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Acetylcholine release

Adenosine A₁ receptor; Low-efficacy agonist; Partial agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Actin filament

Endothelial cell; Hypoxia; Monolayer permeability; cAMP; ATP (Fan, Y. (481) 33)

Activator protein-1

Acute lung inflammation; Cytokine; Chemokine; Peroxisome proliferator-activated receptor- γ (Inoue, K.-i. (481) 261)

Acute lung inflammation

Cytokine; Chemokine; Peroxisome proliferator-activated receptor- γ ; Activator protein-1 (Inoue, K.-i. (481) 261)

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Adenosine A₁ receptor

Acetylcholine release; Low-efficacy agonist; Partial agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Adrenal steroid

Dopamine; Microdialysis; Nicotine; Nucleus accumbens; Sensitization (Molander, A. (481) 51)

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Carvedilol; β -Adrenoceptor; Myocardium, rat (Qvigstad, E. (481) 83)

Airway smooth muscle

Insulin; Phenotype; Asthma; Diabetes (Gosens, R. (481) 125)

Akt

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Allodynia

Morphine; Inflammation; A-type afferent (Li, S. (481) 203)

Aminoguanidine

iNOS [nitric oxide (NO) synthase, inducible]; IGFBP-3 (insulin-like growth factor binding protein-3); IGFBP-3 proteolysis; IGFBP-3 mRNA; Arthritis, adjuvant-induced (Ibáñez de Cáceres, I. (481) 293)

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Spinal synaptic transmission; Glutamate; Inhibitory transmission; Creatine phosphate (Jha, A. (481) 189)

Anti-epileptic

Anxiety; Plus-maze test; Levetiracetam; Chlordiazepoxide; Buspirone (Gower, A.J. (481) 67)

Antiproliferative

Vascular contraction; Vascular relaxation; Balloon injury; Restenosis (Kennedy, S. (481) 101)

Anxiety

Plus-maze test; Levetiracetam; Anti-epileptic; Chlordiazepoxide; Buspirone (Gower, A.J. (481) 67)

Apoptosis

6-Nitro-7-hydroxycoumarin; Renal cell carcinoma; p38 MAP kinase; Cell cycle (Finn, G. (481) 159)

Caspase; Neuroprotection; Stroke (Feng, Y. (481) 169)

Cyclo-oxygenase-2; Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; Interleukin-1 β ; Prostaglandin (Martín, A.R. (481) 281)

Arthritis, adjuvant-induced

iNOS [nitric oxide (NO) synthase, inducible]; Aminoguanidine; IGFBP-3 (insulin-like growth factor binding protein-3); IGFBP-3 proteolysis; IGFBP-3 mRNA (Ibáñez de Cáceres, I. (481) 293)

Asthma

Insulin; Airway smooth muscle; Phenotype; Diabetes (Gosens, R. (481) 125)

Atopic dermatitis

Adrenectomy; Glucocorticoid; RU-486; Scratching behavior (Hirayama, K. (481) 59)

ATP

Endothelial cell; Hypoxia; Monolayer permeability; cAMP; Actin filament (Fan, Y. (481) 33)

A-type afferent

Morphine; Inflammation; Allodynia (Li, S. (481) 203)

Balloon injury

Vascular contraction; Vascular relaxation; Antiproliferative; Restenosis (Kennedy, S. (481) 101)

8-BCPA (8-butylamino-CPA)

Acetylcholine release; Adenosine A₁ receptor; Low-efficacy agonist; Partial agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA) (Bueters, T.J.H. (481) 141)

Blood flow regulation

Cl⁻ channel; Smooth muscle; Systemic circulation; Hypoxia (Jiang, J. (481) 133)

Buspirone

Anxiety; Plus-maze test; Levetiracetam; Anti-epileptic; Chlordiazepoxide (Gower, A.J. (481) 67)

Ca²⁺ channel antagonist

Nifedipine; Ovariectomy; Flushing; Menopause; Tail skin temperature (Kai, M. (481) 79)

