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Accumbens

Dopamine; NMDA (*N*-methyl-D-aspartate); Prepulse inhibition; Schizophrenia; (Rat) (Reijmers, L.G.J.E. (272) 131)

Acetylshikonin

Hind-paw edema; Cutaneous anaphylaxis, passive; Neurogenic inflammation; Vascular permeability; Compound 48/80; [Thi^{5,8},D-Phe⁷]Bradykinin; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

Achatin-I

Histamine H₁ receptor antagonist, blocking effect; Neuropeptide; (Snail) (Santos, D.E. (272) 231)

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Diurnal alteration; Opioid mechanism; Corticosterone; Prolactin (Kiem, D.T. (272) 145)

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α_{1A} -Adrenoceptor

α_1 -Adrenoceptor subtype; Liver; Hepatocyte membrane (García-Sáinz, J.A. (272) 139)

α_2 -Adrenoceptor

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β -Adrenoceptor

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β -Adrenoceptor agonist

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α_1 -Adrenoceptor subtype

Liver; Hepatocyte membrane; α_{1A} -Adrenoceptor (García-Sáinz, J.A. (272) 139)

α_{1D} -Adrenoceptor subtype

α_1 -Adrenoceptor; BMY 7378 (Goetz, A.S. (272) R5)

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Histamine; Prostanoid; (Human) (Knight, D.A. (272) 13)

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Allergy

Eosinophil; β -Adrenoceptor agonist; Inflammation; Passive cutaneous anaphylactic reaction (Teixeira, M.M. (272) 185)

Allosteric modulation

Muscarinic receptor; Alcuronium; Heart (Maaß, A. (272) 103)

Aminoguanidine

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Nitric oxide (NO); Meningitis; Blood-cerebrospinal fluid barrier (Boje, K.M.K. (272) 297)

cAMP

Cerebral ischemia; Rolipram; Phosphodiesterase; Hippocampus; (Gerbil) (Kato, H. (272) 107)

Anandamide

Cannabinoid; Phenylmethylsulphonyl fluoride; *R*-(+)-Arachidonyl-1'-hydroxy-2'-propylamide; Vas deferens, mouse; Myenteric plexus preparation, guinea-pig (Pertwee, R.G. (272) 73)

Angiotensin II

Neuropeptide Y; Vasoconstriction; Second messenger; Femoral artery (Cressier, F. (272) 57)

Aniracetam

D-Cycloserine; Oxiracetam; NMDA receptor; Noradrenaline release; Kynurenic acid (Pittaluga, A. (272) 203)

Antidepressant

Benzodiazepine receptor, peripheral type; Olfactory bulbectomy; Thymus; Spleen; Adrenal (Dennis, T. (272) 279)

Antiplatelet activity

FK409; TRK-100 (Hirasawa, Y. (272) 39)

Anxiolytic mechanism

Ultrasonic distress call; Cerebral cortex; Lesion; Diazepam; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin hydrobromide) (Naito, H. (272) 261)

R-(+)-Arachidonyl-1'-hydroxy-2'-propylamide

Cannabinoid; Phenylmethylsulphonyl fluoride; Anandamide; Vas deferens, mouse; Myenteric plexus preparation, guinea-pig (Pertwee, R.G. (272) 73)

Area postrema

Emesis; Dopamine; α_2 -Adrenoceptor; (Cat); (Intracerebroventricular injection) (Jovanović-Mićić, D. (272) 21)

Behavioral syndrome

5-HT_{1A} receptor; Corticosterone; Glucose; 5-HT (5-hydroxytryptamine, serotonin); (S)-UH301; Flesinoxan (Groenink, L. (272) 177)

Benzalkonium chloride

Mast cell, cutaneous; Neuropeptide Y; Mastoparan; G-protein; Pertussis toxin; Neuraminidase (Emadi-Khiav, B. (272) 97)

Benzodiazepine

Cell proliferation; Lung; (Chinese hamster) (Camins, A. (272) 289)

Benzodiazepine receptor, peripheral type

Olfactory bulbectomy; Thymus; Spleen; Adrenal; Antidepressant (Dennis, T. (272) 279)

