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Abdominal aorta, rat

β_3 -Adrenoceptor; β -Adrenoceptor; ($\pm$)-Bupranolol; ($\pm$)-CGP12177A; Smooth muscle relaxation (Matsushita, M. (482) 235)

9-AC

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β_3 -Adrenoceptor

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Allergic pulmonary inflammation

Allergen; Asthma; Glucocorticosteroid; Lung; Magnetic resonance imaging (MRI); Mitogen-activated protein kinase inhibitor; Oedema; Oedema resolution (Tigani, B. (482) 319)

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Artemisinin

Leukemia; Cell differentiation; PKC (protein kinase C); ERK (extracellular-regulated kinase) (Kim, S.H. (482) 67)

Asthma

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Bleomycin

Nicotinic receptor; $\alpha 7$ -Subunit; Apoptosis; HL-60 cell (Gimonet, D. (482) 25)

($\pm$)-Bupranolol

β_3 -Adrenoceptor; β -Adrenoceptor; ($\pm$)-CGP12177A; Abdominal aorta, rat; Smooth muscle relaxation (Matsushita, M. (482) 235)

Ca²⁺ channel

Phytoestrogen; Cerebral artery; Nitric oxide (NO); Estrogen; Stroke (Torregrosa, G. (482) 227)

β-carboline

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Caspase

Apoptosis; Sesquiterpene lactone; Cytotoxic activity; Poly(ADP-ribose) polymerase-1 cleavage; Cytochrome *c* release (Rivero, A. (482) 77)

Catecholaminergic and serotonergic activity enhancer

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β-cell

Efaroxan; Insulin secretion; Imidazoline-binding site; KU14R; β-carboline; Clonidine-displacing substance (Cooper, E.J. (482) 189)

Cell differentiation

Artemisinin; Leukemia; PKC (protein kinase C); ERK (extracellular-regulated kinase) (Kim, S.H. (482) 67)

Cerebral artery

Phytoestrogen; Ca²⁺ channel; Nitric oxide (NO); Estrogen; Stroke (Torregrosa, G. (482) 227)

Cerebral vascular smooth muscle cell

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(±)-CGP12177A

β₃-Adrenoceptor; β-Adrenoceptor; (±)-Bupranolol; Abdominal aorta, rat; Smooth muscle relaxation (Matsushita, M. (482) 235)

Chloroethylclonidine

α_{1B}-Adrenoceptor subtype; WB 4101; Pulmonary artery; Pulmonary hypertension (Oriowo, M.A. (482) 255)

Chronic pain

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Muscarinic receptor; [³H]Quinuclidinyl benzylate; Colon, human; Radioligand binding; Alkylating agent (Mansfield, K.J. (482) 101)

Cl[−] concentration, intracellular

Lectin; Jurkat T lymphocyte, human; Cl[−]-free condition; 9-AC; Stilbene derivative (Lai, Z.-F. (482) 1)

Cl[−]-free condition

Cl[−] concentration, intracellular; Lectin; Jurkat T lymphocyte, human; 9-AC; Stilbene derivative (Lai, Z.-F. (482) 1)

Clobenpropit

Seizure; Endogenous histamine; Immepip; α-Fluoromethylhistidine (Zhang, L. (482) 169)

Clonidine-displacing substance

Efaroxan; β-cell; Insulin secretion; Imidazoline-binding site; KU14R; β-carboline (Cooper, E.J. (482) 189)

Cloning

Histamine H₃ receptor; (Monkey); Expression; G-protein coupled receptor; Pharmacology (Yao, B.B. (482) 49)

Cocaine

Apoptosis; Cerebral vascular smooth muscle cell; Strokes (Su, J. (482) 61)

Cochlear disturbance

Otitis media; Nitric oxide (NO) synthase inhibitor; Dexamethasone (Sone, M. (482) 313)

Colon, human

Muscarinic receptor; [³H]Quinuclidinyl benzylate; Circular muscle; Radioligand binding; Alkylating agent (Mansfield, K.J. (482) 101)

Cortex prefrontal

Dopamine; Dorsolateral, striatum; GABA_A receptor; Corticostriatal pathway (Matsumoto, M. (482) 177)

Corticostriatal pathway

Dopamine; Dorsolateral, striatum; Cortex prefrontal; GABA_A receptor (Matsumoto, M. (482) 177)

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Ethanol; Flunitrazepam; GABA_A receptor; Gaboxadol; THIP; Hypnotic; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

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Passive cutaneous anaphylaxis; 5-Hydroxytryptamine receptor; Histamine H₂ receptor; (Rat) (Hayashi, K.-i. (482) 305)

