

Keyword index

ACEA-1328

Antinociception; Tolerance; NMDA receptor/glycine site; U50,488H; Tail flick test (Lutfy, K. (384) 1)

Acetylcholine

Cytochrome *P*450 inhibitor; Endothelium; 18 α -glycyrrhetic acid; K⁺ channel blocker; Nitro L-arginine (Fujimoto, S. (384) 7)

Adenosine A₁ receptor

Kidney; 1,3-dipropyl-8-cyclopentylxanthine; Autoradiography; Dietary NaCl (Smith, J.A. (384) 71)

Adenosine deaminase

Antinociception; Anti-inflammatory; Adenosine kinase (Poon, A. (384) 121)

Adenosine kinase

Antinociception; Anti-inflammatory; Adenosine deaminase (Poon, A. (384) 121)

Adenylyl cyclase

Myocardium; β -Adrenoceptor; Norepinephrine; Heart failure (Dong, E. (384) 17)

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Isatin; Natriuretic peptide receptor; Guanylyl cyclase, Particulate (Medvedev, A. (384) 237)

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Prostate stroma; (Guinea-pig) (Pennefather, J.N. (384) 25)

α_1 -Adrenoceptor

Hepatocyte; Liver gene expression (González-Espinosa, C. (384) 229)

β -Adrenoceptor

Myocardium; Norepinephrine; Adenylyl cyclase; Heart failure (Dong, E. (384) 17)

Aggregation

Eosinophil; Arachidonic acid; Signal transduction; Leukotriene B₄; Phospholipase A₂; 5-Lipoxygenase (Teixeira, M.M. (384) 181)

18 α -glycyrrhetic acid

Acetylcholine; Cytochrome *P*450 inhibitor; Endothelium; K⁺ channel blocker; Nitro L-arginine (Fujimoto, S. (384) 7)

Airway

Nucleotide; Ap4A; P2D receptor (Saleh, A. (384) 91)

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Brain neurosteroid; Sardinian alcohol-preferring (sP) and -non-preferring (sNP) rat (Barbaccia, M.L. (384) R1)

Alcohol-preference

AMPA ((S)- α -amino-3-hydroxy-5-methyl-4-isoxazolepropionate); AMPA receptor; Up-regulation; Ethanol (Chen, F. (384) 137)

AMPA receptor

AMPA ((S)- α -amino-3-hydroxy-5-methyl-4-isoxazolepropionate); Up-regulation; Ethanol; Alcohol-preference (Chen, F. (384) 137)

AMPA ((S)- α -amino-3-hydroxy-5-methyl-4-isoxazolepropionate)

AMPA receptor; Up-regulation; Ethanol; Alcohol-preference (Chen, F. (384) 137)

Analgesia

Δ^9 -Tetrahydrocannabinol; SR 141716A; S(–)-Sulpiride; S(–)-Raclopride; (–)-Quinpirole; (+)-Bromocriptine; Dopamine (Carta, G. (384) 151)

Anesthetic volatile

G-protein; Guanine nucleotide; G α subunit (Pentyala, S.N. (384) 211)

Angiotensin AT₁ receptor

Angiotensin II; Inositol trisphosphate; Irbesartan; Peripheral tissue (Hines, J. (384) 81)

Angiotensin II

Angiotensin AT₁ receptor; Inositol trisphosphate; Irbesartan; Peripheral tissue (Hines, J. (384) 81)

Angiotensin II receptor

Mesangial cell; Angiotensin II receptor antagonist; Dexamethasone; (Rat) (Chansel, D. (384) 221)

Angiotensin II receptor antagonist

Angiotensin II receptor; Mesangial cell; Dexamethasone; (Rat) (Chansel, D. (384) 221)

Annexin V

H₂O₂; Ca²⁺; Thymocyte (Oyama, Y. (384) 47)

Anti-inflammatory

Antinociception; Adenosine kinase; Adenosine deaminase (Poon, A. (384) 121)

Antinociception

Tolerance; NMDA receptor/glycine site; ACEA-1328; U50,488H; Tail flick test (Lutfy, K. (384) 1)

Anti-inflammatory; Adenosine kinase; Adenosine deaminase (Poon, A. (384) 121)

