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β-Adrenoceptor

β-Adrenoceptor antagonist; Hypertension; D/L-Nebivolol; NO (nitric oxide); Vasodilation (Sacco, G. (511) 167)

β-Adrenoceptor antagonist

β-Adrenoceptor; Hypertension; D/L-Nebivolol; NO (nitric oxide); Vasodilation (Sacco, G. (511) 167)

Allergy

LASSBio 552; Tetrazolephthalimide derivative; Leukotriene; Eosinophil (Neves, J.S. (511) 219)

Antinociception

Tramadol; Serotonin; Selective 5-HT_{1A}/5-HT_{1B} receptor antagonist; Hot plate; (Mice) (Olga Rojas-Corrales, M. (511) 21)

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Appetite suppression

C75; Fatty acid synthase; Obesity (Rohrbach, K.W. (511) 31)

ATP-sensitive potassium channel

Proliferation; Iptakalim; Fluo-3; Pulmonary arterial smooth muscle cell (Xie, W. (511) 81)

Brain energy metabolism

Memory improvement; Habituation; Recognition memory; Mitochondrial respiration; (Rat) (Riha, P.D. (511) 151)

C75

Fatty acid synthase; Appetite suppression; Obesity (Rohrbach, K.W. (511) 31)

Cardioprotective effect

KR-32570; Na⁺/H⁺ exchanger; Lipid peroxidation (Lee, B.H. (511) 175)

Caudate-putamen

Nicotine; Epibatidine; Nomifensine; Dopamine; Nucleus accumbens; In vivo microdialysis (Janhunen, S. (511) 143)

Celecoxib

Microparticle; Retinal delivery; Oxidative stress; Diabetes (Ayalasomayajula, S.P. (511) 191)

Cell contraction

Neonatal rat cardiomyocyte; Cyclosporin A; Ischemia–reperfusion; Electrophysiology; Protein release; Heat shock protein; Mitochondria (Bès, S. (511) 109)

Cell differentiation

Helenalin; Protein kinase C; Extracellular signal-regulated kinase; Nuclear factor-κB (Kim, S.H. (511) 89)

Cholinergic

Islets of Langerhans; Peptide hormone-release; Gene inactivation; Toxin-resistant current; R-type Ca²⁺ channel (Pereverzev, A. (511) 65)

Cocaethylene

Sheep Purkinje fibre; Phencyclidine; ‘Ecstasy’; Cocaine; Δ⁹-tetrahydrocannabinol; (+)-methamphetamine; Morphine (Sheridan, R.D. (511) 99)

Cocaine

Sheep Purkinje fibre; Phencyclidine; ‘Ecstasy’; Cocaethylene; Δ⁹-tetrahydrocannabinol; (+)-methamphetamine; Morphine (Sheridan, R.D. (511) 99)

Cyclooxygenase

Inducible nitric oxide synthase; Pyrexia; Interaction; Isobologram (Bhat, A.-S. (511) 137)

Stereotaxic surgery; Hippocampus; Morris water maze (Sharifzadeh, M. (511) 159)

Cyclosporin A

Neonatal rat cardiomyocyte; Ischemia–reperfusion; Electrophysiology; Cell contraction; Protein release; Heat shock protein; Mitochondria (Bès, S. (511) 109)

Desensitization

Human AMPA-type receptor; Propofol; Patch-clamp; Fast solution exchange (Krampfl, K. (511) 1)

Diabetes

Celecoxib; Microparticle; Retinal delivery; Oxidative stress (Ayalasomayajula, S.P. (511) 191)

Diethylpropion

WAY 100635; Marmoset; Figure-eight maze; Sensitivity (Mello Jr., E.L. (511) 43)

[Dmt¹]DALDA

Morphine; Respiratory depression; Hypoxic respiratory response (Shimoyama, M. (511) 199)

Dopamine

Nicotine; Epibatidine; Nomifensine; Nucleus accumbens; Caudate-putamen; In vivo microdialysis (Janhunen, S. (511) 143)

Dopamine autoreceptor

Dopamine transport; Steroid regulation; G-protein (Thompson, T.L. (511) 121)

Dopamine transport

Steroid regulation; Dopamine autoreceptor; G-protein (Thompson, T.L. (511) 121)

‘Ecstasy’

Sheep Purkinje fibre; Phencyclidine; Cocaine; Cocaethylene; Δ⁹-tetrahydrocannabinol; (+)-methamphetamine; Morphine (Sheridan, R.D. (511) 99)