Ca²⁺ channels P/Q

Dotarizine; Migraine; Chromaffin cell; Catecholamine release (Ruiz-Nuño, A. (481) 41)

Calcitonin gene-related peptide

Vasomotor response; Human; Cerebral artery; Meningeal artery (Jansen-Olesen, I. (481) 207)

Calcitonin receptor-like receptor

CRL receptor; Vascular endothelium; Rat; Immunoreactivity (Hagner, S. (481) 147)

cAMP

Endothelial cell; Hypoxia; Monolayer permeability; ATP; Actin filament (Fan, Y. (481) 33)

Cardiac myocyte

Cyclic GMP; Cyclic AMP; Cyclic GMP affected cyclic AMP phosphodiesterases; (Rabbit) (Weiss, H.R. (481) 25)

Carrageenan test

Orexin-A; Mechanical allodynia; Thermal hyperalgesia; SB-334867; Spinal cord (Yamamoto, T. (481) 175)

Carvedilol

α₁-Adrenoceptor; β-Adrenoceptor; Myocardium, rat (Qvigstad, E. (481) 83)

Caspase

Neuroprotection; Apoptosis; Stroke (Feng, Y. (481) 169)

Catecholamine release

Dotarizine; Migraine; Ca²⁺ channels P/Q; Chromaffin cell (Ruiz-Nuño, A. (481) 41)

Cell adhesion

Reperfusion injury; Myocardial infarction; Selectin; Echocardiography (Onai, Y. (481) 217)

Cell cycle

6-Nitro-7-hydroxycoumarin; Renal cell carcinoma; p38 MAP kinase; Apoptosis (Finn, G. (481) 159)

Cerebral artery

Calcitonin gene-related peptide; Vasomotor response; Human; Meningeal artery (Jansen-Olesen, I. (481) 207)

Chemokine

Acute lung inflammation; Cytokine; Peroxisome proliferator-activated receptor-γ; Activator protein-1 (Inoue, K.-i. (481) 261)

Chlordiazepoxide

Anxiety; Plus-maze test; Levetiracetam; Anti-epileptic; Buspirone (Gower, A.J. (481) 67)

Cholecystokinin

Pancreas; Secretin; Gastrin-releasing peptide; Leptin; Ghrelin; Pancreatic polypeptide (Konturek, S.J. (481) 1)

Chromaffin cell

Dotarizine; Migraine; Ca²⁺ channels P/Q; Catecholamine release (Ruiz-Nuño, A. (481) 41)

Chronic stress

Hyperalgesia; Adenosine; CPA; N6-cyclopentyladenosine; Dipyrindamole; Tail-flick (da Silva Torres, I.L. (481) 197)

Cilomilast

Phosphodiesterase 4 inhibitor; Dendritic cell; Skin, mouse; Matrix metalloproteinase 9; Toluene-2,4-diisocyanate; Zymography (Bäumer, W. (481) 271)

Cl⁻ channel

Smooth muscle; Systemic circulation; Blood flow regulation; Hypoxia (Jiang, J. (481) 133)

Colitis

Cyclo-oxygenase-2; TNBS (trinitrobenzene sulphonic acid); Neutrophil; Interleukin-1β; Prostaglandin; Apoptosis (Martín, A.R. (481) 281)

Coronary flow

Endothelium-dependent vasodilatation; Coronary vasoconstriction; Coronary vasodilatation; (Goat) (Fernández, N. (481) 109)

Coronary vasoconstriction

Coronary flow; Endothelium-dependent vasodilatation; Coronary vasodilatation; (Goat) (Fernández, N. (481) 109)

Coronary vasodilatation

Coronary flow; Endothelium-dependent vasodilatation; Coronary vasoconstriction; (Goat) (Fernández, N. (481) 109)

CPA

Hyperalgesia; Chronic stress; Adenosine; N6-cyclopentyladenosine; Dipyrindamole; Tail-flick (da Silva Torres, I.L. (481) 197)

CPA (cyclopentyladenosine)