Cytochrome *c* release

Apoptosis; Sesquiterpene lactone; Cytotoxic activity; Caspase; Poly(ADP-ribose) polymerase-1 cleavage (Rivero, A. (482) 77)

Cytotoxic activity

Apoptosis; Sesquiterpene lactone; Caspase; Poly(ADP-ribose) polymerase-1 cleavage; Cytochrome *c* release (Rivero, A. (482) 77)

Dexamethasone

Otitis media; Cochlear disturbance; Nitric oxide (NO) synthase inhibitor (Sone, M. (482) 313)

Diazepam

GABA_A receptor; HEK 293 cell; GABA (γ-aminobutyric acid); Muscimol; Radioligand binding (Perićić, D. (482) 117)

3,4-Dimethyl-4-(3-hydroxyphenyl)piperidine

μ-Opioid; κ-Opioid; δ-Opioid; Antagonist; Receptor autoradiography (Statnick, M.A. (482) 139)

Diprenorphine (Pig)

Opioid receptor; Enteric nervous system; Naltrindole (Townsend IV, D. (482) 111)

Dithiocarbamates

Renal/kidney; Reperfusion-injury; Pyrrolidine dithiocarbamate; Nuclear factor-κB; Inducible nitric oxide synthase; Nitric oxide (Chatterjee, P.K. (482) 271)

Dopamine

Pharmacokinetics; Neurotoxicity; 5-HT (5-hydroxytryptamine, serotonin); Hyperthermia (Johnson-Davis, K.L. (482) 151)

Dorsolateral, Striatum; Cortex prefrontal; GABA_A receptor; Corticostriatal pathway (Matsumoto, M. (482) 177)

Nucleus accumbens; Feeding; Leptin; Microdialysis (Krügel, U. (482) 185)

Dopamine receptor agonist

Parkinson's disease; hERG channel; Action potential duration (Hurst, R.S. (482) 31)

Dorsolateral, striatum

Dopamine; Cortex prefrontal; GABA_A receptor; Corticostriatal pathway (Matsumoto, M. (482) 177)

Efaroxan

β-cell; Insulin secretion; Imidazoline-binding site; KU14R; β-carboline; Clonidine-displacing substance (Cooper, E.J. (482) 189)

Electroshock, maximal

Lamotrigine; Anticonvulsant; Pharmacokinetics; Pharmacodynamics (Castel-Branco, M. (482) 163)

Emetic

U46619; Prostanoid TP receptor; Tachykinin NK₁ receptor; Anti-emetic; Prostanoid; (*Suncus murinus*) (Kan, K.K.W. (482) 297)

Endogenous histamine

Clobenpropit; Seizure; Immeip; α-Fluoromethylhistidine (Zhang, L. (482) 169)

Endothelial cell

Aorta; OP4 receptor; Immunocytochemistry; In situ hybridization; MAP (mitogen-activated protein) kinase (Granata, F. (482) 17)

Endothelin

MAP Mitogen-activated protein (kinase); ERK (Extracellular signal-regulated kinase)1/2; Sarafotoxin 6c; ET_B receptor (Uddman, E. (482) 39)

Endothelium

Angiotensin-converting enzyme; Nitric oxide (NO); Oxidative stress (Scribner, A.W. (482) 95)

Enteric nervous system

Opioid receptor; Naltrindole; Diprenorphine (Pig) (Townsend IV, D. (482) 111)

ERK (extracellular-regulated kinase)

Artemisinin; Leukemia; Cell differentiation; PKC (protein kinase C) (Kim, S.H. (482) 67)

ERK (Extracellular signal-regulated kinase)1/2

MAP Mitogen-activated protein (kinase); Sarafotoxin 6c; Endothelin; ET_B receptor (Uddman, E. (482) 39)

Estrogen

Phytoestrogen; Cerebral artery; Ca²⁺ channel; Nitric oxide (NO); Stroke (Torregrosa, G. (482) 227)

ET_B receptor

MAP Mitogen-activated protein (kinase); ERK (Extracellular signal-regulated kinase)1/2; Sarafotoxin 6c; Endothelin (Uddman, E. (482) 39)

Ethanol

Cross-tolerance; Flunitrazepam; GABA_A receptor; Gaboxadol; THIP; Hypnotic; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

Expression

Histamine H₃ receptor; (Monkey); Cloning; G-protein coupled receptor; Pharmacology (Yao, B.B. (482) 49)

Feeding

Nucleus accumbens; Dopamine; Leptin; Microdialysis (Krügel, U. (482) 185)