Electrophysiology

Neonatal rat cardiomyocyte; Cyclosporin A; Ischemia–reperfusion; Cell contraction; Protein release; Heat shock protein; Mitochondria (Bès, S. (511) 109)

Endothelial nitric oxide synthetase

Superoxide anion; Nitrotyrosine; Superoxide dismutase; NADPH oxidase; Type II diabetes (Bitar, M.S. (511) 53)

Eosinophil

LASSBio 552; Tetrazolephthalimide derivative; Leukotriene; Allergy (Neves, J.S. (511) 219)

Epibatidine

Nicotine; Nomifensine; Dopamine; Nucleus accumbens; Caudate-putamen; In vivo microdialysis (Janhunen, S. (511) 143)

Extracellular signal-regulated kinase

Helenalin; Cell differentiation; Protein kinase C; Nuclear factor- κ B (Kim, S.H. (511) 89)

Fast solution exchange

Human AMPA-type receptor; Desensitization; Propofol; Patch-clamp (Krampfl, K. (511) 1)

Fatty acid synthase

C75; Appetite suppression; Obesity (Rohrbach, K.W. (511) 31)

Figure-eight maze

Diethylpropion; WAY 100635; Marmoset; Sensitivity (Mello Jr., E.L. (511) 43)

Fluo-3

Proliferation; Iptakalim; ATP-sensitive potassium channel; Pulmonary arterial smooth muscle cell (Xie, W. (511) 81)

Formalin

σ_1 Receptor; Non-acute pain (Cendán, C.M. (511) 73)

Free radical scavenger

Neurodegeneration; Ischaemia; Kainic acid; S34176; Nitron (Lockhart, B. (511) 127)

GABA release

Ionotropic glutamate receptor; Gene expression; Nucleus accumbens core (Jacobs, E.H. (511) 27)

Gene expression

Ionotropic glutamate receptor; GABA release; Nucleus accumbens core (Jacobs, E.H. (511) 27)

Gene inactivation

Islets of Langerhans; Peptide hormone-release; Cholinergic; Toxin-resistant current; R-type Ca^{2+} channel (Pereverzev, A. (511) 65)

G-protein

Dopamine transport; Steroid regulation; Dopamine autoreceptor (Thompson, T.L. (511) 121)

Habituation

Memory improvement; Brain energy metabolism; Recognition memory; Mitochondrial respiration; (Rat) (Riha, P.D. (511) 151)

Heat shock protein

Neonatal rat cardiomyocyte; Cyclosporin A; Ischemia–reperfusion; Electrophysiology; Cell contraction; Protein release; Mitochondria (Bès, S. (511) 109)

Helenalin

Cell differentiation; Protein kinase C; Extracellular signal-regulated kinase; Nuclear factor- κ B (Kim, S.H. (511) 89)

Hippocampus

Stereotaxic surgery; Cyclooxygenase; Morris water maze (Sharifzadeh, M. (511) 159)

Histamine

Oedema; Inflammation; Opioid receptor; Plasma extravasation (Romero, A. (511) 207)

Hot plate

Tramadol; Serotonin; Selective 5-HT_{1A}/5-HT_{1B} receptor antagonist; Antinociception; (Mice) (Olga Rojas-Corrales, M. (511) 21)

5-HT_{1A} receptor agonist

Serotonin; 5-HT_{2A} receptor antagonist; 5-HT₃ receptor antagonist; Anxiety (Delgado, M. (511) 9)

5-HT_{2A} receptor antagonist

Serotonin; 5-HT_{1A} receptor agonist; 5-HT₃ receptor antagonist; Anxiety (Delgado, M. (511) 9)

5-HT₃ receptor antagonist

Serotonin; 5-HT_{1A} receptor agonist; 5-HT_{2A} receptor antagonist; Anxiety (Delgado, M. (511) 9)

Human AMPA-type receptor

Desensitization; Propofol; Patch-clamp; Fast solution exchange (Krampfl, K. (511) 1)

Hypertension

β -Adrenoceptor; β -Adrenoceptor antagonist; D/L-Nebivolol; NO (nitric oxide); Vasodilation (Sacco, G. (511) 167)

Hypoxic respiratory response

[Dmt¹]DALDA; Morphine; Respiratory depression (Shimoyama, M. (511) 199)

