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ACTH (adrenocorticotropin)

CRF (corticotropin-releasing factor); CRF receptor; Anti-edema; Structure-activity relationship (Wei, E.T. (306) 161)

Adenosine A₁ receptor

Ca²⁺; Ca²⁺ pumping; DDT₁ MF-2 cell; (Temperature) (Sipma, H. (306) 187)

Adenosine receptor

Astrocyte, rat; cAMP accumulation (Peakman, M.-C. (306) 281)

α₂-Adrenoceptor

Dexmedetomidine: DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Ritanserin; Monoamine; Locus ceruleus; (Rat) (Rabin, B.C. (306) 51)

Spinal cord, neonatal; Spinal cord, adult; Cerebral cortex; Imidazole receptor; Imidazole-preferring binding site (Savola, M.K.T. (306) 315)

β-Adrenoceptor

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ω-Agatoxin-IVA

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SA4503 (1-(3,4-dimethoxyphenethyl)-4-(3-phenylpropyl)piperazine dihydrochloride); σ₁ Receptor subtype; Competitive inhibition (Matsuno, K. (306) 271)

Alinidine

Falipamil; Sinoatrial node; His bundle; Atrial myocardium; AV node; Blood pressure; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

cAMP

Phospholipase A₂; Interleukin 1β; Tetranactin; Renal mesangial cell (Walker, G. (306) 265)

cAMP accumulation

Astrocyte, rat; Adenosine receptor (Peakman, M.-C. (306) 281)

Angiotensin-converting enzyme inhibitor

Ramiprilat; Bradykinin; Bradykinin B₂ receptor antagonism; HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH); Cardiac myocyte; Hypoxia/reoxygenation injury (Wall, T.M. (306) 165)

Anti-edema

CRF (corticotropin-releasing factor); CRF receptor; ACTH (adrenocorticotropin); Structure-activity relationship (Wei, E.T. (306) 161)

Anti-idiotypic antibody

Idazoxan; Imidazoline receptor; Brain, human (Bennai, F. (306) 211)

Antisense oligodeoxynucleotide

GABA_A receptor; γ₂ Subunit; Methyl-β-carboline-3-carboxylate; Strychnine; Picrotoxin; Convulsion (Zhao, T.-j. (306) 61)

Aorta

Reactive oxygen species; Endothelium-dependent relaxation; Electrolysis; L-Arginine (Gumusel, B. (306) 107)

Arachidonic acid

Neuromedin B; Bombesin receptor antagonist; Ca²⁺, intracellular (Ryan, R.R. (306) 307)

L-Arginine

Reactive oxygen species; Endothelium-dependent relaxation; Electrolysis; Aorta (Gumusel, B. (306) 107)

Arginine vasopressin

Ethanol tolerance; *c-fos*; Immediate early gene (Szabó, G. (306) 67)

Astrocyte

Selegiline; MPP⁺ (1-methyl-4-phenylpyridinium); Neuronal culture (Koutsilieri, E. (306) 181)

Astrocyte, rat

cAMP accumulation; Adenosine receptor (Peakman, M.-C. (306) 281)

ATP-dependent K⁺ channel blocker

Cardiac arrhythmia; Ventricular fibrillation (Friedrichs, G.S. (306) 99)

Atrial myocardium

Falipamil; Alinidine; Sinoatrial node; His bundle; AV node; Blood pressure; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

Atropine

Methyl-quinuclidinyl-benzylate; CGP-12177; PET (positron emission tomography); Heart; β-Adrenoceptor; Muscarinic receptor (Valette, H. (306) 133)

Autoradiography

Bradykinin B₂ receptor; HOE140 (Murone, C. (306) 237)

AV node

Falipamil; Alinidine; Sinoatrial node; His bundle; Atrial myocardium; Blood pressure; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

Blood pressure

Falipamil; Alinidine; Sinoatrial node; His bundle; Atrial myocardium; AV node; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

Bombesin receptor antagonist

Neuromedin B; Ca²⁺, intracellular; Arachidonic acid (Ryan, R.R. (306) 307)

Bradykinin

Ramiprilat; Angiotensin-converting enzyme inhibitor; Bradykinin B₂ receptor antagonism; HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH); Cardiac myocyte; Hypoxia/reoxygenation injury (Wall, T.M. (306) 165)

Bradykinin B₂ receptor

HOE140; Autoradiography (Murone, C. (306) 237)