Figure-eight maze

WAY 100635; Marmoset, monkey; Anxiety; Taxidermized predator (Barros, M. (482) 197)

Flunitrazepam

Cross-tolerance; Ethanol; GABA_A receptor; Gaboxadol; THIP; Hypnotic; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

α-Fluoromethylhistidine

Clobenpropit; Seizure; Endogenous histamine; Immeip (Zhang, L. (482) 169)

Formalin test

Chronic pain; Melanocortin MC₄ receptor (Bellasio, S. (482) 127)

GABA (γ-aminobutyric acid)

GABA_A receptor; HEK 293 cell; Diazepam; Muscimol; Radioligand binding (Peričić, D. (482) 117)

GABA_A receptor

HEK 293 cell; GABA (γ-aminobutyric acid); Diazepam; Muscimol; Radioligand binding (Peričić, D. (482) 117)

Dopamine; Dorsolateral, striatum; Cortex prefrontal; Corticostriatal pathway (Matsumoto, M. (482) 177)

Cross-tolerance; Ethanol; Flunitrazepam; Gaboxadol; THIP; Hypnotic; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

Gaboxadol

Cross-tolerance; Ethanol; Flunitrazepam; GABA_A receptor; THIP; Hypnotic; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

Galanin receptor

Agonist; Antinociception; Hyperalgesia; Neuropathy; Pain; Spinal cord (Wu, W.-P. (482) 133)

Gastrointestinal transit

Tramadol; Non-steroidal anti-inflammatory drug (NSAID); Antagonism; Interaction (Planas, E. (482) 223)

Glucocorticosteroid

Allergen; Allergic pulmonary inflammation; Asthma; Lung; Magnetic resonance imaging (MRI); Mitogen-activated protein kinase inhibitor; Oedema; Oedema resolution (Tigani, B. (482) 319)

Glutathione

Quercetin; Antioxidant; Prooxidant; Malondialdehyde (Choi, E.J. (482) 281)

Glyburide

Interleukin-18; Lipopolysaccharide; Monocyte; Inflammation; Purinoreceptor subtype P_{2x7} (Mühl, H. (482) 325)

G-protein coupled receptor

Histamine H₃ receptor; (Monkey); Cloning; Expression; Pharmacology (Yao, B.B. (482) 49)

HEK 293 cell

GABA_A receptor; GABA (γ-aminobutyric acid); Diazepam; Muscimol; Radioligand binding (Peričić, D. (482) 117)

hERG channel

Parkinson's disease; Dopamine receptor agonist; Action potential duration (Hurst, R.S. (482) 31)

Histamine H₃ receptor

(Monkey); Cloning; Expression; G-protein coupled receptor; Pharmacology (Yao, B.B. (482) 49)

Cutaneous blood flow; Passive cutaneous anaphylaxis; 5-Hydroxytryptamine receptor; (Rat) (Hayashi, K.-i. (482) 305)

HL-60 cell

Nicotinic receptor; α 7-Subunit; Bleomycin; Apoptosis (Gimonet, D. (482) 25)

Hot flush

Mirtazapine; Oestrogen; Tail-temperature; (Rat) (Berendsen, H.H.G. (482) 329)

[³H]Quinuclidinyl benzylate

Muscarinic receptor; Colon, human; Circular muscle; Radioligand binding; Alkylating agent (Mansfield, K.J. (482) 101)

5-HT (5-hydroxytryptamine, serotonin)

Pharmacokinetics; Neurotoxicity; Dopamine; Hyperthermia (Johnson-Davis, K.L. (482) 151)

5-HT receptor

5-HT_{2A} receptor antagonist; SpAMDA (Peddi, S. (482) 335)

5-HT_{2A} receptor antagonist

5-HT receptor; SpAMDA (Peddi, S. (482) 335)

5-HT receptor subtype

5-Hydroxytryptophan; Spinal reflex (Honda, M. (482) 155)

Human embryonic kidney 293 cell

R-(−)-1-(Benzofuran-2-yl)-2-propylaminopentane [(−)-BPAP]; Catecholaminergic and serotonergic activity enhancer; Parkinson's disease; Transporter; Tyramine (Shimazu, S. (482) 9)

5-Hydroxytryptamine receptor

Cutaneous blood flow; Passive cutaneous anaphylaxis; Histamine H₂ receptor; (Rat) (Hayashi, K.-i. (482) 305)

5-Hydroxytryptophan

Spinal reflex; 5-HT receptor subtype (Honda, M. (482) 155)