K⁺ channel, ATP-gated; Opioid; Antisense liganucleotide; Intracerebroventricular; (Mouse) (Lohmann, A.B. (384) 145)

Antiplatelet activity

FR171113; Thrombin; Thrombin receptor (Kato, Y. (384) 195)

Antisense liganucleotide

K⁺ channel, ATP-gated; Opioid; Antinociception; Intracerebroventricular; (Mouse) (Lohmann, A.B. (384) 145)

Ap4A

Nucleotide; P2D receptor; Airway (Saleh, A. (384) 91)

Arachidonic acid

Eosinophil; Aggregation; Signal transduction; Leukotriene B₄; Phospholipase A₂; 5-Lipoxygenase (Teixeira, M.M. (384) 181)

ATP-sensitive

K⁺ channel opener; Patch clamp; K⁺ channel; Ca²⁺ mobilization (Morita, H. (384) 201)

Autoradiography

Kidney; Adenosine A₁ receptor; 1,3-dipropyl-8-cyclopentylxanthine; Dietary NaCl (Smith, J.A. (384) 71)

S15535; (+)-8-Hydroxy-dipropyl-aminotetralin; [³⁵S]GTPγS; 5-HT_{1A} receptor; G-protein (Newman-Tancredi, A. (384) 109)

Behaviour

Neuroleptic-induced supersensitivity; Quinpirole; Prazosin (Obuchowicz, E. (384) 99)

BIIE0246

Neuropeptide Y; Neuropeptide Y Y₂ receptor antagonist (Doods, H. (384) R3)

BQ-788

Endothelin ET_B receptor; Tail artery, rat; Electrical stimulation (García-Villalón, A.L. (384) 161)

Brain neurosteroid

Alcohol; Sardinian alcohol-preferring (sP) and -non-preferring (sNP) rat (Barbaccia, M.L. (384) R1)

(+)-Bromocriptine

Analgesia; Δ⁹-Tetrahydrocannabinol; SR 141716A; S(−)-Sulpiride; S(−)-Raclopride; (−)-Quinpirole; Dopamine (Carta, G. (384) 151)

Ca²⁺

Annexin V; H₂O₂; Thymocyte (Oyama, Y. (384) 47)

PC12 cell; NGF; Cell death; Neurite (Dispersyn, G. (384) 61)

Ca²⁺ channel blocker

5-Hydroxytryptamine (5-HT), serotonin; Endothelial cell, rat; Permeability; Ca²⁺ concentration, intracellular; Phospholipase C inhibitor (Lee, H.-Z. (384) 53)

Ca²⁺ concentration, intracellular

5-Hydroxytryptamine (5-HT), serotonin; Endothelial cell, rat; Permeability; Phospholipase C inhibitor; Ca²⁺ channel blocker (Lee, H.-Z. (384) 53)

Calpain

Proteasome; Ischemia/reperfusion; Renal failure, acute (Takaoka, M. (384) 43)

Ca²⁺ mobilization

K⁺ channel opener; Patch clamp; K⁺ channel; ATP-sensitive (Morita, H. (384) 201)

Cannabinoid

Defaecation; Small intestine; Intestinal motility; Intestinal secretion; Diarrhoea (Izzo, A.A. (384) 37)

Cell death

Ca²⁺; PC12 cell; NGF; Neurite (Dispersyn, G. (384) 61)

CGP 49823

CGP 55000; CP 99,994; MEN 10,627; Mucus; Tachykinin; Tachykinin receptor; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

CGP 55000

CGP 49823; CP 99,994; MEN 10,627; Mucus; Tachykinin; Tachykinin receptor; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

CP 99,994

CGP 49823; CGP 55000; MEN 10,627; Mucus; Tachykinin; Tachykinin receptor; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

Curcumin

Interleukin-12; Macrophage; Nuclear factor κB (Kang, B.Y. (384) 189)

Cytochrome P450 inhibitor

Acetylcholine; Endothelium; 18α-glycyrrhetic acid; K⁺ channel blocker; Nitro L-arginine (Fujimoto, S. (384) 7)