Bradykinin B₂ receptor antagonism

Ramiprilat; Angiotensin-converting enzyme inhibitor; Bradykinin; HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH); Cardiac myocyte; Hypoxia/reoxygenation injury (Wall, T.M. (306) 165)

Brain, human

Idazoxan; Imidazoline receptor; Anti-idiotypic antibody (Bennai, F. (306) 211)

Ca²⁺

Adenosine A₁ receptor; Ca²⁺ pumping; DDT₁ MF-2 cell; (Temperature) (Sipma, H. (306) 187)

Cytosolic; Fura-2; Parietal cell, rabbit; Elutriation; CCK_B/gastrin receptor antagonist (Letari, O. (306) 325)

Ca²⁺ channel

Hippocampus; Conotoxin; ω -Agatoxin-IVA (Nooney, J.M. (306) 41)

Ca²⁺ channel, L-type

Nimodipine; Ethanol; Substitution; Drug discrimination; Conditioned taste aversion (De Beun, R. (306) 5)

Ca²⁺, intracellular

Dorsal root ganglion neuron; Neuropeptide FF; (Mouse) (Roumy, M. (306) 291)

Neuromedin B; Bombesin receptor antagonist; Arachidonic acid (Ryan, R.R. (306) 307)

Ca²⁺ mobilization

Protein kinase inhibitor; Respiratory burst; Degranulation; Neutrophil, human (Ahn, S.K. (306) 175)

Ca²⁺ pumping

Adenosine A₁ receptor; Ca²⁺; DDT₁ MF-2 cell; (Temperature) (Sipma, H. (306) 187)

Caerulein

CCK (cholecystokinin); Camostate; CCK receptor antagonist; Gastric emptying (Varga, G. (306) 153)

Camostate

CCK (cholecystokinin); Caerulein; CCK receptor antagonist; Gastric emptying (Varga, G. (306) 153)

Cardiac arrhythmia

ATP-dependent K⁺ channel blocker; Ventricular fibrillation (Friedrichs, G.S. (306) 99)

Cardiac myocyte

Ramiprilat; Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B₂ receptor antagonism; HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH); Hypoxia/reoxygenation injury (Wall, T.M. (306) 165)

Catalase

Reperfusion arrhythmia; Superoxide dismutase; Dimethylthiourea; N^G-Nitro-L-arginine; N^G-Nitro-L-arginine methyl ester (Ohoi, I. (306) 123)

CCK (cholecystokinin)

Caerulein; Camostate; CCK receptor antagonist; Gastric emptying (Varga, G. (306) 153)

CCK receptor antagonist

CCK (cholecystokinin); Caerulein; Camostate; Gastric emptying (Varga, G. (306) 153)

CCK_B/gastrin receptor antagonist

Ca²⁺; Cytosolic; Fura-2; Parietal cell, rabbit; Elutriation (Letari, O. (306) 325)

Cerebral cortex

α_2 -Adrenoceptor; Spinal cord, neonatal; Spinal cord, adult; Imidazole receptor; Imidazole-preferring binding site (Savola, M.K.T. (306) 315)

Cerebral ischemia

Dopamine D₁ receptor; Dopamine D₂ receptor; Dopamine uptake site; Receptor autoradiography (Araki, T. (306) 73)

Laser-Doppler flowmetry; Middle cerebral artery occlusion; γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Nimodipine; (Rat) (Herz, R.C.G. (306) 113)

c-fos

Ethanol tolerance; Arginine vasopressin; Immediate early gene (Szabó, G. (306) 67)

CGP-12177

Atropine; Methyl-quinuclidinyl-benzylate; PET (positron emission tomography); Heart; β -Adrenoceptor; Muscarinic receptor (Valette, H. (306) 133)

Chromaffin cell

Ouabain; Cytosolic Ca²⁺; Lithium chloride; Veratridine (De la Fuente, M.T. (306) 219)

Cl⁻ channel, Ca²⁺-dependent

K⁺ channel, Ca²⁺-dependent; Patch clamp; Smooth muscle cell; Trachea (Henmi, S. (306) 227)

Competitive inhibition

SA4503 (1-(3,4-dimethoxyphenethyl)-4-(3-phenylpropyl)piperazine dihydrochloride); σ_1 Receptor subtype; Agonistic property (Matsuno, K. (306) 271)