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Agonist; Antinociception; Galanin receptor; Neuropathy; Pain; Spinal cord (Wu, W.-P. (482) 133)

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Pharmacokinetics; Neurotoxicity; Dopamine; 5-HT (5-hydroxytryptamine, serotonin) (Johnson-Davis, K.L. (482) 151)

Hypnotic

Cross-tolerance; Ethanol; Flunitrazepam; GABA_A receptor; Gaboxadol; THIP; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

Imidazoline-binding site

Efaroxan; β -cell; Insulin secretion; KU14R; β -carboline; Clonidine-displacing substance (Cooper, E.J. (482) 189)

Immepip

Clobenpropit; Seizure; Endogenous histamine; α -Fluoromethylhistidine (Zhang, L. (482) 169)

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Endothelial cell; Aorta; OP4 receptor; In situ hybridization; MAP (mitogen-activated protein) kinase (Granata, F. (482) 17)

In situ hybridization

Endothelial cell; Aorta; OP4 receptor; Immunocytochemistry; MAP (mitogen-activated protein) kinase (Granata, F. (482) 17)

Indiplon

Cross-tolerance; Ethanol; Flunitrazepam; GABA_A receptor; Gaboxadol; THIP; Hypnotic; Rotarod; Zolpidem (Voss, J. (482) 215)

Inducible nitric oxide synthase

Renal/kidney; Reperfusion-injury; Dithiocarbamates; Pyrrolidine dithiocarbamate; Nuclear factor- κ B; Nitric oxide (Chatterjee, P.K. (482) 271)

Inflammation

Interleukin-18; Lipopolysaccharide; Monocyte; Glyburide; Purinoreceptor subtype P_{2X7} (Mühl, H. (482) 325)

Injury

Axotomy; mRNA expression; POMC (proopiomelanocortin); Melanocortin receptor; Retina (Lindqvist, N. (482) 85)

Insulin secretion

Efaroxan; β -cell; Imidazoline-binding site; KU14R; β -carboline; Clonidine-displacing substance (Cooper, E.J. (482) 189)

Interaction

Tramadol; Non-steroidal anti-inflammatory drug (NSAID); Antagonism; Gastrointestinal transit (Planas, E. (482) 223)

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Lipopolysaccharide; Monocyte; Inflammation; Glyburide; Purinoreceptor subtype P_{2X7} (Mühl, H. (482) 325)

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Carvedilol; Mitochondrion (Monteiro, P. (482) 245)

Jurkat T lymphocyte, human

Cl[−] concentration, intracellular; Lectin; Cl[−]-free condition; 9-AC; Stilbene derivative (Lai, Z.-F. (482) 1)

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MCC-134; Sulphonylurea receptor; Urethra; Smooth muscle (Yunoki, T. (482) 287)

KU14R

Efaroxan; β -cell; Insulin secretion; Imidazoline-binding site; β -carboline; Clonidine-displacing substance (Cooper, E.J. (482) 189)

Lamotrigine

Anticonvulsant; Electroschock, maximal; Pharmacokinetics; Pharmacodynamics (Castel-Branco, M. (482) 163)

Lectin

Cl[−] concentration, intracellular; Jurkat T lymphocyte, human; Cl[−]-free condition; 9-AC; Stilbene derivative (Lai, Z.-F. (482) 1)

Leptin

Nucleus accumbens; Dopamine; Feeding; Microdialysis (Krügel, U. (482) 185)

Leukemia

Artemisinin; Cell differentiation; PKC (protein kinase C); ERK (extracellular-regulated kinase) (Kim, S.H. (482) 67)

Lipopolysaccharide

Interleukin-18; Monocyte; Inflammation; Glyburide; Purinoreceptor subtype P_{2X7} (Mühl, H. (482) 325)

Locomotor activity

Apomorphine; Morphine; Nitric oxide (NO); L-Arginine; L-NAME (*N*^G-nitro-L-arginine methyl ester); Sensitization; (Mouse) (Zarrindast, M.-R. (482) 205)

Lung

Allergen; Allergic pulmonary inflammation; Asthma; Glucocorticosteroid; Magnetic resonance imaging (MRI); Mitogen-activated protein kinase inhibitor; Oedema; Oedema resolution (Tigani, B. (482) 319)

Magnetic resonance imaging (MRI)

Allergen; Allergic pulmonary inflammation; Asthma; Glucocorticosteroid; Lung; Mitogen-activated protein kinase inhibitor; Oedema; Oedema resolution (Tigani, B. (482) 319)

