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ACTH (adrenocorticotrophic hormone)

CRF receptor; CRA1000; Immobilization stress; Corticosterone (Ohata, H. (457) 201)

Acute respiratory distress syndrome

Partial liquid ventilation; Aerosol; Selectin; ICAM-1 (intercellular adhesion molecule-1) (Schoof, E. (457) 195)

$\alpha_{2A/D}$ -Adrenoceptor knockout

(Mouse, anaesthetised); α_2 -Adrenoceptor; MDMA (methylenedioxymethamphetamine) (Vandeputte, C. (457) 45)

Adenosine receptor

2-CI-IB-MECA; Histamine; Pyrilamine; Cytokine modulation (Smith, S.R. (457) 57)

Adrenaline plasma

Vasopressin; Cyclooxygenase, brain; Vasopressin V_1 receptor, brain; Noradrenaline, plasma; Sympatho-adrenomedullary outflow (Okada, S. (457) 29)

β_2 -Adrenoceptor

(Guinea pig); Molecular cloning; Radioligand binding; cAMP; Single nucleotide polymorphism (Oostendorp, J. (457) 1)

α_2 -Adrenoceptor

(Mouse, anaesthetised); $\alpha_{2A/D}$ -Adrenoceptor knockout; MDMA (methylenedioxymethamphetamine) (Vandeputte, C. (457) 45)

β -Adrenoceptor antagonist

Endothelin-1; Signal transduction; TGF- β_1 (transforming growth factor- β_1) (Tsubokou, Y. (457) 85)

Adrenomedullin

Aerosol; Lung fibrosis; TGF- β_1 (transforming growth factor- β_1); Interleukin-1 β (von der Hardt, K. (457) 71)

Aerosol

Adrenomedullin; Lung fibrosis; TGF- β_1 (transforming growth factor- β_1); Interleukin-1 β (von der Hardt, K. (457) 71)

Partial liquid ventilation; Acute respiratory distress syndrome; Selectin; ICAM-1 (intercellular adhesion molecule-1) (Schoof, E. (457) 195)

Akt

β -Amyloid; Alzheimer's disease; MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide); Long-term potentiation; Hippocampus; RS-0466 (Nakagami, Y. (457) 11)

Alzheimer's disease

β -Amyloid; MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide); Akt; Long-term potentiation; Hippocampus; RS-0466 (Nakagami, Y. (457) 11)

β -Amyloid

Alzheimer's disease; MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide); Akt; Long-term potentiation; Hippocampus; RS-0466 (Nakagami, Y. (457) 11)

Animal model

Cannabinoid CB $_1$ receptor; Drug discrimination; Neuroprotectant; (Rat) (De Vry, J. (457) 147)

Antiarrhythmic agent

Ion channel; Voltage dependence; Frequency dependence (Kushida, S. (457) 19)

Antidepressant

5-HT (5-hydroxytryptamine, serotonin); Triiodothyronine; 5-HT $_{1A}$ receptor; 5-HT $_{1B}$ receptor (Gur, E. (457) 37)

Anti-oxidant

Dopamine receptor agonist; Neurodegeneration; Parkinson's disease; Neuroprotection (Lombardi, G. (457) 95)

Atria, rat

Relaxin; (INSL3) Insulin-like peptide 3; Chronotropic; Inotropic; Receptor autoradiography (Tan, Y.Y. (457) 153)

Behavior

Tree shrew; Stress; Corticosteroid; Glucocorticoid receptor; 5-HT $_{1A}$ receptor (Van Kampen, M. (457) 207)

Bile acid

Inositol phosphate formation; MAP (mitogen activated protein) kinase (p44/p42) phosphorylation; Molecular modeling; Muscarinic receptor; Radioligand binding (Raufman, J.-P. (457) 77)

Bile pigment

Heme oxygenase-2; Biliverdin reductase; Carbon monoxide; Nitric oxide relaxation; Gastric fundus, pig (Colpaert, E.E. (457) 177)

Biliverdin reductase

Heme oxygenase-2; Bile pigment; Carbon monoxide; Nitric oxide relaxation; Gastric fundus, pig (Colpaert, E.E. (457) 177)