Conditioned taste aversion

Ca²⁺ channel, L-type; Nimodipine; Ethanol; Substitution; Drug discrimination (De Beun, R. (306) 5)

Conotoxin

Hippocampus; Ca²⁺ channel; ω -Agatoxin-IVA (Nooney, J.M. (306) 41)

Convulsion

GABA_A receptor; γ_2 Subunit; Antisense oligodeoxynucleotide; Methyl- β -carboline-3-carboxylate; Strychnine; Picrotoxin (Zhao, T.-j. (306) 61)

CRF (corticotropin-releasing factor)

CRF receptor; Anti-edema; ACTH (adrenocorticotropin); Structure-activity relationship (Wei, E.T. (306) 161)

CRF receptor

CRF (corticotropin-releasing factor); Anti-edema; ACTH (adrenocorticotropin); Structure-activity relationship (Wei, E.T. (306) 161)

Cytokine

Growth factor; Neuroprotection; Excitotoxicity (Prehn, J.H.M. (306) 81)

Cytosolic

Ca²⁺; Fura-2; Parietal cell, rabbit; Elutriation; CCK_B/gastrin receptor antagonist (Letari, O. (306) 325)

Cytosolic Ca²⁺

Ouabain; Chromaffin cell; Lithium chloride; Veratridine (De la Fuente, M.T. (306) 219)

DDT₁ MF-2 cell

Adenosine A₁ receptor; Ca²⁺; Ca²⁺ pumping; (Temperature) (Sipma, H. (306) 187)

Degranulation

Protein kinase inhibitor; Respiratory burst; Ca²⁺ mobilization; Neutrophil, human (Ahn, S.K. (306) 175)

Dentate gyrus

Glutamate; Dizocilpine; In situ hybridization; Schizophrenia (Healy, D.J. (306) 257)

Dexmedetomidine

α₂-Adrenoceptor; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Ritanerlin; Monoamine; Locus ceruleus; (Rat) (Rabin, B.C. (306) 51)

Dimethylthiourea

Reperfusion arrhythmia; Superoxide dismutase; Catalase; N^G-Nitro-L-arginine; N^G-Nitro-L-arginine methyl ester (Ohoi, I. (306) 123)

Dizocilpine

Glutamate; Dentate gyrus; In situ hybridization; Schizophrenia (Healy, D.J. (306) 257)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane)

α₂-Adrenoceptor; Dexmedetomidine; Ritanerlin; Monoamine; Locus ceruleus; (Rat) (Rabin, B.C. (306) 51)

Dopamine

Haloperidol; MK-801; SCH 23390; Self-stimulation (Olds, M.E. (306) 23)

Dopamine D₁ receptor

Dopamine D₂ receptor; Dopamine uptake site; Cerebral ischemia; Receptor autoradiography (Araki, T. (306) 73)

Dopamine D₂ receptor

Dopamine D₁ receptor; Dopamine uptake site; Cerebral ischemia; Receptor autoradiography (Araki, T. (306) 73)

Dopamine receptor antagonist

Theophylline; Grooming; (Rat) (Zarrindast, M.-R. (306) 1)

Dopamine release

GABA (γ-aminobutyric acid); Modafinil; Microdialysis; Nucleus accumbens (Ferraro, L. (306) 33)

Dopamine uptake site

Dopamine D₁ receptor; Dopamine D₂ receptor; Cerebral ischemia; Receptor autoradiography (Araki, T. (306) 73)

Dorsal root ganglion neuron

Ca²⁺, intracellular; Neuropeptide FF; (Mouse) (Roumy, M. (306) 291)

Drug discrimination

Ca²⁺ channel, L-type; Nimodipine; Ethanol; Substitution; Conditioned taste aversion (De Beun, R. (306) 5)

DTG (1,3-di(2-tolyl)guanidine)

Spinal cord, mouse; Haloperidol (Hornfeldt, C.S. (306) 15)

Electrolysis

Reactive oxygen species; Endothelium-dependent relaxation; L-Arginine; Aorta (Gumusel, B. (306) 107)

Electroshock

G-protein; GTP-binding protein; In situ hybridization; Messenger RNA (McGowan, S. (306) 249)

Elutriation

Ca²⁺; Cytosolic; Fura-2; Parietal cell, rabbit; CCK_B/gastrin receptor antagonist (Letari, O. (306) 325)