MAHMA NONOate

Platelet inhibition, in vivo; Nitric oxide (NO) donors; *S*-nitrosoglutathione; Vasodepression systemic (Homer, K.L. (482) 265)

Malondialdehyde

Quercetin; Antioxidant; Prooxidant; Glutathione (Choi, E.J. (482) 281)

MAP (mitogen-activated protein) kinase

Endothelial cell; Aorta; OP4 receptor; Immunocytochemistry; In situ hybridization (Granata, F. (482) 17)

ERK (Extracellular signal-regulated kinase)1/2; Sarafotoxin 6c; Endothelin; ET_B receptor (Uddman, E. (482) 39)

Marmoset, monkey

WAY 100635; Anxiety; Figure-eight maze; Taxidermized predator (Barros, M. (482) 197)

MCC-134

K⁺ channel, ATP-sensitive; Sulphonylurea receptor; Urethra; Smooth muscle (Yunoki, T. (482) 287)

MDMA (3,4-Methylenedioxyamphetamine)

Temperature; Self-administration (Cornish, J.L. (482) 339)

Melanocortin MC₄ receptor

Chronic pain; Formalin test (Bellasio, S. (482) 127)

Melanocortin receptor

Axotomy; Injury; mRNA expression; POMC (proopiomelanocortin); Retina (Lindqvist, N. (482) 85)

Microdialysis

Nucleus accumbens; Dopamine; Feeding; Leptin (Krügel, U. (482) 185)

Mirtazapine

Hot flush; Oestrogen; Tail-temperature; (Rat) (Berendsen, H.H.G. (482) 329)

Mitochondrion

Ischaemia; Carvedilol (Monteiro, P. (482) 245)

Mitogen-activated protein kinase inhibitor

Allergen; Allergic pulmonary inflammation; Asthma; Glucocorticosteroid; Lung; Magnetic resonance imaging (MRI); Oedema; Oedema resolution (Tigani, B. (482) 319)

(Monkey)

Histamine H₃ receptor; Cloning; Expression; G-protein coupled receptor; Pharmacology (Yao, B.B. (482) 49)

Monocyte

Interleukin-18; Lipopolysaccharide; Inflammation; Glyburide; Purinoreceptor subtype P_{2x7} (Mühl, H. (482) 325)

Morphine

Apomorphine; Nitric oxide (NO); L-Arginine; L-NAME (*N*^G-nitro-L-arginine methyl ester); Locomotor activity; Sensitization; (Mouse) (Zarrindast, M.-R. (482) 205)

(Mouse)

Apomorphine; Morphine; Nitric oxide (NO); L-Arginine; L-NAME (*N*^G-nitro-L-arginine methyl ester); Locomotor activity; Sensitization (Zarrindast, M.-R. (482) 205)

mRNA expression

Axotomy; Injury; POMC (proopiomelanocortin); Melanocortin receptor; Retina (Lindqvist, N. (482) 85)

Muscarinic receptor

[³H]Quinuclidinyl benzylate; Colon, human; Circular muscle; Radioligand binding; Alkylating agent (Mansfield, K.J. (482) 101)

Muscimol

GABA_A receptor; HEK 293 cell; GABA (γ-aminobutyric acid); Diazepam; Radioligand binding (Peričić, D. (482) 117)

Naltrindole

Opioid receptor; Enteric nervous system; Diprenorphine (Pig) (Townsend IV, D. (482) 111)

L-NAME (*N*^G-nitro-L-arginine methyl ester)

Apomorphine; Morphine; Nitric oxide (NO); L-Arginine; Locomotor activity; Sensitization; (Mouse) (Zarrindast, M.-R. (482) 205)

Neuropathy

Agonist; Antinociception; Galanin receptor; Hyperalgesia; Pain; Spinal cord (Wu, W.-P. (482) 133)

Neurotoxicity

Pharmacokinetics; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Hyperthermia (Johnson-Davis, K.L. (482) 151)

Nicotinic receptor

α7-Subunit; Bleomycin; Apoptosis; HL-60 cell (Gimonet, D. (482) 25)

Nitric oxide

Renal/kidney; Reperfusion-injury; Dithiocarbamates; Pyrrolidine dithiocarbamate; Nuclear factor-κB; Inducible nitric oxide synthase (Chatterjee, P.K. (482) 271)

Nitric oxide (NO)

Angiotensin-converting enzyme; Endothelium; Oxidative stress (Scribner, A.W. (482) 95)

Apomorphine; Morphine; L-Arginine; L-NAME (*N*^G-nitro-L-arginine methyl ester); Locomotor activity; Sensitization; (Mouse) (Zarrindast, M.-R. (482) 205)