Defaecation

Cannabinoid; Small intestine; Intestinal motility; Intestinal secretion; Diarrhoea (Izzo, A.A. (384) 37)

Dexamethasone

Angiotensin II receptor; Mesangial cell; Angiotensin II receptor antagonist; (Rat) (Chansel, D. (384) 221)

Diarrhoea

Cannabinoid; Defaecation; Small intestine; Intestinal motility; Intestinal secretion (Izzo, A.A. (384) 37)

Dietary NaCl

Kidney; Adenosine A₁ receptor; 1,3-dipropyl-8-cyclopentylxanthine; Autoradiography (Smith, J.A. (384) 71)

1,3-dipropyl-8-cyclopentylxanthine

Kidney; Adenosine A₁ receptor; Autoradiography; Dietary NaCl (Smith, J.A. (384) 71)

Dopamine

Analgesia; Δ⁹-Tetrahydrocannabinol; SR 141716A; S(−)-Sulpiride; S(−)-Raclopride; (−)-Quinpirole; (+)-Bromocriptine (Carta, G. (384) 151)

Electrical stimulation

Endothelin ET_B receptor; Tail artery, rat; BQ-788 (García-Villalón, A.L. (384) 161)

Endothelial cell, rat

5-Hydroxytryptamine (5-HT), serotonin; Permeability; Ca²⁺ concentration, intracellular; Phospholipase C inhibitor; Ca²⁺ channel blocker (Lee, H.-Z. (384) 53)

Endothelin ET_B receptor

Tail artery, rat; BQ-788; Electrical stimulation (García-Villalón, A.L. (384) 161)

Endothelium

Acetylcholine; Cytochrome P450 inhibitor; 18α-glycyrrhetic acid; K⁺ channel blocker; Nitro L-arginine (Fujimoto, S. (384) 7)

Eosinophil

Aggregation; Arachidonic acid; Signal transduction; Leukotriene B₄; Phospholipase A₂; 5-Lipoxygenase (Teixeira, M.M. (384) 181)

Ethanol

AMPA ((S)-α-amino-3-hydroxy-5-methyl-4-isoxazolepropionate); AMPA receptor; Up-regulation; Alcohol-preference (Chen, F. (384) 137)

FR171113

Thrombin; Thrombin receptor; Antiplatelet activity (Kato, Y. (384) 195)

Gα subunit

Anesthetic volatile; G-protein; Guanine nucleotide (Pentyala, S.N. (384) 211)

Glomerular filtration

NKH477; Renal nerve; Urinary Na⁺ excretion; (Dog) (Tanahashi, M. (384) 31)

G-protein

S15535; (+)-8-Hydroxy-dipropyl-aminotetralin; [³⁵S]GTPγS; Autoradiography; 5-HT_{1A} receptor (Newman-Tancredi, A. (384) 109)

Anesthetic volatile; Guanine nucleotide; Gα subunit (Pentyala, S.N. (384) 211)

Guanine nucleotide

Anesthetic volatile; G-protein; Gα subunit (Pentyala, S.N. (384) 211)

Guanylyl cyclase, Particulate

Isatin; Natriuretic peptide receptor; Adenylylimidodiphosphate (AMP-PNP) (Medvedev, A. (384) 237)

Heart

Peroxynitrite; Ischaemia–reperfusion arrhythmia; Urate; (Rat) (Altuğ, S. (384) 155)

Heart failure

Myocardium; β-Adrenoceptor; Norepinephrine; Adenylyl cyclase (Dong, E. (384) 17)

Hepatocyte

α₁-Adrenoceptor; Liver gene expression (González-Espinosa, C. (384) 229)

H₂O₂

Annexin V; Ca²⁺; Thymocyte (Oyama, Y. (384) 47)

5-HT_{1A} receptor

S15535; (+)-8-Hydroxy-dipropyl-aminotetralin; [³⁵S]GTPγS; Autoradiography; G-protein (Newman-Tancredi, A. (384) 109)

(+)-8-Hydroxy-dipropyl-aminotetralin

S15535; [³⁵S]GTPγS; Autoradiography; 5-HT_{1A} receptor; G-protein (Newman-Tancredi, A. (384) 109)