In vivo microdialysis

Nicotine; Epibatidine; Nomifensine; Dopamine; Nucleus accumbens; Caudate-putamen (Janhunen, S. (511) 143)

Inducible nitric oxide synthase

Cyclooxygenase; Pyrexia; Interaction; Isobologram (Bhat, A.-S. (511) 137)

Inflammation

α -Naphthylthiourea; Morphine; Naloxone methiodide; Pulmonary oedema (Comert, M. (511) 183)

Oedema; Histamine; Opioid receptor; Plasma extravasation (Romero, A. (511) 207)

Interaction

Cyclooxygenase; Inducible nitric oxide synthase; Pyrexia; Isobologram (Bhat, A.-S. (511) 137)

Ionotropic glutamate receptor

Gene expression; GABA release; Nucleus accumbens core (Jacobs, E.H. (511) 27)

Iptakalim

Proliferation; ATP-sensitive potassium channel; Fluo-3; Pulmonary arterial smooth muscle cell (Xie, W. (511) 81)

Ischaemia

Neurodegeneration; Free radical scavenger; Kainic acid; S34176; Nitron (Lockhart, B. (511) 127)

Ischemia–reperfusion

Neonatal rat cardiomyocyte; Cyclosporin A; Electrophysiology; Cell contraction; Protein release; Heat shock protein; Mitochondria (Bès, S. (511) 109)

Islets of Langerhans

Peptide hormone-release; Cholinergic; Gene inactivation; Toxin-resistant current; R-type Ca^{2+} channel (Pereverzev, A. (511) 65)

Isobologram

Cyclooxygenase; Inducible nitric oxide synthase; Pyrexia; Interaction (Bhat, A.-S. (511) 137)

Kainic acid

Neurodegeneration; Free radical scavenger; Ischaemia; S34176; Nitrone (Lockhart, B. (511) 127)

KR-32570

Cardioprotective effect; Na^+/H^+ exchanger; Lipid peroxidation (Lee, B.H. (511) 175)

LASSBio 552

Tetrazolephtalimide derivative; Leukotriene; Eosinophil; Allergy (Neves, J.S. (511) 219)

Leukotriene

LASSBio 552; Tetrazolephtalimide derivative; Eosinophil; Allergy (Neves, J.S. (511) 219)

Lipid peroxidation

KR-32570; Cardioprotective effect; Na^+/H^+ exchanger (Lee, B.H. (511) 175)

Marmoset

Diethylpropion; WAY 100635; Figure-eight maze; Sensitivity (Mello Jr., E.L. (511) 43)

Memory improvement

Brain energy metabolism; Habituation; Recognition memory; Mitochondrial respiration; (Rat) (Riha, P.D. (511) 151)

(+)-methamphetamine

Sheep Purkinje fibre; Phencyclidine; 'Ecstasy'; Cocaine; Cocaethylene; Δ^9 -tetrahydrocannabinol; Morphine (Sheridan, R.D. (511) 99)

(Mice)

Tramadol; Serotonin; Selective 5-HT_{1A}/5-HT_{1B} receptor antagonist; Antinociception; Hot plate (Olga Rojas-Corrales, M. (511) 21)

Microparticle

Celecoxib; Retinal delivery; Oxidative stress; Diabetes (Ayalasomayajula, S.P. (511) 191)

Mitochondria

Neonatal rat cardiomyocyte; Cyclosporin A; Ischemia–reperfusion; Electrophysiology; Cell contraction; Protein release; Heat shock protein (Bès, S. (511) 109)

Mitochondrial respiration

Memory improvement; Brain energy metabolism; Habituation; Recognition memory; (Rat) (Riha, P.D. (511) 151)

Morphine

Sheep Purkinje fibre; Phencyclidine; 'Ecstasy'; Cocaine; Cocaethylene; Δ^9 -tetrahydrocannabinol; (+)-methamphetamine (Sheridan, R.D. (511) 99)

α -Naphthylthiourea; Naloxone methiodide; Pulmonary oedema; Inflammation (Comert, M. (511) 183)

[Dmt¹]DALDA; Respiratory depression; Hypoxic respiratory response (Shimoyama, M. (511) 199)

Morris water maze

Stereotaxic surgery; Cyclooxygenase; Hippocampus (Sharifzadeh, M. (511) 159)