Phytoestrogen; Cerebral artery; Ca²⁺ channel; Estrogen; Stroke (Torregrosa, G. (482) 227)

Nitric oxide (NO) donors

Platelet inhibition, in vivo; MAHMA NONOate; *S*-nitrosoglutathione; Vasodepression systemic (Homer, K.L. (482) 265)

Nitric oxide (NO) synthase inhibitor

Otitis media; Cochlear disturbance; Dexamethasone (Sone, M. (482) 313)

Non-steroidal anti-inflammatory drug (NSAID)

Tramadol; Antagonism; Interaction; Gastrointestinal transit (Planas, E. (482) 223)

Nuclear factor- κ B

Renal/kidney; Reperfusion-injury; Dithiocarbamates; Pyrrolidine dithiocarbamate; Inducible nitric oxide synthase; Nitric oxide (Chatterjee, P.K. (482) 271)

Nucleus accumbens

Dopamine; Feeding; Leptin; Microdialysis (Krügel, U. (482) 185)

Oedema

Allergen; Allergic pulmonary inflammation; Asthma; Glucocorticosteroid; Lung; Magnetic resonance imaging (MRI); Mitogen-activated protein kinase inhibitor; Oedema resolution (Tigani, B. (482) 319)

Oedema resolution

Allergen; Allergic pulmonary inflammation; Asthma; Glucocorticosteroid; Lung; Magnetic resonance imaging (MRI); Mitogen-activated protein kinase inhibitor; Oedema (Tigani, B. (482) 319)

Oestrogen

Hot flush; Mirtazapine; Tail-temperature; (Rat) (Berendsen, H.H.G. (482) 329)

OP4 receptor

Endothelial cell; Aorta; Immunocytochemistry; In situ hybridization; MAP (mitogen-activated protein) kinase (Granata, F. (482) 17)

 μ -Opioid

κ -Opioid; δ -Opioid; 3,4-Dimethyl-4-(3-hydroxyphenyl)piperidine; Antagonist; Receptor autoradiography (Statnick, M.A. (482) 139)

Opioid receptor

Enteric nervous system; Naltrindole; Diprenorphine (Pig) (Townsend IV, D. (482) 111)

Otitis media

Cochlear disturbance; Nitric oxide (NO) synthase inhibitor; Dexamethasone (Sone, M. (482) 313)

Oxidative stress

Angiotensin-converting enzyme; Endothelium; Nitric oxide (NO) (Scribner, A.W. (482) 95)

Pain

Agonist; Antinociception; Galanin receptor; Hyperalgesia; Neuropathy; Spinal cord (Wu, W.-P. (482) 133)

Parkinson's disease

R-(−)-1-(Benzofuran-2-yl)-2-propylaminopentane [(−)-BPAP]; Catecholaminergic and serotonergic activity enhancer; Human embryonic kidney 293 cell; Transporter; Tyramine (Shimazu, S. (482) 9)

Dopamine receptor agonist; hERG channel; Action potential duration (Hurst, R.S. (482) 31)

Passive cutaneous anaphylaxis

Cutaneous blood flow; 5-Hydroxytryptamine receptor; Histamine H₂ receptor; (Rat) (Hayashi, K.-i. (482) 305)

Pharmacodynamics

Lamotrigine; Anticonvulsant; Electroshock, maximal; Pharmacokinetics (Castel-Branco, M. (482) 163)

Pharmacokinetics

Neurotoxicity; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Hyperthermia (Johnson-Davis, K.L. (482) 151)

Lamotrigine; Anticonvulsant; Electroshock, maximal; Pharmacodynamics (Castel-Branco, M. (482) 163)

Pharmacology

Histamine H₃ receptor; (Monkey); Cloning; Expression; G-protein coupled receptor (Yao, B.B. (482) 49)

Phytoestrogen

Cerebral artery; Ca²⁺ channel; Nitric oxide (NO); Estrogen; Stroke (Torregrosa, G. (482) 227)

PKC (protein kinase C)

Artemisinin; Leukemia; Cell differentiation; ERK (extracellular-regulated kinase) (Kim, S.H. (482) 67)

Platelet inhibition, in vivo

MAHMA NONOate; Nitric oxide (NO) donors; *S*-nitrosoglutathione; Vasodepression systemic (Homer, K.L. (482) 265)

Poly(ADP-ribose) polymerase-1 cleavage

Apoptosis; Sesquiterpene lactone; Cytotoxic activity; Caspase; Cytochrome *c* release (Rivero, A. (482) 77)