Bisphosphonate

Osteoporosis; Ovariectomy; Bone mineral density; Deoxyypyridinoline (Teramura, K. (457) 51)

Blood-brain barrier disruption

Cerebral ischemia, transient focal; Neurological deficit; Nitric oxide (NO); L-Name (N^G -nitro-L-arginine-methylester) (Ding-Zhou, L. (457) 137)

Bone mineral density

Bisphosphonate; Osteoporosis; Ovariectomy; Deoxyypyridinoline (Teramura, K. (457) 51)

Bradykinin B₁ receptor

Insulin-dependent diabetes mellitus; Hyperalgesia; Kinin; Des-Arg⁹-bradykinin; Bradykinin B₁ receptor antagonist; R-715; R-954 (Gabra, B.H. (457) 115)

Bradykinin B₁ receptor antagonist

Insulin-dependent diabetes mellitus; Hyperalgesia; Kinin; Bradykinin B₁ receptor; Des-Arg⁹-bradykinin; R-715; R-954 (Gabra, B.H. (457) 115)

CA1 area

Hippocampus; Nitric oxide (NO); Learning; Long-term potentiation; (Rat) (Hölscher, C. (457) 99)

cAMP

(Guinea pig); β_2 -Adrenoceptor; Molecular cloning; Radioligand binding; Single nucleotide polymorphism (Oostendorp, J. (457) 1)

Cannabinoid CB₁ receptor

Animal model; Drug discrimination; Neuroprotectant; (Rat) (De Vry, J. (457) 147)

Carbon monoxide

Heme oxygenase-2; Biliverdin reductase; Bile pigment; Nitrgenic relaxation; Gastric fundus, pig (Colpaert, E.E. (457) 177)

Cerebral ischemia, transient focal

Neurological deficit; Blood–brain barrier disruption; Nitric oxide (NO); L-Name (*N*⁶-nitro-L-arginine-methylester) (Ding-Zhou, L. (457) 137)

Cholecystokinin

Evodiamine; Gastrointestinal motility; Devazepide; Lorglumide; L-365,260 (Wu, C.-L. (457) 169)

Chronotropic

Relaxin; (INSL3) Insulin-like peptide 3; Atria, rat; Inotropic; Receptor autoradiography (Tan, Y.Y. (457) 153)

2-Cl-IB-MECA

Histamine; Pyrilamine; Adenosine receptor; Cytokine modulation (Smith, S.R. (457) 57)

Cl[−] secretion

Gossypol; Colon; Mucus; Tight junction (Kuhn, G. (457) 187)

Colon

Gossypol; Cl[−] secretion; Mucus; Tight junction (Kuhn, G. (457) 187)

Coronary flow

Endothelium-dependent vasodilatation; Coronary vasoconstriction; Coronary vasodilatation; Coronary vasodilator reserve (Fernández, N. (457) 161)

Coronary vasoconstriction

Coronary flow; Endothelium-dependent vasodilatation; Coronary vasodilatation; Coronary vasodilator reserve (Fernández, N. (457) 161)

Coronary vasodilatation

Coronary flow; Endothelium-dependent vasodilatation; Coronary vasoconstriction; Coronary vasodilator reserve (Fernández, N. (457) 161)

Coronary vasodilator reserve

Coronary flow; Endothelium-dependent vasodilatation; Coronary vasoconstriction; Coronary vasodilatation (Fernández, N. (457) 161)

Corticosteroid

Tree shrew; Stress; Behavior; Glucocorticoid receptor; 5-HT_{1A} receptor (Van Kampen, M. (457) 207)

Corticosterone

CRF receptor; CRA1000; Immobilization stress; ACTH (adrenocorticotrophic hormone) (Ohata, H. (457) 201)

CRA1000

CRF receptor; Immobilization stress; ACTH (adrenocorticotrophic hormone); Corticosterone (Ohata, H. (457) 201)

CRF receptor

CRA1000; Immobilization stress; ACTH (adrenocorticotrophic hormone); Corticosterone (Ohata, H. (457) 201)