Acetylcholine release; Adenosine A₁ receptor; Low-efficacy agonist; Partial agonist; Neuronal synaptosome; 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Creatine phosphate

Spinal synaptic transmission; Anoxia; Glutamate; Inhibitory transmission (Jha, A. (481) 189)

CRL receptor

Calcitonin receptor-like receptor; Vascular endothelium; Rat; Immunoreactivity (Hagner, S. (481) 147)

Cyclic AMP

Cardiac myocyte; Cyclic GMP; Cyclic GMP affected cyclic AMP phosphodiesterases; (Rabbit) (Weiss, H.R. (481) 25)

Cyclic GMP

Cardiac myocyte; Cyclic AMP; Cyclic GMP affected cyclic AMP phosphodiesterases; (Rabbit) (Weiss, H.R. (481) 25)

Cyclic GMP affected cyclic AMP phosphodiesterases

Cardiac myocyte; Cyclic GMP; Cyclic AMP; (Rabbit) (Weiss, H.R. (481) 25)

Cyclo-oxygenase-2

Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; Interleukin-1 β ; Prostaglandin; Apoptosis (Martin, A.R. (481) 281)

Cytokine

Acute lung inflammation; Chemokine; Peroxisome proliferator-activated receptor- γ ; Activator protein-1 (Inoue, K.-i. (481) 261)

3D-CPA (3'-deoxy-CPA)

Acetylcholine release; Adenosine A₁ receptor; Low-efficacy agonist; Partial agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Dendritic cell

Cilomilast; Phosphodiesterase 4 inhibitor; Skin, mouse; Matrix metalloproteinase 9; Toluene-2,4-diisocyanate; Zymography (Bäumer, W. (481) 271)

Depression treatment-resistant

8-OH-DPAT (8-hydroxy-2-di-*n*-propylamino tetralin); Imipramine; 5-HT_{1A} receptor; Forced swim test (Kitamura, Y. (481) 75)

Desensitization

Endocytosis; GABA_B receptor; Green fluorescent protein (GFP); Receptor dimerization (González-Maeso, J. (481) 15)

Diabetes

Insulin; Airway smooth muscle; Phenotype; Asthma (Gosens, R. (481) 125)

Diabetes mellitus

Streptozotocin; Cytokines; Heat shock protein; Growth factor; Ulcer (Harsch, I.A. (481) 249)

Dipyridamole

Hyperalgesia; Chronic stress; Adenosine; CPA; N6-cyclopentyladenosine; Tail-flick (da Silva Torres, I.L. (481) 197)

DOCA-salt hypertension

Endothelium-derived hyperpolarizing factor; Tempol; Free radical species; Mesenteric vascular bed (Adeagbo, A.S.O. (481) 91)

Dopamine

Adrenal steroid; Microdialysis; Nicotine; Nucleus accumbens; Sensitization (Molander, A. (481) 51)

Dotarizine

Migraine; Ca²⁺ channels P/Q; Chromaffin cell; Catecholamine release (Ruiz-Nuño, A. (481) 41)

Echocardiography

Reperfusion injury; Myocardial infarction; Selectin; Cell adhesion (Onai, Y. (481) 217)

Endocytosis

Desensitization; GABA_B receptor; Green fluorescent protein (GFP); Receptor dimerization (González-Maeso, J. (481) 15)

Endothelial cell

Hypoxia; Monolayer permeability; cAMP; ATP; Actin filament (Fan, Y. (481) 33)

Endothelium-dependent vasodilatation

Coronary flow; Coronary vasoconstriction; Coronary vasodilatation; (Goat) Fernández, N. (481) 109)

Endothelium-derived hyperpolarizing factor

DOCA-salt hypertension; Tempol; Free radical species; Mesenteric vascular bed (Adeagbo, A.S.O. (481) 91)

Enterochromaffin-like cell

Histamine; Proton pump inhibitor (Yokota, T. (481) 233)

Eye

Histamine; Nitric oxide (NO); Nadroparine; Hypersensitivity (Giannoulaki, V. (481) 119)