Blood-cerebrospinal fluid barrier

Nitric oxide (NO); Meningitis; Aminoguanidine (Boje, K.M.K. (272) 297)

Blood pressure

Nitric oxide (NO); Aminoguanidine; Nitric oxide (NO) synthase; Microcirculation; Endotoxin (Laszlo, F. (272) 169)

BMY 7378

α_1 -Adrenoceptor; α_{1D} -Adrenoceptor subtype (Goetz, A.S. (272) R5)

[Thi^{5,8},D-Phe⁷]Bradykinin

Acetylshikonin; Hind-paw edema; Cutaneous anaphylaxis, passive; Neurogenic inflammation; Vascular permeability; Compound 48/80; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

Cannabinoid

Opioid; Noradrenaline; β , γ -Methylene-L-ATP; Vas deferens, mouse; Tolerance (Pertwee, R.G. (272) 67)

Phenylmethylsulphonyl fluoride; Anandamide; R-(+)-Arachidonyl-1'-hydroxy-2'-propylamide; Vas deferens, mouse; Myenteric plexus preparation, guinea-pig (Pertwee, R.G. (272) 73)

Ca²⁺ overload

Ischemia/reperfusion; Lidocaine; Mexiletine; Na⁺ overload (Kamiyama, T. (272) 151)

Carrageenin, inflammation

c-Fos expression; Indomethacin; Nociception (Honoré, P. (272) 249)

Cell proliferation

Benzodiazepine; Lung; (Chinese hamster) (Camins, A. (272) 289)

Cerebral cortex

Ultrasonic distress call; Lesion; Anxiolytic mechanism; Diazepam; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin hydrobromide) (Naito, H. (272) 261)

Cerebral ischemia

Rolipram; cAMP; Phosphodiesterase; Hippocampus; (Gerbil) (Kato, H. (272) 107)

CGRP (calcitonin gene-related peptide)

Adrenomedullin; Vascular bed, intestinal; Vasoactive peptide; (Six-membered ring structure) (Santiago, J.A. (272) 115)

Circling

Dopamine; Microinjection; MK-801; Potentiation; Striatum, rat; 6-Hydroxydopamine (St-Pierre, J.-A. (272) 123)

Clonidine

DAMGO ([D-Ala²,MePhe⁴,Gly(ol)⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Nalorphine; U50,488; Xylazine (Paul, D. (272) 111)

Compound 48/80

Acetylshikonin; Hind-paw edema; Cutaneous anaphylaxis, passive; Neurogenic inflammation; Vascular permeability; [Thi^{5,8},D-Phe⁷]Bradykinin; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

Corticosterone

Social defeat; 5-HT_{1A} receptor; Subsensitivity (Korte, S.M. (272) 45)

Diurnal alteration; Opioid mechanism; ACTH (adrenocorticotrophin); Prolactin (Kiem, D.T. (272) 145)

5-HT_{1A} receptor; Glucose; 5-HT (5-hydroxytryptamine, serotonin); Behavioral syndrome; (S)-UH301; Flesinoxan (Groenink, L. (272) 177)

Cutaneous anaphylaxis, passive

Acetylshikonin; Hind-paw edema; Neurogenic inflammation; Vascular permeability; Compound 48/80; [Thi^{5,8},D-Phe⁷]Bradykinin; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

D-Cycloserine

Oxiracetam; Aniracetam; NMDA receptor; Noradrenaline release; Kynurenic acid (Pittaluga, A. (272) 203)

DAMGO ([D-Ala²,MePhe⁴,Gly(ol)⁵]enkephalin)

DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Nalorphine; U50,488; Xylazine; Clonidine (Paul, D. (272) 111)

DAMGO ([D-Ala²,NMePhe⁴,Gly-ol⁵]enkephalin)

DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Naltrindole; ICI174864; 5-HT (5-hydroxytryptamine, serotonin); Spinal cord (Monroe, P.J. (272) 51)

Diazepam

Ultrasonic distress call; Cerebral cortex; Lesion; Anxiolytic mechanism; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin hydrobromide) (Naito, H. (272) 261)