Cyclooxygenase, brain

Vasopressin; Vasopressin V₁ receptor, brain; Adrenaline plasma; Noradrenaline, plasma; Sympatho-adrenomedullary outflow (Okada, S. (457) 29)

Cytokine modulation

2-Cl-IB-MECA; Histamine; Pyrilamine; Adenosine receptor (Smith, S.R. (457) 57)

Deoxypyridinoline

Bisphosphonate; Osteoporosis; Ovariectomy; Bone mineral density (Teramura, K. (457) 51)

Des-Arg⁹-bradykinin

Insulin-dependent diabetes mellitus; Hyperalgesia; Kinin; Bradykinin B₁ receptor; Bradykinin B₁ receptor antagonist; R-715; R-954 (Gabra, B.H. (457) 115)

Devazepide

Evodiamine; Gastrointestinal motility; Cholecystokinin; Lorglumide; L-365,260 (Wu, C.-L. (457) 169)

Dopamine

Ethanol; MK-801; 5-HT (serotonin) 5-Hydroxytryptamine; NMDA receptor; Locomotor activity (Hanania, T. (457) 125)

Dopamine receptor agonist

Neurodegeneration; Parkinson's disease; Anti-oxidant; Neuroprotection (Lombardi, G. (457) 95)

Drug discrimination

Animal model; Cannabinoid CB₁ receptor; Neuroprotectant; (Rat) (De Vry, J. (457) 147)

Endothelin-1

β -Adrenoceptor antagonist; Signal transduction; TGF- β_1 (transforming growth factor- β_1) (Tsubokou, Y. (457) 85)

Endothelium-dependent vasodilatation

Coronary flow; Coronary vasoconstriction; Coronary vasodilatation; Coronary vasodilator reserve (Fernández, N. (457) 161)

Ethanol

MK-801; Dopamine; 5-HT (serotonin) 5-Hydroxytryptamine; NMDA receptor; Locomotor activity (Hanania, T. (457) 125)

Evodiamine

Gastrointestinal motility; Cholecystokinin; Devazepide; Lorglumide; L-365,260 (Wu, C.-L. (457) 169)

Frequency dependence

Antiarrhythmic agent; Ion channel; Voltage dependence (Kushida, S. (457) 19)

Gastric fundus, pig

Heme oxygenase-2; Biliverdin reductase; Bile pigment; Carbon monoxide; Nitric relaxation (Colpaert, E.E. (457) 177)

Gastrointestinal motility

Evodiamine; Cholecystokinin; Devazepide; Lorglumide; L-365,260 (Wu, C.-L. (457) 169)

Glucocorticoid receptor

Tree shrew; Stress; Behavior; Corticosteroid; 5-HT_{1A} receptor (Van Kampen, M. (457) 207)

Gossypol

Colon; Cl⁻ secretion; Mucus; Tight junction (Kuhn, G. (457) 187)

(Guinea pig)

β₂-Adrenoceptor; Molecular cloning; Radioligand binding; cAMP; Single nucleotide polymorphism (Oostendorp, J. (457) 1)

Heme oxygenase-2

Biliverdin reductase; Bile pigment; Carbon monoxide; Nitric relaxation; Gastric fundus, pig (Colpaert, E.E. (457) 177)

Hippocampus

β-Amyloid; Alzheimer's disease; MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide); Akt; Long-term potentiation; RS-0466 (Nakagami, Y. (457) 11)

CA1 area; Nitric oxide (NO); Learning; Long-term potentiation; (Rat) Hölscher, C. (457) 99)

Histamine

2-Cl-IB-MECA; Pyrilamine; Adenosine receptor; Cytokine modulation (Smith, S.R. (457) 57)

5-HT_{1A} receptor

5-HT (5-hydroxytryptamine, serotonin); Triiodothyronine; Antidepressant; 5-HT_{1B} receptor (Gur, E. (457) 37) Tree shrew; Stress; Behavior; Corticosteroid; Glucocorticoid receptor (Van Kampen, M. (457) 207)

5-HT_{2A} receptor antagonist

5-HT (5-hydroxytryptamine, serotonin); R-102444; R-96544 (Ogawa, T. (457) 107)