5-Hydroxytryptamine (5-HT), serotonin

Endothelial cell, rat; Permeability; Ca²⁺ concentration, intracellular; Phospholipase C inhibitor; Ca²⁺ channel blocker (Lee, H.-Z. (384) 53)

Inositol trisphosphate

Angiotensin II; Angiotensin AT₁ receptor; Irbesartan; Peripheral tissue (Hines, J. (384) 81)

Interleukin-12

Curcumin; Macrophage; Nuclear factor κB (Kang, B.Y. (384) 189)

Intestinal motility

Cannabinoid; Defaecation; Small intestine; Intestinal secretion; Diarrhoea (Izzo, A.A. (384) 37)

Intestinal secretion

Cannabinoid; Defaecation; Small intestine; Intestinal motility; Diarrhoea (Izzo, A.A. (384) 37)

Intracerebroventricular

K⁺ channel, ATP-gated; Opioid; Antinociception; Antisense ligonucleotide; (Mouse) (Lohmann, A.B. (384) 145)

Irbesartan

Angiotensin II; Angiotensin AT₁ receptor; Inositol trisphosphate; Peripheral tissue (Hines, J. (384) 81)

Isatin

Natriuretic peptide receptor; Guanylyl cyclase, Particulate; Adenylylimidodiphosphate (AMP-PNP) (Medvedev, A. (384) 237)

Ischaemia–reperfusion arrhythmia

Peroxynitrite; Heart; Urate; (Rat) (Altuğ, S. (384) 155)

Ischemia/reperfusion

Proteasome; Calpain; Renal failure, acute (Takaoka, M. (384) 43)

K⁺ channel

K⁺ channel opener; Patch clamp; ATP-sensitive; Ca²⁺ mobilization (Morita, H. (384) 201)

K⁺ channel, ATP-gated

Opioid; Antinociception; Antisense ligonucleotide; Intracerebroventricular; (Mouse) (Lohmann, A.B. (384) 145)

K⁺ channel blocker

Acetylcholine; Cytochrome P450 inhibitor; Endothelium; 18α-glycyrrhetic acid; Nitro L-arginine (Fujimoto, S. (384) 7)

K⁺ channel opener

Patch clamp; K⁺ channel; ATP-sensitive; Ca²⁺ mobilization (Morita, H. (384) 201)

Kidney

Adenosine A₁ receptor; 1,3-dipropyl-8-cyclopentylxanthine; Autoradiography; Dietary NaCl (Smith, J.A. (384) 71)

Leukotriene B₄

Eosinophil; Aggregation; Arachidonic acid; Signal transduction; Phospholipase A₂; 5-Lipoxygenase (Teixeira, M.M. (384) 181)

5-Lipoxygenase

Eosinophil; Aggregation; Arachidonic acid; Signal transduction; Leukotriene B₄; Phospholipase A₂ (Teixeira, M.M. (384) 181)

Liver gene expression

α₁-Adrenoceptor; Hepatocyte (González-Espinosa, C. (384) 229)

Macrophage

Curcumin; Interleukin-12; Nuclear factor κB (Kang, B.Y. (384) 189)

MEN 10,627

CGP 49823; CGP 55000; CP 99,994; Mucus; Tachykinin; Tachykinin receptor; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

Mesangial cell

Angiotensin II receptor; Angiotensin II receptor antagonist; Dexamethasone; (Rat) (Chansel, D. (384) 221)

Mucus

CGP 49823; CGP 55000; CP 99,994; MEN 10,627; Tachykinin; Tachykinin receptor; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

Myocardium

β -Adrenoceptor; Norepinephrine; Adenylyl cyclase; Heart failure (Dong, E. (384) 17)

Natriuretic peptide receptor

Isatin; Guanylyl cyclase, Particulate; Adenylylimidodiphosphate (AMP-PNP) (Medvedev, A. (384) 237)

Neurite

Ca^{2+} ; PC12 cell; NGF; Cell death (Dispersyn, G. (384) 61)

Neuroleptic-induced supersensitivity

Behaviour; Quinpirole; Prazosin (Obuchowicz, E. (384) 99)

Neuropeptide Y Y_2 receptor antagonist

Neuropeptide Y; BIIE0246 (Doods, H. (384) R3)

