxicity; Polyamine (Ekelund, S. (418) 39)

MK-886

5-Lipoxygenase; Neurogenesis; Antisense; AA-861; L-655,238 (Uz, T. (418) 15)

Morphine tolerance

K⁺ channel, ATP-sensitive; K_{ATP}; [³H]Glibenclamide binding, Sulfonylurea; Forebrain membrane (González, L.G. (418) 29)

Myocardial infarct size

Ranolazine; Cardiac troponin T; Ischaemia; Reperfusion; (Rat) (Zacharowski, K. (418) 105)

Myocyte

Azelastine; Action potential; Ca²⁺ current, L-type; Ca²⁺ channel; Na⁺ channel; Papillary muscle (Li, S. (418) 7)

Na⁺-Ca²⁺ exchange inhibitor

2',4'-Dichlorobenzamil; Spermicide, contact (Reddy, P.R. (418) 153)

Na⁺ channel

Azelastine; Action potential; Ca²⁺ current, L-type; Ca²⁺ channel; Papillary muscle; Myocyte (Li, S. (418) 7)

Nephrotoxicity

Cyclosporine; P-glycoprotein, mdr1; Renal (Liu, J. (418) 127)

N-ethylmaleimide

K⁺-Cl⁻-cotransport; Apoptosis; HepG2 cell (Kim, J.-A. (418) 1)

Neurogenesis

5-Lipoxygenase; Antisense; AA-861; MK-886; L-655,238 (Uz, T. (418) 15)

Neuropeptide Y Y₁ receptor antagonist

Dihydropyridine; H 394/84; Sympathetic; Vasoconstriction (Malmström, R.E. (418) 95)

NF-κB (nuclear factor-κB)

Macrophage; Anti-inflammatory; Lipopolysaccharide (Corsini, E. (418) 231)

Nitric oxide (NO) synthase, inducible

7HQ derivative; Cyclooxygenase-2; Macrophage (Huang, Y.C. (418) 133)

Noradrenaline

Dopamine; Cortex, prefrontal; Microdialysis (Kawahara, H. (418) 177)

Norbinaltorphimine

Itch; Scratching; κ-Opioid receptor; Histamine; Compound 48/80 (Kamei, J. (418) 141)

Nucleus accumbens

CP 93129; Cyanopindolol; WAY-100635; Dopamine; Ventral tegmental area; Microdialysis (Yan, Q.-S. (418) 55)

Null

5-HT_{5A} receptor; G protein-coupled receptor; Evolution; (Human) (Grailhe, R. (418) 157)

δ-Opioid receptor

Hypersensitivity; Antinociception; Flexor reflex; SNC80; SH378 (Cao, C.Q. (418) 79)

κ-Opioid receptor

Norbinaltorphimine; Itch; Scratching; Histamine; Compound 48/80 (Kamei, J. (418) 141)

Opioid receptor type

Gastric acid secretion; Central injection; (Rat) (Ishihara, S. (418) 187)

Orofacial movement topography

Dopamine D₁-like and D₂-like receptor; Dopamine D₁-like receptor, non-cyclase-coupled; Dopamine D₁-like:D₂-like receptor interaction; A 68930; SK & F 83959; (Mouse) (Tomiya, K. (418) 47)

Papillary muscle

Azelastine; Action potential; Ca²⁺ current, L-type; Ca²⁺ channel; Na⁺ channel; Myocyte (Li, S. (418) 7)

P-glycoprotein, mdr1

Cyclosporine; Renal; Nephrotoxicity (Liu, J. (418) 127)

β-Phenylethylamine

Acetylcholine; Dopamine receptor antagonist; Microdialysis; Striatum (Kato, M. (418) 65)

Polyamine

Cytosensor; Microphysiometer; CHS 828; MGBG (methylglyoxal-bis(guanylhydrazone)); Cytotoxicity (Ekelund, S. (418) 39)

Prefrontal cortex

Acetylcholine; Microdialysis; Striatum; (±)-3,4-Methylenedioxymethamphetamine (MDMA, ecstasy) (Acquas, E. (418) 207)

Protein kinase C

K_{ATP} channel; Hypercholesterolaemia; Farnesol; Heart, rabbit (Pongo, E. (418) 217)

Pulmonary vein

cAMP; Adenylyl cyclase; Smooth muscle, Vascular (Gao, Y. (418) 111)