5-HT_{1B} receptor

5-HT (5-hydroxytryptamine, serotonin); Triiodothyronine; Antidepressant; 5-HT_{1A} receptor (Gur, E. (457) 37)

5-HT (5-hydroxytryptamine, serotonin)

Triiodothyronine; Antidepressant; 5-HT_{1A} receptor; 5-HT_{1B} receptor (Gur, E. (457) 37)

5-HT_{2A} receptor antagonist; R-102444; R-96544 (Ogawa, T. (457) 107)

5-HT (serotonin) 5-Hydroxytryptamine

Ethanol; MK-801; Dopamine; NMDA receptor; Locomotor activity (Hanania, T. (457) 125)

Hyperalgesia

Insulin-dependent diabetes mellitus; Kinin; Bradykinin B₁ receptor; Des-Arg⁹-bradykinin; Bradykinin B₁ receptor antagonist; R-715; R-954 (Gabra, B.H. (457) 115)

ICAM-1 (intercellular adhesion molecule-1)

Partial liquid ventilation; Acute respiratory distress syndrome; Aerosol; Selectin (Schoof, E. (457) 195)

Immobilization stress

CRF receptor; CRA1000; ACTH (adrenocorticotrophic hormone); Corticosterone (Ohata, H. (457) 201)

Inositol phosphate formation

Bile acid; MAP (mitogen activated protein) kinase (p44/p42) phosphorylation; Molecular modeling; Muscarinic receptor; Radioligand binding (Raufman, J.-P. (457) 77)

Inotropic

Relaxin; (INSL3) Insulin-like peptide 3; Atria, rat; Chronotropic; Receptor autoradiography (Tan, Y.Y. (457) 153)

(INSL3) Insulin-like peptide 3

Relaxin; Atria, rat; Chronotropic; Inotropic; Receptor autoradiography (Tan, Y.Y. (457) 153)

Insulin-dependent diabetes mellitus

Hyperalgesia; Kinin; Bradykinin B₁ receptor; Des-Arg⁹-bradykinin; Bradykinin B₁ receptor antagonist; R-715; R-954 (Gabra, B.H. (457) 115)

Interleukin-1β

Adrenomedullin; Aerosol; Lung fibrosis; TGF-β₁ (transforming growth factor-β₁) (von der Hardt, K. (457) 71)

Ion channel

Antiarrhythmic agent; Voltage dependence; Frequency dependence (Kushida, S. (457) 19)

Kinin

Insulin-dependent diabetes mellitus; Hyperalgesia; Bradykinin B₁ receptor; Des-Arg⁹-bradykinin; Bradykinin B₁ receptor antagonist; R-715; R-954 (Gabra, B.H. (457) 115)

L-365,260

Evodiamine; Gastrointestinal motility; Cholecystokinin; Devazepide; Lorglumide (Wu, C.-L. (457) 169)

Learning

CA1 area; Hippocampus; Nitric oxide (NO); Long-term potentiation; (Rat) Hölscher, C. (457) 99)

L-Name (N^ω-nitro-L-arginine-methylester)

Cerebral ischemia, transient focal; Neurological deficit; Blood-brain barrier disruption; Nitric oxide (NO) (Ding-Zhou, L. (457) 137)

Locomotor activity

Ethanol; MK-801; Dopamine; 5-HT (serotonin) 5-Hydroxytryptamine; NMDA receptor (Hanania, T. (457) 125)

Long-term potentiation

β-Amyloid; Alzheimer's disease; MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide); Akt; Hippocampus; RS-0466 (Nakagami, Y. (457) 11) CA1 area; Hippocampus; Nitric oxide (NO); Learning; (Rat) Hölscher, C. (457) 99)

Lorglumide

Evodiamine; Gastrointestinal motility; Cholecystokinin; Devazepide; L-365,260 (Wu, C.-L. (457) 169)

Lung fibrosis

Adrenomedullin; Aerosol; TGF-β₁ (transforming growth factor-β₁); Interleukin-1β (von der Hardt, K. (457) 71)

MAP (mitogen activated protein) kinase (p44/p42) phosphorylation

Bile acid; Inositol phosphate formation; Molecular modeling; Muscarinic receptor; Radioligand binding (Raufman, J.-P. (457) 77)