Endothelium-dependent relaxation

Reactive oxygen species; Electrolysis; L-Arginine; Aorta (Gumusel, B. (306) 107)

Ethanol

Ca²⁺ channel, L-type; Nimodipine; Substitution; Drug discrimination; Conditioned taste aversion (De Beun, R. (306) 5)

Ethanol tolerance

Arginine vasopressin; *c-fos*; Immediate early gene (Szabó, G. (306) 67)

Excitotoxicity

Growth factor; Cytokine; Neuroprotection (Prehn, J.H.M. (306) 81)

Falipamil

Alinidine; Sinoatrial node; His bundle; Atrial myocardium; AV node; Blood pressure; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

Fura-2

Ca²⁺; Cytosolic; Parietal cell, rabbit; Elutriation; CCK_B/gastrin receptor antagonist (Letari, O. (306) 325)

GABA (γ-aminobutyric acid)

Dopamine release; Modafinil; Microdialysis; Nucleus accumbens (Ferraro, L. (306) 33)

GABA_A receptor

γ₂ Subunit; Antisense oligodeoxynucleotide; Methyl-β-carboline-3-carboxylate; Strychnine; Picrotoxin; Convulsion (Zhao, T.-j. (306) 61)

Gastric emptying

CCK (cholecystokinin); Caerulein; Camostate; CCK receptor antagonist (Varga, G. (306) 153)

Glutamate

Dentate gyrus; Dizocilpine; In situ hybridization; Schizophrenia (Healy, D.J. (306) 257)

G-protein

Electroshock; GTP-binding protein; In situ hybridization; Messenger RNA (McGowan, S. (306) 249)

Grooming

Theophylline; Dopamine receptor antagonist; (Rat) (Zarrindast, M.-R. (306) 1)

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Cytokine; Neuroprotection; Excitotoxicity (Prehn, J.H.M. (306) 81)

GTP-binding protein

Electroshock; G-protein; In situ hybridization; Messenger RNA (McGowan, S. (306) 249)

Haloperidol

Spinal cord, mouse; DTG (1,3-di(2-tolyl)guanidine) (Hornfeldt, C.S. (306) 15)

Dopamine; MK-801; SCH 23390; Self-stimulation (Olds, M.E. (306) 23)

Heart

Atropine; Methyl-quinuclidinyl-benzylate; CGP-12177; PET (positron emission tomography); β -Adrenoceptor; Muscarinic receptor (Valette, H. (306) 133)

Herbimycin A

Nitric oxide (NO) synthase, inducible; Interferon- γ ; Janus kinase; Signal transducer and activator of transcription-1 (STAT1); Microglia (Kitamura, Y. (306) 297)

Hippocampus

Ca^{2+} channel; Conotoxin; ω -Agatoxin-IVA (Nooney, J.M. (306) 41)

His bundle

Falipamil; Alinidine; Sinoatrial node; Atrial myocardium; AV node; Blood pressure; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

HOE140

Bradykinin B_2 receptor; Autoradiography (Murone, C. (306) 237)

HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH)

Ramiprilat; Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B_2 receptor antagonism; Cardiac myocyte; Hypoxia/reoxygenation injury (Wall, T.M. (306) 165)

5-HT_{2C} receptor

Molecular modeling; Three-dimensional structure; Receptor binding; Sub-type selectivity (Kristiansen, K. (306) 195)

Hypoxia / reoxygenation injury

Ramiprilat; Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B_2 receptor antagonism; HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH); Cardiac myocyte (Wall, T.M. (306) 165)

Idazoxan

Imidazoline receptor; Anti-idiotypic antibody; Brain, human (Bennai, F. (306) 211)

Imidazole-preferring binding site

α_2 -Adrenoceptor; Spinal cord, neonatal; Spinal cord, adult; Cerebral cortex; Imidazole receptor (Savola, M.K.T. (306) 315)

Imidazole receptor

α_2 -Adrenoceptor; Spinal cord, neonatal; Spinal cord, adult; Cerebral cortex; Imidazole-preferring binding site (Savola, M.K.T. (306) 315)

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Immediate early gene

Ethanol tolerance; Arginine vasopressin; *c-fos* (Szabó, G. (306) 67)

In situ hybridization

Electroshock; G-protein; GTP-binding protein; Messenger RNA (McGowan, S. (306) 249)