Neuropeptide Y

Neuropeptide Y Y_2 receptor antagonist; BIIE0246 (Doods, H. (384) R3)

NGF

Ca^{2+} ; PC12 cell; Cell death; Neurite (Dispersyn, G. (384) 61)

Nitric oxide (NO)

L-S-Nitrosocysteine; Thiol residue; Vasodilation; (Rat) (Hoque, A. (384) 167)

Nitro L-arginine

Acetylcholine; Cytochrome P450 inhibitor; Endothelium; 18 α -glycyrrhetic acid; K^+ channel blocker (Fujimoto, S. (384) 7)

NKH477

Renal nerve; Glomerular filtration; Urinary Na^+ excretion; (Dog) (Tanahashi, M. (384) 31)

NMDA receptor / glycine site

Antinociception; Tolerance; ACEA-1328; U50,488H; Tail flick test (Lutfy, K. (384) 1)

Norepinephrine

Myocardium; β -Adrenoceptor; Adenylyl cyclase; Heart failure (Dong, E. (384) 17)

Nuclear factor κB

Curcumin; Interleukin-12; Macrophage (Kang, B.Y. (384) 189)

Nucleotide

Ap4A; P2D receptor; Airway (Saleh, A. (384) 91)

Opioid

K^+ channel, ATP-gated; Antinociception; Antisense liganucleotide; Intracerebroventricular; (Mouse) (Lohmann, A.B. (384) 145)

Patch clamp

K^+ channel opener; K^+ channel; ATP-sensitive; Ca^{2+} mobilization (Morita, H. (384) 201)

PC12 cell

Ca^{2+} ; NGF; Cell death; Neurite (Dispersyn, G. (384) 61)

P2D receptor

Nucleotide; Ap4A; Airway (Saleh, A. (384) 91)

Peripheral tissue

Angiotensin II; Angiotensin AT_1 receptor; Inositol trisphosphate; Irbesartan (Hines, J. (384) 81)

Permeability

5-Hydroxytryptamine (5-HT), serotonin; Endothelial cell, rat; Ca^{2+} concentration, intracellular; Phospholipase C inhibitor; Ca^{2+} channel blocker (Lee, H.-Z. (384) 53)

Peroxyinitrite

Ischaemia–reperfusion arrhythmia; Heart; Urate; (Rat) (Altuğ, S. (384) 155)

Phospholipase A_2

Eosinophil; Aggregation; Arachidonic acid; Signal transduction; Leukotriene B_4 ; 5-Lipoxygenase (Teixeira, M.M. (384) 181)

Phospholipase C inhibitor

5-Hydroxytryptamine (5-HT), serotonin; Endothelial cell, rat; Permeability; Ca^{2+} concentration, intracellular; Ca^{2+} channel blocker (Lee, H.-Z. (384) 53)

Prazosin

Neuroleptic-induced supersensitivity; Behaviour; Quinpirole (Obuchowicz, E. (384) 99)

Prostate stroma

$\alpha_{1\text{L}}$ -Adrenoceptor; (Guinea-pig) (Pennefather, J.N. (384) 25)

Proteasome

Calpain; Ischemia/reperfusion; Renal failure, acute (Takaoka, M. (384) 43)

Quinpirole

Neuroleptic-induced supersensitivity; Behaviour; Prazosin (Obuchowicz, E. (384) 99)

(–)-Quinpirole

Analgesia; Δ^9 -Tetrahydrocannabinol; SR 141716A; S(–)-Sulpiride; S(–)-Raclopride; (+)-Bromocriptine; Dopamine (Carta, G. (384) 151)

Renal failure, acute

Proteasome; Calpain; Ischemia/reperfusion (Takaoka, M. (384) 43)

Renal nerve

NKH477; Glomerular filtration; Urinary Na^+ excretion; (Dog) (Tanahashi, M. (384) 31)

S15535

(+)-8-Hydroxy-dipropyl-aminotetralin; [^{35}S]GTP γS ; Autoradiography; 5-HT $_{1\text{A}}$ receptor; G-protein (Newman-Tancredi, A. (384) 109)