Flushing

Ca²⁺ channel antagonist; Nifedipine; Ovariectomy; Menopause; Tail skin temperature (Kai, M. (481) 79)

Forced swim test

8-OH-DPAT (8-hydroxy-2-di-*n*-propylamino tetralin); Imipramine; 5-HT_{1A} receptor; Depression treatment-resistant (Kitamura, Y. (481) 75)

Free radical species

Endothelium-derived hyperpolarizing factor; DOCA-salt hypertension; Tempol; Mesenteric vascular bed (Adeagbo, A.S.O. (481) 91)

GABA_B receptor

Desensitization; Endocytosis; Green fluorescent protein (GFP); Receptor dimerization (González-Maeso, J. (481) 15)

Gastrin-releasing peptide

Pancreas; Cholecystokinin; Secretin; Leptin; Ghrelin; Pancreatic polypeptide (Konturek, S.J. (481) 1)

Genistein

Phytoestrogen; Vasodilatation; Smooth muscle (Lee, M.Y.K. (481) 227)

Ghrelin

Pancreas; Cholecystokinin; Secretin; Gastrin-releasing peptide; Leptin; Pancreatic polypeptide (Konturek, S.J. (481) 1)

Glucocorticoid

Adrenectomy; Atopic dermatitis; RU-486; Scratching behavior (Hirayama, K. (481) 59)

Glutamate

Spinal synaptic transmission; Anoxia; Inhibitory transmission; Creatine phosphate (Jha, A. (481) 189)

(Goat)

Coronary flow; Endothelium-dependent vasodilatation; Coronary vasoconstriction; Coronary vasodilatation (Fernández, N. (481) 109)

Green fluorescent protein (GFP)

Desensitization; Endocytosis; GABA_B receptor; Receptor dimerization (González-Maeso, J. (481) 15)

Growth factor

Streptozotocin; Diabetes mellitus; Cytokines; Heat shock protein; Ulcer (Harsch, I.A. (481) 249)

Heat shock protein

Streptozotocin; Diabetes mellitus; Cytokines; Growth factor; Ulcer (Harsch, I.A. (481) 249)

Histamine

Eye; Nitric oxide (NO); Nadroparine; Hypersensitivity (Giannoulaki, V. (481) 119)
Enterochromaffin-like cell; Proton pump inhibitor (Yokota, T. (481) 233)

5-HT_{1A} receptor

8-OH-DPAT (8-hydroxy-2-di-*n*-propylamino tetralin); Imipramine; Depression treatment-resistant; Forced swim test (Kitamura, Y. (481) 75)

Human

Calcitonin gene-related peptide; Vasomotor response; Cerebral artery; Meningeal artery (Jansen-Olesen, I. (481) 207)

Hyperalgesia

Chronic stress; Adenosine; CPA; N6-cyclopentyladenosine; Dipyridamole; Tail-flick (da Silva Torres, I.L. (481) 197)

Hypersensitivity

Histamine; Eye; Nitric oxide (NO); Nadroparine (Giannoulaki, V. (481) 119)

Hypoxia

Endothelial cell; Monolayer permeability; cAMP; ATP; Actin filament (Fan, Y. (481) 33)

Cl⁻ channel; Smooth muscle; Systemic circulation; Blood flow regulation (Jiang, J. (481) 133)

IGFBP-3 (insulin-like growth factor binding protein-3)

iNOS [nitric oxide (NO) synthase, inducible]; Aminoguanidine; IGFBP-3 proteolysis; IGFBP-3 mRNA; Arthritis, adjuvant-induced (Ibáñez de Cáceres, I. (481) 293)

IGFBP-3 mRNA

iNOS [nitric oxide (NO) synthase, inducible]; Aminoguanidine; IGFBP-3 (insulin-like growth factor binding protein-3); IGFBP-3 proteolysis; Arthritis, adjuvant-induced (Ibáñez de Cáceres, I. (481) 293)