POMC (proopiomelanocortin)

Axotomy; Injury; mRNA expression; Melanocortin receptor; Retina (Lindqvist, N. (482) 85)

Prooxidant

Quercetin; Antioxidant; Glutathione; Malondialdehyde (Choi, E.J. (482) 281)

Prostanoid

U46619; Prostanoid TP receptor; Tachykinin NK₁ receptor; Emetic; Anti-emetic; (*Suncus murinus*) (Kan, K.K.W. (482) 297)

Prostanoid TP receptor

U46619; Tachykinin NK₁ receptor; Emetic; Anti-emetic; Prostanoid; (*Suncus murinus*) (Kan, K.K.W. (482) 297)

Pulmonary artery

α_{1D} -Adrenoceptor subtype; WB 4101; Chloroethylclonidine; Pulmonary hypertension (Oriowo, M.A. (482) 255)

Pulmonary hypertension

α_{1D} -Adrenoceptor subtype; WB 4101; Chloroethylclonidine; Pulmonary artery (Oriowo, M.A. (482) 255)

Purinoreceptor subtype P_{2x7}

Interleukin-18; Lipopolysaccharide; Monocyte; Inflammation; Glyburide (Mühl, H. (482) 325)

Pyrrolidine dithiocarbamate

Renal/kidney; Reperfusion-injury; Dithiocarbamates; Nuclear factor- κ B; Inducible nitric oxide synthase; Nitric oxide (Chatterjee, P.K. (482) 271)

Quercetin

Antioxidant; Prooxidant; Glutathione; Malondialdehyde (Choi, E.J. (482) 281)

Radioligand binding

Muscarinic receptor; [³H]Quinuclidinyl benzylate; Colon, human; Circular muscle; Alkylating agent (Mansfield, K.J. (482) 101)

GABA_A receptor; HEK 293 cell; GABA (γ -aminobutyric acid); Diazepam; Muscimol (Perićić, D. (482) 117)

(Rat)

Cutaneous blood flow; Passive cutaneous anaphylaxis; 5-Hydroxytryptamine receptor; Histamine H₂ receptor (Hayashi, K.-i. (482) 305) Hot flush; Mirtazapine; Oestrogen; Tail-temperature (Berendsen, H.H.G. (482) 329)

R(-)-1-(Benzofuran-2-yl)-2-propylaminopentane [(–)-BPAP]

Catecholaminergic and serotonergic activity enhancer; Human embryonic kidney 293 cell; Parkinson's disease; Transporter; Tyramine (Shimazu, S. (482) 9)

Receptor autoradiography

μ -Opioid; κ -Opioid; δ -Opioid; 3,4-Dimethyl-4-(3-hydroxyphenyl)piperidine; Antagonist (Statnick, M.A. (482) 139)

Renal/kidney

Reperfusion-injury; Dithiocarbamates; Pyrrolidine dithiocarbamate; Nuclear factor- κ B; Inducible nitric oxide synthase; Nitric oxide (Chatterjee, P.K. (482) 271)

Reperfusion-injury

Renal/kidney; Dithiocarbamates; Pyrrolidine dithiocarbamate; Nuclear factor- κ B; Inducible nitric oxide synthase; Nitric oxide (Chatterjee, P.K. (482) 271)

Retina

Axotomy; Injury; mRNA expression; POMC (proopiomelanocortin); Melanocortin receptor (Lindqvist, N. (482) 85)

Rotarod

Cross-tolerance; Ethanol; Flunitrazepam; GABA_A receptor; Gaboxadol; THIP; Hypnotic; Zolpidem; Indiplon (Voss, J. (482) 215)

Sarafotoxin 6c

MAP Mitogen-activated protein (kinase); ERK (Extracellular signal-regulated kinase)1/2; Endothelin; ET_B receptor (Uddman, E. (482) 39)

Seizure

Clobenpropit; Endogenous histamine; Immapip; α -Fluoromethylhistidine (Zhang, L. (482) 169)

Self-administration

MDMA (3,4-Methylenedioxymethamphetamine); Temperature (Cornish, J.L. (482) 339)

Sensitization

Apomorphine; Morphine; Nitric oxide (NO); L-Arginine; L-NAME (*N*^G-nitro-L-arginine methyl ester); Locomotor activity; (Mouse) (Zarrindast, M.-R. (482) 205)

Sesquiterpene lactone

Apoptosis; Cytotoxic activity; Caspase; Poly(ADP-ribose) polymerase-1 cleavage; Cytochrome *c* release (Rivero, A. (482) 77)