Glutamate; Dentate gyrus; Dizocilpine; Schizophrenia (Healy, D.J. (306) 257)

Interferon- γ

Nitric oxide (NO) synthase, inducible; Herbimycin A; Janus kinase; Signal transducer and activator of transcription-1 (STAT1); Microglia (Kitamura, Y. (306) 297)

Interleukin 1 β

Phospholipase A_2 ; cAMP; Tetranactin; Renal mesangial cell (Walker, G. (306) 265)

Janus kinase

Nitric oxide (NO) synthase, inducible; Herbimycin A; Interferon- γ ; Signal transducer and activator of transcription-1 (STAT1); Microglia (Kitamura, Y. (306) 297)

K⁺ channel, Ca²⁺-dependent

Cl^- channel, Ca^{2+} -dependent; Patch clamp; Smooth muscle cell; Trachea (Henmi, S. (306) 227)

Kidney, perfused, rat

Purinoreceptor P_{2X} ; Purinoreceptor P_{2Y} ; Purinoreceptor P_{2U} ; Purinoreceptor agonist; Purinoreceptor antagonist (Eltze, M. (306) 139)

Laser-Doppler flowmetry

Cerebral ischemia; Middle cerebral artery occlusion; γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Nimodipine; (Rat) (Herz, R.C.G. (306) 113)

Leukotriene

NGF (nerve growth factor); Thermal hyperalgesia (Amann, R. (306) 89)

Lithium chloride

Ouabain; Cytosolic Ca^{2+} ; Chromaffin cell; Veratridine (De la Fuente, M.T. (306) 219)

Locus ceruleus

α_2 -Adrenoceptor; Dexmedetomidine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Ritanserin; Monoamine; (Rat) (Rabin, B.C. (306) 51)

Messenger RNA

Electroshock; G-protein; GTP-binding protein; In situ hybridization (McGowan, S. (306) 249)

Methyl- β -carboline-3-carboxylate

GABA_A receptor; γ_2 Subunit; Antisense oligodeoxynucleotide; Strychnine; Picrotoxin; Convulsion (Zhao, T.-j. (306) 61)

Methyl-quinuclidinyl-benzylate

Atropine; CGP-12177; PET (positron emission tomography); Heart; β -Adrenoceptor; Muscarinic receptor (Valette, H. (306) 133)

Microdialysis

GABA (γ -aminobutyric acid); Dopamine release; Modafinil; Nucleus accumbens (Ferraro, L. (306) 33)

Microglia

Nitric oxide (NO) synthase, inducible; Herbimycin A; Interferon- γ ; Janus kinase; Signal transducer and activator of transcription-1 (STAT1) (Kitamura, Y. (306) 297)

Middle cerebral artery occlusion

Cerebral ischemia; Laser-Doppler flowmetry; γ_2 -MSH (γ_2 -melanocyte-stimulating hormone); Nimodipine; (Rat) (Herz, R.C.G. (306) 113)

MK-801

Dopamine; Haloperidol; SCH 23390; Self-stimulation (Olds, M.E. (306) 23)

Modafinil

GABA (γ -aminobutyric acid); Dopamine release; Microdialysis; Nucleus accumbens (Ferraro, L. (306) 33)

Molecular modeling

Three-dimensional structure; 5-HT_{2C} receptor; Receptor binding; Subtype selectivity (Kristiansen, K. (306) 195)

Monoamine

α_2 -Adrenoceptor; Dexmedetomidine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Ritanserin; Locus ceruleus; (Rat) (Rabin, B.C. (306) 51)

MPP⁺ (1-methyl-4-phenylpyridinium)

Selegiline; Astrocyte; Neuronal culture (Koutsilieri, E. (306) 181)

 γ_2 -MSH (γ_2 -melanocyte-stimulating hormone)

Cerebral ischemia; Laser-Doppler flowmetry; Middle cerebral artery occlusion; Nimodipine; (Rat) (Herz, R.C.G. (306) 113)

Muscarinic receptor

Atropine; Methyl-quinuclidinyl-benzylate; CGP-12177; PET (positron emission tomography); Heart; β -Adrenoceptor (Valette, H. (306) 133)

Neuromedin B

Bombesin receptor antagonist; Ca²⁺, intracellular; Arachidonic acid (Ryan, R.R. (306) 307)