IGFBP-3 proteolysis

iNOS [nitric oxide (NO) synthase, inducible]; Aminoguanidine; IGFBP-3 (insulin-like growth factor binding protein-3); IGFBP-3 mRNA; Arthritis, adjuvant-induced (Ibáñez de Cáceres, I. (481) 293)

Imipramine

8-OH-DPAT (8-hydroxy-2-di-*n*-propylamino tetralin); 5-HT_{1A} receptor; Depression treatment-resistant; Forced swim test (Kitamura, Y. (481) 75)

Immunoreactivity

Calcitonin receptor-like receptor; CRL receptor; Vascular endothelium; Rat (Hagner, S. (481) 147)

Inflammation

Morphine; Allodynia; A-type afferent (Li, S. (481) 203)

Thermal hyperalgesia; Paw edema; Resiniferatoxin; Mast cell (Zhang, Y.-H. (481) 301)

Inhibitory transmission

Spinal synaptic transmission; Anoxia; Glutamate; Creatine phosphate (Jha, A. (481) 189)

iNOS

NF-κB; Akt; Vascular smooth muscle (Hattori, Y. (481) 153)

iNOS [nitric oxide (NO) synthase, inducible]

Aminoguanidine; IGFBP-3 (insulin-like growth factor binding protein-3); IGFBP-3 proteolysis; IGFBP-3 mRNA; Arthritis, adjuvant-induced (Ibáñez de Cáceres, I. (481) 293)

Insulin

Airway smooth muscle; Phenotype; Asthma; Diabetes (Gosens, R. (481) 125)

Interleukin-1β

Cyclo-oxygenase-2; Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; Prostaglandin; Apoptosis (Martín, A.R. (481) 281)

Ischemia

Reperfusion; Acute renal failure; Sympathetic nerve; Norepinephrine (Fujii, T. (481) 241)

Leptin

Pancreas; Cholecystokinin; Secretin; Gastrin-releasing peptide; Ghrelin; Pancreatic polypeptide (Konturek, S.J. (481) 1)

Levetiracetam

Anxiety; Plus-maze test; Anti-epileptic; Chlordiazepoxide; Buspirone (Gower, A.J. (481) 67)

Low-efficacy agonist

Acetylcholine release; Adenosine A₁ receptor; Partial agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Mast cell

Inflammation; Thermal hyperalgesia; Paw edema; Resiniferatoxin (Zhang, Y.-H. (481) 301)

Matrix metalloproteinase 9

Cilomilast; Phosphodiesterase 4 inhibitor; Dendritic cell; Skin, mouse; Toluene-2,4-diisocyanate; Zymography (Bäumer, W. (481) 271)

Mechanical allodynia

Orexin-A; Thermal hyperalgesia; SB-334867; Carrageenan test; Spinal cord (Yamamoto, T. (481) 175)

Meningeal artery

Calcitonin gene-related peptide; Vasomotor response; Human; Cerebral artery (Jansen-Olesen, I. (481) 207)

Menopause

Ca²⁺ channel antagonist; Nifedipine; Ovariectomy; Flushing; Tail skin temperature (Kai, M. (481) 79)

Mesenteric vascular bed

Endothelium-derived hyperpolarizing factor; DOCA-salt hypertension; Tempol; Free radical species (Adeagbo, A.S.O. (481) 91)

Microdialysis

Adrenal steroid; Dopamine; Nicotine; Nucleus accumbens; Sensitization (Molander, A. (481) 51)

Migraine

Dotarizine; Ca²⁺ channels P/Q; Chromaffin cell; Catecholamine release (Ruiz-Nuño, A. (481) 41)

Monolayer permeability

Endothelial cell; Hypoxia; cAMP; ATP; Actin filament (Fan, Y. (481) 33)

Morphine

Inflammation; Allodynia; A-type afferent (Li, S. (481) 203)

Myocardial infarction

Reperfusion injury; Selectin; Cell adhesion; Echocardiography (Onai, Y. (481) 217)

Myocardium, rat

Carvedilol; α₁-Adrenoceptor; β-Adrenoceptor (Qvigstad, E. (481) 83)