Diurnal alteration

Opioid mechanism; ACTH (adrenocorticotrophin); Corticosterone; Prolactin (Kiem, D.T. (272) 145)

Dopamine

Emesis; α_2 -Adrenoceptor; Area postrema; (Cat); (Intracerebroventricular injection) (Jovanović-Mićić, D. (272) 21)

NMDA (N-methyl-D-aspartate); TRH (thyrotropin-releasing hormone); Striatum; (Rabbit) (Popoli, P. (272) 119)

Microinjection; MK-801; Circling; Potentiation; Striatum, rat; 6-Hydroxydopamine (St-Pierre, J.-A. (272) 123)

NMDA (N-methyl-D-aspartate); Accumbens; Prepulse inhibition; Schizophrenia; (Rat) (Reijmers, L.G.J.E. (272) 131)

Nitric oxide (NO); Motor behavior; Reserpine; (Mouse) (Starr, M.S. (272) 211)

Dopamine, endogenous

Dopamine uptake inhibitor; Dopamine receptor agonist; Frontal cortex; Nucleus accumbens; Striatum (Irifune, M. (272) 79)

Dopamine D₂ receptor

7-OH-DPAT (7-hydroxy-*N,N*-di-*n*-propyl-2-aminotetralin); Dopamine D₃ receptor (Gonzalez, A.M. (272) R1)

Dopamine D₃ receptor

7-OH-DPAT (7-hydroxy-*N,N*-di-*n*-propyl-2-aminotetralin); Dopamine D₂ receptor (Gonzalez, A.M. (272) R1)

Dopamine receptor agonist

Dopamine uptake inhibitor; Dopamine, endogenous; Frontal cortex; Nucleus accumbens; Striatum (Irifune, M. (272) 79)

Dopamine uptake inhibitor

Dopamine receptor agonist; Dopamine, endogenous; Frontal cortex; Nucleus accumbens; Striatum (Irifune, M. (272) 79)

DPDPE ([D-Pen²,D-Pen⁵]enkephalin)

DAMGO ([D-Ala²,NMePhe⁴,Gly-ol⁵]enkephalin); Naltrindole; ICI-174864; 5-HT (5-hydroxytryptamine, serotonin); Spinal cord (Monroe, P.J. (272) 51)

DAMGO ([D-Ala²,MePhe⁴,Gly(ol)⁵]enkephalin); Nalorphine; U50,488; Xylazine; Clonidine (Paul, D. (272) 111)

Ebselen

Ethanol; Gastric mucosal injury, murine; Gastric surface mucous cell line GSM06; Lipid peroxide; Peptidoleukotriene (Tabuchi, Y. (272) 195)

Emesis

Dopamine; α_2 -Adrenoceptor; Area postrema; (Cat); (Intracerebroventricular injection) (Jovanović-Mićić, D. (272) 21)

Endothelin

α,β -Methylene ATP; Phosphoramidon; Suramin; Sympathetic co-transmission; Vas deferens, rat (Lau, W.A.K. (272) 31)

Endotoxin

Nitric oxide (NO); Aminoguanidine; Nitric oxide (NO) synthase; Microcirculation; Blood pressure (Laszlo, F. (272) 169)

Eosinophil

β -Adrenoceptor agonist; Allergy; Inflammation; Passive cutaneous anaphylactic reaction (Teixeira, M.M. (272) 185)

E-selectin

Splanchnic artery occlusion shock; Leukocyte accumulation (Altavilla, D. (272) 223)

Ethanol

Ebselen; Gastric mucosal injury, murine; Gastric surface mucous cell line GSM06; Lipid peroxide; Peptidoleukotriene (Tabuchi, Y. (272) 195)

Femoral artery

Neuropeptide Y; Angiotensin II; Vasoconstriction; Second messenger (Cressier, F. (272) 57)

FK409

TRK-100; Antiplatelet activity (Hirasawa, Y. (272) 39)

Flesinoxan

5-HT_{1A} receptor; Corticosterone; Glucose; 5-HT (5-hydroxytryptamine, serotonin); Behavioral syndrome; (S)-UH301 (Groenink, L. (272) 177)