Neuronal culture

Selegiline; MPP⁺ (1-methyl-4-phenylpyridinium); Astrocyte (Koutsilieri, E. (306) 181)

Neuropeptide FF

Ca²⁺, intracellular; Dorsal root ganglion neuron; (Mouse) (Roumy, M. (306) 291)

Neuroprotection

Growth factor; Cytokine; Excitotoxicity (Prehn, J.H.M. (306) 81)

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Protein kinase inhibitor; Respiratory burst; Degranulation; Ca²⁺ mobilization (Ahn, S.K. (306) 175)

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N^G-Nitro-L-arginine

Reperfusion arrhythmia; Superoxide dismutase; Catalase; Dimethylthiourea; N^G-Nitro-L-arginine methyl ester (Ohoi, I. (306) 123)

N^G-Nitro-L-arginine methyl ester

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Nucleus accumbens

GABA (γ -aminobutyric acid); Dopamine release; Modafinil; Microdialysis (Ferraro, L. (306) 33)

Ouabain

Cytosolic Ca²⁺; Chromaffin cell; Lithium chloride; Veratridine (De la Fuente, M.T. (306) 219)

Parietal cell, rabbit

Ca²⁺; Cytosolic; Fura-2; Elutriation; CCK_B/gastrin receptor antagonist (Letari, O. (306) 325)

Patch clamp

K⁺ channel, Ca²⁺-dependent; Cl⁻ channel, Ca²⁺-dependent; Smooth muscle cell; Trachea (Henmi, S. (306) 227)

PET (positron emission tomography)

Atropine; Methyl-quinuclidinyl-benzylate; CGP-12177; Heart; β -Adrenoceptor; Muscarinic receptor (Valette, H. (306) 133)

Phospholipase A₂

Interleukin 1 β ; cAMP; Tetranactin; Renal mesangial cell (Walker, G. (306) 265)

Picrotoxin

GABA_A receptor; γ_2 Subunit; Antisense oligodeoxynucleotide; Methyl- β -carboline-3-carboxylate; Strychnine; Convulsion (Zhao, T.-j. (306) 61)

Protein kinase inhibitor

Respiratory burst; Degranulation; Ca²⁺ mobilization; Neutrophil, human (Ahn, S.K. (306) 175)

Purinoceptor agonist

Kidney, perfused, rat; Purinoceptor P_{2X}; Purinoceptor P_{2Y}; Purinoceptor P_{2U}; Purinoceptor antagonist (Eltze, M. (306) 139)

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Kidney, perfused, rat; Purinoceptor P_{2X}; Purinoceptor P_{2Y}; Purinoceptor P_{2U}; Purinoceptor agonist (Eltze, M. (306) 139)

Purinoceptor P_{2U}

Kidney, perfused, rat; Purinoceptor P_{2X}; Purinoceptor P_{2Y}; Purinoceptor agonist; Purinoceptor antagonist (Eltze, M. (306) 139)

Purinoceptor P_{2X}

Kidney, perfused, rat; Purinoceptor P_{2Y}; Purinoceptor P_{2U}; Purinoceptor agonist; Purinoceptor antagonist (Eltze, M. (306) 139)

Purinoceptor P_{2Y}

Kidney, perfused, rat; Purinoceptor P_{2X}; Purinoceptor P_{2U}; Purinoceptor agonist; Purinoceptor antagonist (Eltze, M. (306) 139)

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Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B₂ receptor antagonism; HOE 140 (H-D-Arg-Arg-Pro-Hyp-Gly-Thi-Ser-D-Tic-Oic-Arg-OH); Cardiac myocyte; Hypoxia/reoxygenation injury (Wall, T.M. (306) 165)

Reactive oxygen species

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Receptor autoradiography

Dopamine D₁ receptor; Dopamine D₂ receptor; Dopamine uptake site; Cerebral ischemia (Araki, T. (306) 73)

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Molecular modeling; Three-dimensional structure; 5-HT_{2C} receptor; Subtype selectivity (Kristiansen, K. (306) 195)

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Superoxide dismutase; Catalase; Dimethylthiourea; *N*^G-Nitro-L-arginine; *N*^G-Nitro-L-arginine methyl ester (Ohoi, I. (306) 123)

Respiratory burst

Protein kinase inhibitor; Degranulation; Ca²⁺ mobilization; Neutrophil, human (Ahn, S.K. (306) 175)