Nadroparine

Histamine; Eye; Nitric oxide (NO); Hypersensitivity (Giannoulaki, V. (481) 119)

N6-cyclopentyladenosine

Hyperalgesia; Chronic stress; Adenosine; CPA; Dipyridamole; Tail-flick (da Silva Torres, I.L. (481) 197)

Neuronal synaptosome

Acetylcholine release; Adenosine A₁ receptor; Low-efficacy agonist; Partial agonist; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Neuroprotection

Caspase; Apoptosis; Stroke (Feng, Y. (481) 169)

Neutrophil

Cyclo-oxygenase-2; Colitis; TNBS (trinitrobenzene sulphonic acid); Interleukin-1 β ; Prostaglandin; Apoptosis (Martín, A.R. (481) 281)

NF- κ B

Akt; iNOS; Vascular smooth muscle (Hattori, Y. (481) 153)

Nicotine

Adrenal steroid; Dopamine; Microdialysis; Nucleus accumbens; Sensitization (Molander, A. (481) 51)

Nifedipine

Ca²⁺ channel antagonist; Ovariectomy; Flushing; Menopause; Tail skin temperature (Kai, M. (481) 79)

Nitric oxide (NO)

Histamine; Eye; Nadroparine; Hypersensitivity (Giannoulaki, V. (481) 119)

6-Nitro-7-hydroxycoumarin

Renal cell carcinoma; p38 MAP kinase; Apoptosis; Cell cycle (Finn, G. (481) 159)

Nonsteroidal anti-inflammatory drug

Pain; Analgesia; Spinal cord; Opioid; Wind-up (Gaitán, G. (481) 181)

Norepinephrine

Ischemia; Reperfusion; Acute renal failure; Sympathetic nerve (Fujii, T. (481) 241)

Nucleus accumbens

Adrenal steroid; Dopamine; Microdialysis; Nicotine; Sensitization (Molander, A. (481) 51)

8-OH-DPAT (8-hydroxy-2-di-*n*-propylamino tetralin)

Imipramine; 5-HT_{1A} receptor; Depression treatment-resistant; Forced swim test (Kitamura, Y. (481) 75)

Opioid

Pain; Analgesia; Spinal cord; Nonsteroidal anti-inflammatory drug; Wind-up (Gaitán, G. (481) 181)

Orexin-A

Mechanical allodynia; Thermal hyperalgesia; SB-334867; Carrageenan test; Spinal cord (Yamamoto, T. (481) 175)

Ovariectomy

Ca²⁺ channel antagonist; Nifedipine; Flushing; Menopause; Tail skin temperature (Kai, M. (481) 79)

Pain

Analgesia; Spinal cord; Opioid; Nonsteroidal anti-inflammatory drug; Wind-up (Gaitán, G. (481) 181)

Pancreas

Cholecystokinin; Secretin; Gastrin-releasing peptide; Leptin; Ghrelin; Pancreatic polypeptide (Konturek, S.J. (481) 1)

Pancreatic polypeptide

Pancreas; Cholecystokinin; Secretin; Gastrin-releasing peptide; Leptin; Ghrelin (Konturek, S.J. (481) 1)

Partial agonist

Acetylcholine release; Adenosine A₁ receptor; Low-efficacy agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-PCPA (8-propylamino-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Paw edema

Inflammation; Thermal hyperalgesia; Resiniferatoxin; Mast cell (Zhang, Y.-H. (481) 301)

8-PCPA (8-propylamino-CPA)

Acetylcholine release; Adenosine A₁ receptor; Low-efficacy agonist; Partial agonist; Neuronal synaptosome; CPA (cyclopentyladenosine); 3D-CPA (3'-deoxy-CPA); 8-BCPA (8-butylamino-CPA) (Bueters, T.J.H. (481) 141)

Peroxisome proliferator-activated receptor- γ

Acute lung inflammation; Cytokine; Chemokine; Activator protein-1 (Inoue, K.-i. (481) 261)