NADPH oxidase

Superoxide anion; Nitrotyrosine; Superoxide dismutase; Endothelial nitric oxide synthetase; Type II diabetes (Bitar, M.S. (511) 53)

 Na^+/H^+ exchanger

KR-32570; Cardioprotective effect; Lipid peroxidation (Lee, B.H. (511) 175)

Naloxone methiodide

α -Naphthylthiourea; Morphine; Pulmonary oedema; Inflammation (Comert, M. (511) 183)

 α -Naphthylthiourea

Morphine; Naloxone methiodide; Pulmonary oedema; Inflammation (Comert, M. (511) 183)

D/L-Nebivolol

β -Adrenoceptor; β -Adrenoceptor antagonist; Hypertension; NO (nitric oxide); Vasodilation (Sacco, G. (511) 167)

Neonatal rat cardiomyocyte

Cyclosporin A; Ischemia–reperfusion; Electrophysiology; Cell contraction; Protein release; Heat shock protein; Mitochondria (Bès, S. (511) 109)

Neurodegeneration

Free radical scavenger; Ischaemia; Kainic acid; S34176; Nitrone (Lockhart, B. (511) 127)

Nicotine

Epibatidine; Nomifensine; Dopamine; Nucleus accumbens; Caudate-putamen; In vivo microdialysis (Janhunen, S. (511) 143)

Nitrone

Neurodegeneration; Free radical scavenger; Ischaemia; Kainic acid; S34176 (Lockhart, B. (511) 127)

Nitrotyrosine

Superoxide anion; Superoxide dismutase; NADPH oxidase; Endothelial nitric oxide synthetase; Type II diabetes (Bitar, M.S. (511) 53)

NO (nitric oxide)

β -Adrenoceptor; β -Adrenoceptor antagonist; Hypertension; D/L-Nebivolol; Vasodilation (Sacco, G. (511) 167)

Nomifensine

Nicotine; Epibatidine; Dopamine; Nucleus accumbens; Caudate-putamen; In vivo microdialysis (Janhunen, S. (511) 143)

Non-acute pain

σ_1 Receptor; Formalin (Cendán, C.M. (511) 73)

Nuclear factor- κ B

Helenalin; Cell differentiation; Protein kinase C; Extracellular signal-regulated kinase (Kim, S.H. (511) 89)

Nucleus accumbens

Nicotine; Epibatidine; Nomifensine; Dopamine; Caudate-putamen; In vivo microdialysis (Janhunen, S. (511) 143)

Nucleus accumbens core

Ionotropic glutamate receptor; Gene expression; GABA release (Jacobs, E.H. (511) 27)

Obesity

C75; Fatty acid synthase; Appetite suppression (Rohrbach, K.W. (511) 31)

Oedema

Histamine; Inflammation; Opioid receptor; Plasma extravasation (Romero, A. (511) 207)

Opioid receptor

Oedema; Histamine; Inflammation; Plasma extravasation (Romero, A. (511) 207)

Oxidative stress

Celecoxib; Microparticle; Retinal delivery; Diabetes (Ayalasomayajula, S.P. (511) 191)

Patch-clamp

Human AMPA-type receptor; Desensitization; Propofol; Fast solution exchange (Krampfl, K. (511) 1)

Peptide hormone-release

Islets of Langerhans; Cholinergic; Gene inactivation; Toxin-resistant current; R-type Ca^{2+} channel (Pereverzev, A. (511) 65)

Phencyclidine

Sheep Purkinje fibre; 'Ecstasy'; Cocaine; Cocaethylene; Δ^9 -tetrahydrocannabinol; (+)-methamphetamine; Morphine (Sheridan, R.D. (511) 99)

Plasma extravasation

Oedema; Histamine; Inflammation; Opioid receptor (Romero, A. (511) 207)

Proliferation

Iptakalim; ATP-sensitive potassium channel; Fluo-3; Pulmonary arterial smooth muscle cell (Xie, W. (511) 81)

Propofol

Human AMPA-type receptor; Desensitization; Patch-clamp; Fast solution exchange (Krampfl, K. (511) 1)

Protein kinase C

Helanalin; Cell differentiation; Extracellular signal-regulated kinase; Nuclear factor- κ B (Kim, S.H. (511) 89)

Protein release

Neonatal rat cardiomyocyte; Cyclosporin A; Ischemia-reperfusion; Electrophysiology; Cell contraction; Heat shock protein; Mitochondria (Bès, S. (511) 109)