Ritanserin

α_2 -Adrenoceptor; Dexmedetomidine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Monoamine; Locus ceruleus; (Rat) (Rabin, B.C. (306) 51)

SA4503 (1-(3,4-dimethoxyphenethyl)-4-(3-phenylpropyl)piperazine dihydrochloride)

σ_1 Receptor subtype; Agonistic property; Competitive inhibition (Matsuno, K. (306) 271)

SCH 23390

Dopamine; Haloperidol; MK-801; Self-stimulation (Olds, M.E. (306) 23)

Schizophrenia

Glutamate; Dentate gyrus; Dizocilpine; In situ hybridization (Healy, D.J. (306) 257)

Selegiline

MPP⁺ (1-methyl-4-phenylpyridinium); Astrocyte; Neuronal culture (Koutsilieri, E. (306) 181)

Self-stimulation

Dopamine; Haloperidol; MK-801; SCH 23390 (Olds, M.E. (306) 23)

Signal transducer and activator of transcription-1 (STAT1)

Nitric oxide (NO) synthase, inducible; Herbimycin A; Interferon- γ ; Janus kinase; Microglia (Kitamura, Y. (306) 297)

Sinoatrial node

Falipamil; Alinidine; His bundle; Atrial myocardium; AV node; Blood pressure; (Conscious intact dog); (AV-blocked dog) (Boucher, M. (306) 93)

Smooth muscle cell

K⁺ channel, Ca²⁺-dependent; Cl⁻ channel, Ca²⁺-dependent; Patch clamp; Trachea (Henmi, S. (306) 227)

Spinal cord, adult

α_2 -Adrenoceptor; Spinal cord, neonatal; Cerebral cortex; Imidazole receptor; Imidazole-preferring binding site (Savola, M.K.T. (306) 315)

Spinal cord, mouse

DTG (1,3-di(2-tolyl)guanidine); Haloperidol (Hornfeldt, C.S. (306) 15)

Spinal cord, neonatal

α_2 -Adrenoceptor; Spinal cord, adult; Cerebral cortex; Imidazole receptor; Imidazole-preferring binding site (Savola, M.K.T. (306) 315)

Structure-activity relationship

CRF (corticotropin-releasing factor); CRF receptor; Anti-edema; ACTH (adrenocorticotropin) (Wei, E.T. (306) 161)

Strychnine

GABA_A receptor; γ_2 Subunit; Antisense oligodeoxynucleotide; Methyl- β -carboline-3-carboxylate; Picrotoxin; Convulsion (Zhao, T.-j. (306) 61)

Substitution

Ca²⁺ channel, L-type; Nimodipine; Ethanol; Drug discrimination; Conditioned taste aversion (De Beun, R. (306) 5)

Subtype selectivity

Molecular modeling; Three-dimensional structure; 5-HT_{2C} receptor; Receptor binding (Kristiansen, K. (306) 195)

 γ_2 Subunit

GABA_A receptor; Antisense oligodeoxynucleotide; Methyl- β -carboline-3-carboxylate; Strychnine; Picrotoxin; Convulsion (Zhao, T.-j. (306) 61)

Superoxide dismutase

Reperfusion arrhythmia; Catalase; Dimethylthiourea; *N*^G-Nitro-L-arginine; *N*^G-Nitro-L-arginine methyl ester (Ohoi, I. (306) 123)

Tetranactin

Phospholipase A₂; Interleukin 1 β ; cAMP; Renal mesangial cell (Walker, G. (306) 265)

Theophylline

Dopamine receptor antagonist; Grooming; (Rat) (Zarrindast, M.-R. (306) 1)

Thermal hyperalgesia

Leukotriene; NGF (nerve growth factor) (Amann, R. (306) 89)

Three-dimensional structure

Molecular modeling; 5-HT_{2C} receptor; Receptor binding; Subtype selectivity (Kristiansen, K. (306) 195)

Trachea

K⁺ channel, Ca²⁺-dependent; Cl⁻ channel, Ca²⁺-dependent; Patch clamp; Smooth muscle cell (Henmi, S. (306) 227)

Ventricular fibrillation

ATP-dependent K⁺ channel blocker; Cardiac arrhythmia (Friedrichs, G.S. (306) 99)

Veratridine

Ouabain; Cytosolic Ca²⁺; Chromaffin cell; Lithium chloride (De la Fuente, M.T. (306) 219)