Smooth muscle

K⁺ channel, ATP-sensitive; MCC-134; Sulphonylurea receptor; Urethra (Yunoki, T. (482) 287)

Smooth muscle relaxation

β_3 -Adrenoceptor; β -Adrenoceptor; ($\pm$)-Bupranolol; ($\pm$)-CGP12177A; Abdominal aorta, rat (Matsushita, M. (482) 235)

S-nitrosoglutathione

Platelet inhibition, in vivo; MAHMA NONOate; Nitric oxide (NO) donors; Vasodepression systemic (Homer, K.L. (482) 265)

SpAMDA

5-HT receptor; 5-HT_{2A} receptor antagonist (Peddi, S. (482) 335)

Spinal cord

Agonist; Antinociception; Galanin receptor; Hyperalgesia; Neuropathy; Pain (Wu, W.-P. (482) 133)

Spinal reflex

5-Hydroxytryptophan; 5-HT receptor subtype (Honda, M. (482) 155)

Stilbene derivative

Cl[−] concentration, intracellular; Lectin; Jurkat T lymphocyte, human; Cl[−]-free condition; 9-AC (Lai, Z.-F. (482) 1)

Stroke

Cocaine; Apoptosis; Cerebral vascular smooth muscle cell (Su, J. (482) 61)

Phytoestrogen; Cerebral artery; Ca²⁺ channel; Nitric oxide (NO); Estrogen (Torregrosa, G. (482) 227)

 α 7-Subunit

Nicotinic receptor; Bleomycin; Apoptosis; HL-60 cell (Gimonet, D. (482) 25)

Sulphonylurea receptor

K⁺ channel, ATP-sensitive; MCC-134; Urethra; Smooth muscle (Yunoki, T. (482) 287)

(*Suncus murinus*)

U46619; Prostanoid TP receptor; Tachykinin NK₁ receptor; Emetic; Anti-emetic; Prostanoid (Kan, K.K.W. (482) 297)

Tachykinin NK₁ receptor

U46619; Prostanoid TP receptor; Emetic; Anti-emetic; Prostanoid; (*Suncus murinus*) (Kan, K.K.W. (482) 297)

Tail-temperature

Hot flush; Mirtazapine; Oestrogen; (Rat) (Berendsen, H.H.G. (482) 329)

Taxidermized predator

WAY 100635; Marmoset, monkey; Anxiety; Figure-eight maze (Barros, M. (482) 197)

Temperature

MDMA (3,4-Methylenedioxymethamphetamine); Self-administration (Cornish, J.L. (482) 339)

THIP

Cross-tolerance; Ethanol; Flunitrazepam; GABA_A receptor; Gaboxadol; Hypnotic; Rotarod; Zolpidem; Indiplon (Voss, J. (482) 215)

Tramadol

Non-steroidal anti-inflammatory drug (NSAID); Antagonism; Interaction; Gastrointestinal transit (Planas, E. (482) 223)

Transporter

R(-)-1-(Benzofuran-2-yl)-2-propylaminopentane [(–)-BPAP]; Catecholaminergic and serotonergic activity enhancer; Human embryonic kidney 293 cell; Parkinson's disease; Tyramine (Shimazu, S. (482) 9)

Tyramine

R(-)-1-(Benzofuran-2-yl)-2-propylaminopentane [(–)-BPAP]; Catecholaminergic and serotonergic activity enhancer; Human embryonic kidney 293 cell; Parkinson's disease; Transporter (Shimazu, S. (482) 9)

U46619

Prostanoid TP receptor; Tachykinin NK₁ receptor; Emetic; Anti-emetic; Prostanoid; (*Suncus murinus*) (Kan, K.K.W. (482) 297)

Urethra

K⁺ channel, ATP-sensitive; MCC-134; Sulphonylurea receptor; Smooth muscle (Yunoki, T. (482) 287)

Vasodepression systemic

Platelet inhibition, in vivo; MAHMA NONOate; Nitric oxide (NO) donors; *S*-nitrosoglutathione (Homer, K.L. (482) 265)

WAY 100635

Marmoset, monkey; Anxiety; Figure-eight maze; Taxidermized predator (Barros, M. (482) 197)

WB 4101

α_{1D} -Adrenoceptor subtype; Chloroethylclonidine; Pulmonary artery; Pulmonary hypertension (Oriowo, M.A. (482) 255)

Zolpidem

Cross-tolerance; Ethanol; Flunitrazepam; GABA_A receptor; Gaboxadol; THIP; Hypnotic; Rotarod; Indiplon (Voss, J. (482) 215)