MDMA (methylenedioxymethamphetamine)

(Mouse, anaesthetised); α_2 -Adrenoceptor; $\alpha_{2A/D}$ -Adrenoceptor knockout (Vandeputte, C. (457) 45)

MK-801

Ethanol; Dopamine; 5-HT (serotonin) 5-Hydroxytryptamine; NMDA receptor; Locomotor activity (Hanania, T. (457) 125)

Molecular cloning

(Guinea pig); β_2 -Adrenoceptor; Radioligand binding; cAMP; Single nucleotide polymorphism (Oostendorp, J. (457) 1)

Molecular modeling

Bile acid; Inositol phosphate formation; MAP (mitogen activated protein) kinase (p44/p42) phosphorylation; Muscarinic receptor; Radioligand binding (Raufman, J.-P. (457) 77)

(Mouse, anaesthetised)

α_2 -Adrenoceptor; $\alpha_{2A/D}$ -Adrenoceptor knockout; MDMA (methylenedioxymethamphetamine) (Vandeputte, C. (457) 45)

MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide)

β -Amyloid; Alzheimer's disease; Akt; Long-term potentiation; Hippocampus; RS-0466 (Nakagami, Y. (457) 11)

Mucus

Gossypol; Colon; Cl^- secretion; Tight junction (Kuhn, G. (457) 187)

Muscarinic receptor

Bile acid; Inositol phosphate formation; MAP (mitogen activated protein) kinase (p44/p42) phosphorylation; Molecular modeling; Radioligand binding (Raufman, J.-P. (457) 77)

Neurodegeneration

Dopamine receptor agonist; Parkinson's disease; Anti-oxidant; Neuroprotection (Lombardi, G. (457) 95)

Neurological deficit

Cerebral ischemia, transient focal; Blood-brain barrier disruption; Nitric oxide (NO); L-Name (N^G -nitro-L-arginine-methylester) (Ding-Zhou, L. (457) 137)

Neuroprotectant

Animal model; Cannabinoid CB_1 receptor; Drug discrimination; (Rat) (De Vry, J. (457) 147)

Neuroprotection

Dopamine receptor agonist; Neurodegeneration; Parkinson's disease; Anti-oxidant (Lombardi, G. (457) 95)

Nitrgic relaxation

Heme oxygenase-2; Biliverdin reductase; Bile pigment; Carbon monoxide; Gastric fundus, pig (Colpaert, E.E. (457) 177)

Nitric oxide (NO)

CA1 area; Hippocampus; Learning; Long-term potentiation; (Rat) Hölscher, C. (457) 99)

Cerebral ischemia, transient focal; Neurological deficit; Blood-brain barrier disruption; L-Name (N^G -nitro-L-arginine-methylester) (Ding-Zhou, L. (457) 137)

NMDA receptor

Ethanol; MK-801; Dopamine; 5-HT (serotonin) 5-Hydroxytryptamine; Locomotor activity (Hanania, T. (457) 125)

Noradrenaline, plasma

Vasopressin; Cyclooxygenase, brain; Vasopressin V_1 receptor, brain; Adrenaline plasma; Sympatho-adrenomedullary outflow (Okada, S. (457) 29)

Osteoporosis

Bisphosphonate; Ovariectomy; Bone mineral density; Deoxypyridinoline (Teramura, K. (457) 51)

Ovariectomy

Bisphosphonate; Osteoporosis; Bone mineral density; Deoxypyridinoline (Teramura, K. (457) 51)

Parkinson's disease

Dopamine receptor agonist; Neurodegeneration; Anti-oxidant; Neuroprotection (Lombardi, G. (457) 95)

Partial liquid ventilation

Acute respiratory distress syndrome; Aerosol; Selectin; ICAM-1 (intercellular adhesion molecule-1) (Schoof, E. (457) 195)

Pyrilamine

2-Cl-IB-MECA; Histamine; Adenosine receptor; Cytokine modulation (Smith, S.R. (457) 57)