Ranolazine

Myocardial infarct size; Cardiac troponin T; Ischaemia; Reperfusion; (Rat) (Zacharowski, K. (418) 105)

RAW 264.7 cell

Histidine decarboxylase; Dexamethasone; MAP (mitogen-activated protein) kinase (Hirasawa, N. (418) 23)

Renal

Cyclosporine; P-glycoprotein, mdr1; Nephrotoxicity (Liu, J. (418) 127)

Reperfusion

Retinal ischemia; K⁺ current; Adenosine receptor (Sakamoto, K. (418) 89)

Ranolazine; Myocardial infarct size; Cardiac troponin T; Ischaemia; (Rat) (Zacharowski, K. (418) 105)

Retinal ischemia

Reperfusion; K⁺ current; Adenosine receptor (Sakamoto, K. (418) 89)

Scratching

Norbinaltorphimine; Itch; κ-Opioid receptor; Histamine; Compound 48/80 (Kamei, J. (418) 141)

Sensory neurotransmission

Cannabinoid; Cardiovascular system; Mesenteric artery (Ralevic, V. (418) 117)

SH378

Hypersensitivity; Antinociception; Flexor reflex; δ -Opioid receptor; SNC80 (Cao, C.Q. (418) 79)

Sildenafil

Diclofenac; cGMP; Synergism; Antinociception (Asomoza-Espinosa, R. (418) 195)

Skeletal muscle

Ca^{2+} channel; Ethanol; Alcohol (Oz, M. (418) 169)

SK & F 83959

Dopamine D_1 -like and D_2 -like receptor; Orofacial movement topography; Dopamine D_1 -like receptor, non-cyclase-coupled; Dopamine D_1 -like: D_2 -like receptor interaction; A 68930; (Mouse) (Tomiyama, K. (418) 47)

Smooth muscle, Vascular

cAMP; Adenylyl cyclase; Pulmonary vein (Gao, Y. (418) 111)

SNC80

Hypersensitivity; Antinociception; Flexor reflex; δ -Opioid receptor; SH378 (Cao, C.Q. (418) 79)

Spermicide, contact

2',4'-Dichlorobenzamil; $\text{Na}^+ - \text{Ca}^{2+}$ exchange inhibitor (Reddy, P.R. (418) 153)

Spinal cord

Dopaminergic agent; Carrageenan; Dopamine D_1 receptor; Dopamine D_2 receptor; Anti-hyperalgesia; Hypoalgesia (Gao, X. (418) 73)

Striatum

Acetylcholine; β -Phenylethylamine; Dopamine receptor antagonist; Microdialysis (Kato, M. (418) 65)

Amphetamine; Dopamine D_2 receptor; Sulpiride; Dopamine receptor antagonist; Microdialysis (Jaworski, J.N. (418) 201)

Acetylcholine; Microdialysis; Prefrontal cortex; $(\pm)$ -3,4-Methylenedioxymethamphetamine (MDMA, ecstasy) (Acquas, E. (418) 207)

Ascorbate; Glutamate; Haloperidol; Voltammetry (Teagarden, M.A. (418) 213)

Sulpiride

Amphetamine; Dopamine D_2 receptor; Dopamine receptor antagonist; Microdialysis; Striatum (Jaworski, J.N. (418) 201)

Sympathetic

Neuropeptide Y Y_1 receptor antagonist; Dihydropyridine; H 394/84; Vasoconstriction (Malmström, R.E. (418) 95)

Synergism

Diclofenac; Sildenafil; cGMP; Antinociception (Asomoza-Espinosa, R. (418) 195)

Systemic cartilage hyperplasia

Indoline-2-one derivative (Kitamura, H. (418) 225)

TNF- α (tumour necrosis factor- α)

Cytokine; Interleukin- 1β ; Immunity; MDMA (methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin) (Connor, T.J. (418) 147)

Vasoconstriction

Neuropeptide Y Y_1 receptor antagonist; Dihydropyridine; H 394/84; Sympathetic (Malmström, R.E. (418) 95)

Ventral tegmental area

CP 93129; Cyanopindolol; WAY-100635; Dopamine; Nucleus accumbens; Microdialysis (Yan, Q.-S. (418) 55)

Voltammetry

Ascorbate; Glutamate; Haloperidol; Striatum (Teagarden, M.A. (418) 213)

WAY-100635

CP 93129; Cyanopindolol; Dopamine; Ventral tegmental area; Nucleus accumbens; Microdialysis (Yan, Q.-S. (418) 55)