Phenotype

Insulin; Airway smooth muscle; Asthma; Diabetes (Gosens, R. (481) 125)

Phosphodiesterase 4 inhibitor

Cilomilast; Dendritic cell; Skin, mouse; Matrix metalloproteinase 9; Toluene-2,4-diisocyanate; Zymography (Bäumer, W. (481) 271)

Phytoestrogen

Genistein; Vasodilatation; Smooth muscle (Lee, M.Y.K. (481) 227)

Plus-maze test

Anxiety; Levetiracetam; Anti-epileptic; Chlordiazepoxide; Buspirone (Gower, A.J. (481) 67)

p38 MAP kinase

6-Nitro-7-hydroxycoumarin; Renal cell carcinoma; Apoptosis; Cell cycle (Finn, G. (481) 159)

Prostaglandin

Cyclo-oxygenase-2; Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; Interleukin-1 β ; Apoptosis (Martín, A.R. (481) 281)

Proton pump inhibitor

Enterochromaffin-like cell; Histamine (Yokota, T. (481) 233)

(Rabbit)

Cardiac myocyte; Cyclic GMP; Cyclic AMP; Cyclic GMP affected cyclic AMP phosphodiesterases (Weiss, H.R. (481) 25)

Rat

Calcitonin receptor-like receptor; CRL receptor; Vascular endothelium; Immunoreactivity (Hagner, S. (481) 147)

Receptor dimerization

Desensitization; Endocytosis; GABA_B receptor; Green fluorescent protein (GFP) (González-Maeso, J. (481) 15)

Renal cell carcinoma

6-Nitro-7-hydroxycoumarin; p38 MAP kinase; Apoptosis; Cell cycle (Finn, G. (481) 159)

Reperfusion

Ischemia; Acute renal failure; Sympathetic nerve; Norepinephrine (Fujii, T. (481) 241)

Reperfusion injury

Myocardial infarction; Selectin; Cell adhesion; Echocardiography (Onai, Y. (481) 217)

Resiniferatoxin

Inflammation; Thermal hyperalgesia; Paw edema; Mast cell (Zhang, Y.-H. (481) 301)

Restenosis

Vascular contraction; Vascular relaxation; Balloon injury; Antiproliferative (Kennedy, S. (481) 101)

RU-486

Adrenalectomy; Atopic dermatitis; Glucocorticoid; Scratching behavior (Hirayama, K. (481) 59)

SB-334867

Orexin-A; Mechanical allodynia; Thermal hyperalgesia; Carrageenan test; Spinal cord (Yamamoto, T. (481) 175)

Scratching behavior

Adrenalectomy; Atopic dermatitis; Glucocorticoid; RU-486 (Hirayama, K. (481) 59)

Secretin

Pancreas; Cholecystokinin; Gastrin-releasing peptide; Leptin; Ghrelin; Pancreatic polypeptide (Konturek, S.J. (481) 1)

Selectin

Reperfusion injury; Myocardial infarction; Cell adhesion; Echocardiography (Onai, Y. (481) 217)

Sensitization

Adrenal steroid; Dopamine; Microdialysis; Nicotine; Nucleus accumbens (Molander, A. (481) 51)

Skin, mouse

Cilomilast; Phosphodiesterase 4 inhibitor; Dendritic cell; Matrix metalloproteinase 9; Toluene-2,4-diisocyanate; Zymography (Bäumer, W. (481) 271)

Smooth muscle

Cl⁻ channel; Systemic circulation; Blood flow regulation; Hypoxia (Jiang, J. (481) 133)

Phytoestrogen; Genistein; Vasodilatation (Lee, M.Y.K. (481) 227)

Spinal cord

Orexin-A; Mechanical allodynia; Thermal hyperalgesia; SB-334867; Carrageenan test (Yamamoto, T. (481) 175)

Pain; Analgesia; Opioid; Nonsteroidal anti-inflammatory drug; Wind-up Gaitán, G. (481) 181)

Spinal synaptic transmission

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