Flexor reflex

Inositol triphosphate; Motoneuron; Neuropeptide Y; Nociception; Spinal cord (Xu, X.-J. (272) 219)

c-Fos expression

Indomethacin; Nociception; Carrageenin, inflammation (Honoré, P. (272) 249)

Frontal cortex

Dopamine uptake inhibitor; Dopamine receptor agonist; Dopamine, endogenous; Nucleus accumbens; Striatum (Irifune, M. (272) 79)

Gastric mucosal injury, murine

Ebselen; Ethanol; Gastric surface mucous cell line GSM06; Lipid peroxide; Peptidoleukotriene (Tabuchi, Y. (272) 195)

Gastric surface mucous cell line GSM06

Ebselen; Ethanol; Gastric mucosal injury, murine; Lipid peroxide; Peptidoleukotriene (Tabuchi, Y. (272) 195)

Glucose

5-HT_{1A} receptor; Corticosterone; 5-HT (5-hydroxytryptamine, serotonin); Behavioral syndrome; (S)-UH301; Flesinoxan (Groenink, L. (272) 177)

G-protein

Mast cell, cutaneous; Neuropeptide Y; Mastoparan; Benzalkonium chloride; Pertussis toxin; Neuraminidase (Emadi-Khiav, B. (272) 97)

GR159897

Tachykinin receptor; Tachykinin NK₂ receptor; Neurokinin A (Beresford, I.J.M. (272) 241)

Heart

Muscarinic receptor; Allosteric modulation; Alcuronium (Maaß, A. (272) 103)

Hepatocyte membrane

α_1 -Adrenoceptor subtype; Liver; α_{1A} -Adrenoceptor (García-Sáinz, J.A. (272) 139)

Hind-paw edema

Acetylshikonin; Cutaneous anaphylaxis, passive; Neurogenic inflammation; Vascular permeability; Compound 48/80; [Thi^{5,8},D-Phe⁷]-Bradykinin; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

Hippocampus

Cerebral ischemia; Rolipram; cAMP; Phosphodiesterase; (Gerbil) (Kato, H. (272) 107)

Histamine

Prostaglandin E₂; Prostacyclin; Airway; (Human) (Knight, D.A. (272) 1)

Prostanoid; Airway; (Human) (Knight, D.A. (272) 13)

Histamine H₁ receptor antagonist, blocking effect

Neuropeptide; Achatin-I; (Snail) (Santos, D.E. (272) 231)

5-HT (5-hydroxytryptamine, serotonin)

DAMGO ([D-Ala²,NMePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Naltrindole; ICI174864; Spinal cord (Monroe, P.J. (272) 51)

5-HT_{1A} receptor; Corticosterone; Glucose; Behavioral syndrome; (S)-UH301; Flesinoxan (Groenink, L. (272) 177)

5-HT_{1A} receptor

Social defeat; Corticosterone; Subsensitivity (Korte, S.M. (272) 45)

Corticosterone; Glucose; 5-HT (5-hydroxytryptamine, serotonin); Behavioral syndrome; (S)-UH301; Flesinoxan (Groenink, L. (272) 177)

6-Hydroxydopamine

Dopamine; Microinjection; MK-801; Circling; Potentiation; Striatum, rat (St-Pierre, J.-A. (272) 123)

ICI174864

DAMGO ([D-Ala², NMePhe⁴, Gly-ol⁵]enkephalin); DPDPE ([D-Pen², D-Pen⁵]enkephalin); Naltrindole; 5-HT (5-hydroxytryptamine, serotonin); Spinal cord (Monroe, P.J. (272) 51)

Indomethacin

c-Fos expression; Nociception; Carrageenin, inflammation (Honoré, P. (272) 249)

Inflammation

Eosinophil; β -Adrenoceptor agonist; Allergy; Passive cutaneous anaphylactic reaction (Teixeira, M.M. (272) 185)

Inositol trisphosphate

Flexor reflex; Motoneuron; Neuropeptide Y; Nociception; Spinal cord (Xu, X.-J. (272) 219)

Ischemia / reperfusion

Ca²⁺ overload; Lidocaine; Mexiletine; Na⁺ overload (Kamiyama, T. (272) 151)