Sardinian alcohol-preferring (sP) and -non-preferring (sNP) rat

Brain neurosteroid; Alcohol (Barbaccia, M.L. (384) R1)

[^{35}S]GTP γS

S15535; (+)-8-Hydroxy-dipropyl-aminotetralin; Autoradiography; 5-HT $_{1\text{A}}$ receptor; G-protein (Newman-Tancredi, A. (384) 109)

Signal transduction

Eosinophil; Aggregation; Arachidonic acid; Leukotriene B_4 ; Phospholipase A_2 ; 5-Lipoxygenase (Teixeira, M.M. (384) 181)

Small intestine

Cannabinoid; Defaecation; Intestinal motility; Intestinal secretion; Diarrhoea (Izzo, A.A. (384) 37)

L-S-Nitrosocysteine

Nitric oxide (NO); Thiol residue; Vasodilation; (Rat) (Hoque, A. (384) 167)

SR 141716A

Analgesia; Δ^9 -Tetrahydrocannabinol; S(–)-Sulpiride; S(–)-Raclopride; (–)-Quinpirole; (+)-Bromocriptine; Dopamine (Carta, G. (384) 151)

S(–)-Raclopride

Analgesia; Δ^9 -Tetrahydrocannabinol; SR 141716A; S(–)-Sulpiride; (–)-Quinpirole; (+)-Bromocriptine; Dopamine (Carta, G. (384) 151)

S(–)-Sulpiride

Analgesia; Δ^9 -Tetrahydrocannabinol; SR 141716A; S(–)-Raclopride; (–)-Quinpirole; (+)-Bromocriptine; Dopamine (Carta, G. (384) 151)

Tachykinin

CGP 49823; CGP 55000; CP 99,994; MEN 10,627; Mucus; Tachykinin receptor; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

Tachykinin receptor

CGP 49823; CGP 55000; CP 99,994; MEN 10,627; Mucus; Tachykinin; Tachykinin receptor antagonist (Khawaja, A.M. (384) 171)

Tachykinin receptor antagonist

CGP 49823; CGP 55000; CP 99,994; MEN 10,627; Mucus; Tachykinin; Tachykinin receptor (Khawaja, A.M. (384) 171)

Tail artery, rat

Endothelin ET_B receptor; BQ-788; Electrical stimulation (García-Villalón, A.L. (384) 161)

Tail flick test

Antinociception; Tolerance; NMDA receptor/glycine site; ACEA-1328; U50,488H (Lutfy, K. (384) 1)

 Δ^9 -Tetrahydrocannabinol

Analgesia; SR 141716A; S(–)-Sulpiride; S(–)-Raclopride; (–)-Quinpirole; (+)-Bromocriptine; Dopamine (Carta, G. (384) 151)

Thiol residue

L-S-Nitrosocysteine; Nitric oxide (NO); Vasodilation; (Rat) (Hoque, A. (384) 167)

Thrombin

FR171113; Thrombin receptor; Antiplatelet activity (Kato, Y. (384) 195)

Thrombin receptor

FR171113; Thrombin; Antiplatelet activity (Kato, Y. (384) 195)

Thymocyte

Annexin V; H₂O₂; Ca²⁺ (Oyama, Y. (384) 47)

Tolerance

Antinociception; NMDA receptor/glycine site; ACEA-1328; U50,488H; Tail flick test (Lutfy, K. (384) 1)

U50,488H

Antinociception; Tolerance; NMDA receptor/glycine site; ACEA-1328; Tail flick test (Lutfy, K. (384) 1)

Up-regulation

AMPA ((S)- α -amino-3-hydroxy-5-methyl-4-isoxazolepropionate); AMPA receptor; Ethanol; Alcohol-preference (Chen, F. (384) 137)

Urate

Peroxynitrite; Ischaemia–reperfusion arrhythmia; Heart; (Rat) (Altuğ, S. (384) 155)

Urinary Na⁺ excretion

NKH477; Renal nerve; Glomerular filtration; (Dog) (Tanahashi, M. (384) 31)

Vasodilation

L-S-Nitrosocysteine; Nitric oxide (NO); Thiol residue; (Rat) (Hoque, A. (384) 167)