R-715

Insulin-dependent diabetes mellitus; Hyperalgesia; Kinin; Bradykinin B_1 receptor; Des-Arg⁹-bradykinin; Bradykinin B_1 receptor antagonist; R-954 (Gabra, B.H. (457) 115)

R-954

Insulin-dependent diabetes mellitus; Hyperalgesia; Kinin; Bradykinin B_1 receptor; Des-Arg⁹-bradykinin; Bradykinin B_1 receptor antagonist; R-715 (Gabra, B.H. (457) 115)

R-96544

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor antagonist; R-102444 (Ogawa, T. (457) 107)

R-102444

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor antagonist; R-96544 (Ogawa, T. (457) 107)

(Rat)

CA1 area; Hippocampus; Nitric oxide (NO); Learning; Long-term potentiation (Hölscher, C. (457) 99)

Animal model; Cannabinoid CB_1 receptor; Drug discrimination; Neuroprotectant (De Vry, J. (457) 147)

Radioligand binding

(Guinea pig); β_2 -Adrenoceptor; Molecular cloning; cAMP; Single nucleotide polymorphism (Oostendorp, J. (457) 1)

Bile acid; Inositol phosphate formation; MAP (mitogen activated protein) kinase (p44/p42) phosphorylation; Molecular modeling; Muscarinic receptor (Raufman, J.-P. (457) 77)

Receptor autoradiography

Relaxin; (INSL3) Insulin-like peptide 3; Atria, rat; Chronotropic; Inotropic (Tan, Y.Y. (457) 153)

Relaxin

(INSL3) Insulin-like peptide 3; Atria, rat; Chronotropic; Inotropic; Receptor autoradiography (Tan, Y.Y. (457) 153)

RS-0466

β -Amyloid; Alzheimer's disease; MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide); Akt; Long-term potentiation; Hippocampus (Nakagami, Y. (457) 11)

Selectin

Partial liquid ventilation; Acute respiratory distress syndrome; Aerosol; ICAM-1 (intercellular adhesion molecule-1) (Schoof, E. (457) 195)

Signal transduction

β -Adrenoceptor antagonist; Endothelin-1; TGF- β_1 (transforming growth factor- β_1) (Tsubokou, Y. (457) 85)

Single nucleotide polymorphism

(Guinea pig); β_2 -Adrenoceptor; Molecular cloning; Radioligand binding; cAMP (Oostendorp, J. (457) 1)

Stress

Tree shrew; Behavior; Corticosteroid; Glucocorticoid receptor; 5-HT $_{1A}$ receptor (Van Kampen, M. (457) 207)

Sympatho-adrenomedullary outflow

Vasopressin; Cyclooxygenase, brain; Vasopressin V $_1$ receptor, brain; Adrenaline plasma; Noradrenaline, plasma (Okada, S. (457) 29)

TGF- β_1 (transforming growth factor- β_1)

Adrenomedullin; Aerosol; Lung fibrosis; Interleukin-1 β (von der Hardt, K. (457) 71)

β -Adrenoceptor antagonist; Endothelin-1; Signal transduction (Tsubokou, Y. (457) 85)

Tight junction

Gossypol; Colon; Cl $^-$ secretion; Mucus (Kuhn, G. (457) 187)

Tree shrew

Stress; Behavior; Corticosteroid; Glucocorticoid receptor; 5-HT $_{1A}$ receptor (Van Kampen, M. (457) 207)

Triiodothyronine

5-HT (5-hydroxytryptamine, serotonin); Antidepressant; 5-HT $_{1A}$ receptor; 5-HT $_{1B}$ receptor (Gur, E. (457) 37)

Vasopressin

Cyclooxygenase, brain; Vasopressin V $_1$ receptor, brain; Adrenaline plasma; Noradrenaline, plasma; Sympatho-adrenomedullary outflow (Okada, S. (457) 29)

Vasopressin V $_1$ receptor, brain

Vasopressin; Cyclooxygenase, brain; Adrenaline plasma; Noradrenaline, plasma; Sympatho-adrenomedullary outflow (Okada, S. (457) 29)

Voltage dependence

Antiarrhythmic agent; Ion channel; Frequency dependence (Kushida, S. (457) 19)