K⁺ channel blocker

Action potential; Langendorff; Refractory period; (Rat); (Guinea-pig) (D'Alonzo, A.J. (272) 269)

K⁺ channel opener

Uterus, human; Rubidium; Levromakalim; P1060 (Criddle, D.N. (272) 293)

Kynurenic acid

D-Cycloserine; Oxiracetam; Aniracetam; NMDA receptor; Noradrenaline release (Pittaluga, A. (272) 203)

Langendorff

Action potential; K⁺ channel blocker; Refractory period; (Rat); (Guinea-pig) (D'Alonzo, A.J. (272) 269)

Lesion

Ultrasonic distress call; Cerebral cortex; Anxiolytic mechanism; Diazepam; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin hydrobromide) (Naito, H. (272) 261)

Leukocyte accumulation

E-selectin; Splanchnic artery occlusion shock (Altavilla, D. (272) 223)

Levromakalim

Uterus, human; Rubidium; K⁺ channel opener; P1060 (Criddle, D.N. (272) 293)

Lidocaine

Ca²⁺ overload; Ischemia/reperfusion; Mexiletine; Na⁺ overload (Kamiyama, T. (272) 151)

Lipid peroxide

Ebselen; Ethanol; Gastric mucosal injury, murine; Gastric surface mucous cell line GSM06; Peptidoleukotriene (Tabuchi, Y. (272) 195)

Liver

α_1 -Adrenoceptor subtype; Hepatocyte membrane; α_{1A} -Adrenoceptor (García-Sáinz, J.A. (272) 139)

Lung

Benzodiazepine; Cell proliferation; (Chinese hamster) (Camins, A. (272) 289)

Mast cell, cutaneous

Neuropeptide Y; Mastoparan; G-protein; Benzalkonium chloride; Pertussis toxin; Neuraminidase (Emadi-Khiav, B. (272) 97)

Mastoparan

Mast cell, cutaneous; Neuropeptide Y; G-protein; Benzalkonium chloride; Pertussis toxin; Neuraminidase (Emadi-Khiav, B. (272) 97)

Meningitis

Nitric oxide (NO); Blood-cerebrospinal fluid barrier; Aminoguanidine (Boje, K.M.K. (272) 297)

α, β -Methylene ATP

Endothelin; Phosphoramidon; Suramin; Sympathetic co-transmission; Vas deferens, rat (Lau, W.A.K. (272) 31)

β, γ -Methylene-L-ATP

Cannabinoid; Opioid; Noradrenaline; Vas deferens, mouse; Tolerance (Pertwee, R.G. (272) 67)

Mexiletine

Ca²⁺ overload; Ischemia/reperfusion; Lidocaine; Na⁺ overload (Kamiyama, T. (272) 151)

Microcirculation

Nitric oxide (NO); Aminoguanidine; Nitric oxide (NO) synthase; Blood pressure; Endotoxin (Laszlo, F. (272) 169)

Microinjection

Dopamine; MK-801; Circling; Potentiation; Striatum, rat; 6-Hydroxydopamine (St-Pierre, J.-A. (272) 123)

MK-801

Dopamine; Microinjection; Circling; Potentiation; Striatum, rat; 6-Hydroxydopamine (St-Pierre, J.-A. (272) 123)

Motoneuron

Flexor reflex; Inositol trisphosphate; Neuropeptide Y; Nociception; Spinal cord (Xu, X.-J. (272) 219)

Motor behavior

Nitric oxide (NO); Dopamine; Reserpine; (Mouse) (Starr, M.S. (272) 211)

Muscarinic receptor

Allosteric modulation; Alcuronium; Heart (Maaß, A. (272) 103)

Myenteric plexus preparation, guinea-pig

Cannabinoid; Phenylmethylsulphonyl fluoride; Anandamide; *R*-(+)-Arachidonyl-1'-hydroxy-2'-propylamide; Vas deferens, mouse (Pertwee, R.G. (272) 73)

Nalorphine

DAMGO ([D-Ala²,MePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); U50,488; Xylazine; Clonidine (Paul, D. (272) 111)