Pulmonary arterial smooth muscle cell

Proliferation; Iptakalim; ATP-sensitive potassium channel; Fluo-3 (Xie, W. (511) 81)

Pulmonary oedema

α -Naphthylthiourea; Morphine; Naloxone methiodide; Inflammation (Comert, M. (511) 183)

Pyrexia

Cyclooxygenase; Inducible nitric oxide synthase; Interaction; Isobologram (Bhat, A.-S. (511) 137)

(Rat)

Memory improvement; Brain energy metabolism; Habituation; Recognition memory; Mitochondrial respiration (Riha, P.D. (511) 151)

 σ_1 Receptor

Formalin; Non-acute pain (Cendán, C.M. (511) 73)

Recognition memory

Memory improvement; Brain energy metabolism; Habituation; Mitochondrial respiration; (Rat) (Riha, P.D. (511) 151)

Respiratory depression

[Dmt¹]DALDA; Morphine; Hypoxic respiratory response (Shimoyama, M. (511) 199)

Retinal delivery

Celecoxib; Microparticle; Oxidative stress; Diabetes (Ayalasomayajula, S.P. (511) 191)

R-type Ca^{2+} channel

Islets of Langerhans; Peptide hormone-release; Cholinergic; Gene inactivation; Toxin-resistant current (Pereverzev, A. (511) 65)

S34176

Neurodegeneration; Free radical scavenger; Ischaemia; Kainic acid; Nitron (Lockhart, B. (511) 127)

Selective 5-HT_{1A}/5-HT_{1B} receptor antagonist

Tramadol; Serotonin; Antinociception; Hot plate; (Mice) (Olga Rojas-Corrales, M. (511) 21)

Sensitivity

Diethylpropion; WAY 100635; Marmoset; Figure-eight maze (Mello Jr., E.L. (511) 43)

Serotonin

5-HT_{1A} receptor agonist; 5-HT_{2A} receptor antagonist; 5-HT₃ receptor antagonist; Anxiety (Delgado, M. (511) 9)

Tramadol; Selective 5-HT_{1A}/5-HT_{1B} receptor antagonist; Antinociception; Hot plate; (Mice) (Olga Rojas-Corrales, M. (511) 21)

Sheep Purkinje fibre

Phencyclidine; 'Ecstasy'; Cocaine; Cocaethylene; Δ^9 -tetrahydrocannabinol; (+)-methamphetamine; Morphine (Sheridan, R.D. (511) 99)

Stereotaxic surgery

Cyclooxygenase; Hippocampus; Morris water maze (Sharifzadeh, M. (511) 159)

Steroid regulation

Dopamine transport; Dopamine autoreceptor; G-protein (Thompson, T.L. (511) 121)

Superoxide anion

Nitrotyrosine; Superoxide dismutase; NADPH oxidase; Endothelial nitric oxide synthetase; Type II diabetes (Bitar, M.S. (511) 53)

Superoxide dismutase

Superoxide anion; Nitrotyrosine; NADPH oxidase; Endothelial nitric oxide synthetase; Type II diabetes (Bitar, M.S. (511) 53)

 Δ^9 -tetrahydrocannabinol

Sheep Purkinje fibre; Phencyclidine; 'Ecstasy'; Cocaine; Cocaethylene; (+)-methamphetamine; Morphine (Sheridan, R.D. (511) 99)

Tetrazolephtalimide derivative

LASSBio 552; Leukotriene; Eosinophil; Allergy (Neves, J.S. (511) 219)

Toxin-resistant current

Islets of Langerhans; Peptide hormone-release; Cholinergic; Gene inactivation; R-type Ca^{2+} channel (Pereverzev, A. (511) 65)

Tramadol

Serotonin; Selective 5-HT_{1A}/5-HT_{1B} receptor antagonist; Antinociception; Hot plate; (Mice) (Olga Rojas-Corrales, M. (511) 21)

Type II diabetes

Superoxide anion; Nitrotyrosine; Superoxide dismutase; NADPH oxidase; Endothelial nitric oxide synthetase (Bitar, M.S. (511) 53)

Vasodilation

β -Adrenoceptor; β -Adrenoceptor antagonist; Hypertension; D/L-Nebivolol; NO (nitric oxide) (Sacco, G. (511) 167)

WAY 100635

Diethylpropion; Marmoset; Figure-eight maze; Sensitivity (Mello Jr., E.L. (511) 43)