Naltrindole

DAMGO ([D-Ala²,NMePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); ICI174864; 5-HT (5-hydroxytryptamine, serotonin); Spinal cord (Monroe, P.J. (272) 51)

Na⁺ overload

Ca²⁺ overload; Ischemia/reperfusion; Lidocaine; Mexiletine (Kamiyama, T. (272) 151)

Neuraminidase

Mast cell, cutaneous; Neuropeptide Y; Mastoparan; G-protein; Benzalkonium chloride; Pertussis toxin (Emadi-Khiav, B. (272) 97)

Neurogenic inflammation

Acetylshikonin; Hind-paw edema; Cutaneous anaphylaxis, passive; Vascular permeability; Compound 48/80; [Thi^{5,8},D-Phe⁷]Bradykinin; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

Neurokinin A

Tachykinin receptor; Tachykinin NK₂ receptor; GR159897 (Beresford, I.J.M. (272) 241)

Neuropeptide

Histamine H₁ receptor antagonist, blocking effect; Achatin-I; (Snail) (Santos, D.E. (272) 231)

Neuropeptide Y

Angiotensin II; Vasoconstriction; Second messenger; Femoral artery (Cressier, F. (272) 57)

Mast cell, cutaneous; Mastoparan; G-protein; Benzalkonium chloride; Pertussis toxin; Neuraminidase (Emadi-Khiav, B. (272) 97)

Flexor reflex; Inositol trisphosphate; Motoneuron; Nociception; Spinal cord (Xu, X.-J. (272) 219)

Nitric oxide (NO)

Aminoguanidine; Nitric oxide (NO) synthase; Microcirculation; Blood pressure; Endotoxin (Laszlo, F. (272) 169)

Dopamine; Motor behavior; Reserpine; (Mouse) (Starr, M.S. (272) 211)

Meningitis; Blood-cerebrospinal fluid barrier; Aminoguanidine (Boje, K.M.K. (272) 297)

Nitric oxide (NO) synthase

Nitric oxide (NO); Aminoguanidine; Microcirculation; Blood pressure; Endotoxin (Laszlo, F. (272) 169)

NMDA (N-methyl-D-aspartate)

TRH (thyrotropin-releasing hormone); Dopamine; Striatum; (Rabbit) (Popoli, P. (272) 119)

Dopamine; Accumbens; Prepulse inhibition; Schizophrenia; (Rat) (Reijmers, L.G.J.E. (272) 131)

NMDA receptor

D-Cycloserine; Oxiracetam; Aniracetam; Noradrenaline release; Kynurenic acid (Pittaluga, A. (272) 203)

Nociception

Flexor reflex; Inositol trisphosphate; Motoneuron; Neuropeptide Y; Spinal cord (Xu, X.-J. (272) 219)

c-Fos expression; Indomethacin; Carrageenin, inflammation (Honoré, P. (272) 249)

Noradrenaline

Cannabinoid; Opioid; β , γ -Methylene-L-ATP; Vas deferens, mouse; Tolerance (Pertwee, R.G. (272) 67)

Noradrenaline release

D-Cycloserine; Oxiracetam; Aniracetam; NMDA receptor; Kynurenic acid (Pittaluga, A. (272) 203)

Nucleus accumbens

Dopamine uptake inhibitor; Dopamine receptor agonist; Dopamine, endogenous; Frontal cortex; Striatum (Irifune, M. (272) 79)

7-OH-DPAT (7-hydroxy-N,N-di-n-propyl-2-aminotetralin)

Dopamine D₂ receptor; Dopamine D₃ receptor (Gonzalez, A.M. (272) R1)

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

Ultrasonic distress call; Cerebral cortex; Lesion; Anxiolytic mechanism; Diazepam (Naito, H. (272) 261)

Olfactory bulbectomy

Benzodiazepine receptor, peripheral type; Thymus; Spleen; Adrenal; Antidepressant (Dennis, T. (272) 279)

Opioid

Cannabinoid; Noradrenaline; β , γ -Methylene-L-ATP; Vas deferens, mouse; Tolerance (Pertwee, R.G. (272) 67)

Opioid mechanism

Diurnal alteration; ACTH (adrenocorticotrophin); Corticosterone; Prolactin (Kiem, D.T. (272) 145)

Oxiracetam

D-Cycloserine; Aniracetam; NMDA receptor; Noradrenaline release; Kynurenic acid (Pittaluga, A. (272) 203)

P1060

Uterus, human; Rubidium; K⁺ channel opener; Levromakalim (Criddle, D.N. (272) 293)

Passive cutaneous anaphylactic reaction

Eosinophil; β -Adrenoceptor agonist; Allergy; Inflammation (Teixeira, M.M. (272) 185)

Peptidoleukotriene

Ebselen; Ethanol; Gastric mucosal injury, murine; Gastric surface mucous cell line GSM06; Lipid peroxide (Tabuchi, Y. (272) 195)

Pertussis toxin

Mast cell, cutaneous; Neuropeptide Y; Mastoparan; G-protein; Benzalkonium chloride; Neuraminidase (Emadi-Khiav, B. (272) 97)

PET (positron emission tomography)

Receptor imaging; β -Adrenoceptor; Radioligand (Van Waarde, A. (272) 159)

Phenylmethylsulphonyl fluoride

Cannabinoid; Anandamide; R-(+)-Arachidonyl-1'-hydroxy-2'-propylamide; Vas deferens, mouse; Myenteric plexus preparation, guinea-pig (Pertwee, R.G. (272) 73)

Phosphodiesterase

Cerebral ischemia; Rolipram; cAMP; Hippocampus; (Gerbil) (Kato, H. (272) 107)

Phosphoramidon

α,β -Methylene ATP; Endothelin; Suramin; Sympathetic co-transmission; Vas deferens, rat (Lau, W.A.K. (272) 31)

Potentiation

Dopamine; Microinjection; MK-801; Circling; Striatum, rat; 6-Hydroxydopamine (St-Pierre, J.-A. (272) 123)

Prepulse inhibition

Dopamine; NMDA (*N*-methyl-D-aspartate); Accumbens; Schizophrenia; (Rat) (Reijmers, L.G.J.E. (272) 131)

Prolactin

Diurnal alteration; Opioid mechanism; ACTH (adrenocorticotrophin); Corticosterone (Kiem, D.T. (272) 145)

Prostacyclin

Histamine; Prostaglandin E₂; Airway; (Human) (Knight, D.A. (272) 1)

Prostaglandin E₂

Histamine; Prostacyclin; Airway; (Human) (Knight, D.A. (272) 1)

Prostanoid

Histamine; Airway; (Human) (Knight, D.A. (272) 13)

Radioligand

PET (positron emission tomography); Receptor imaging; β -Adrenoceptor (Van Waarde, A. (272) 159)

Receptor imaging

PET (positron emission tomography); β -Adrenoceptor; Radioligand (Van Waarde, A. (272) 159)

Refractory period

Action potential; K⁺ channel blocker; Langendorff; (Rat); (Guinea-pig) (D'Alonzo, A.J. (272) 269)

Reserpine

Nitric oxide (NO); Dopamine; Motor behavior; (Mouse) (Starr, M.S. (272) 211)

Rolipram

Cerebral ischemia; cAMP; Phosphodiesterase; Hippocampus; (Gerbil) (Kato, H. (272) 107)

Rubidium

Uterus, human; K⁺ channel opener; Levromakalim; P1060 (Cridle, D.N. (272) 293)

Schizophrenia

Dopamine; NMDA (*N*-methyl-D-aspartate); Accumbens; Prepulse inhibition; (Rat) (Reijmers, L.G.J.E. (272) 131)

Second messenger

Neuropeptide Y; Angiotensin II; Vasoconstriction; Femoral artery (Cressier, F. (272) 57)

Social defeat

Corticosterone; 5-HT_{1A} receptor; Subsensitivity (Korte, S.M. (272) 45)

Spinal cord

DAMGO ([D-Ala²,NMePhe⁴,Gly-ol⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Naltrindole; ICI174864; 5-HT (5-hydroxytryptamine, serotonin) (Monroe, P.J. (272) 51)

Flexor reflex; Inositol trisphosphate; Motoneuron; Neuropeptide Y; Nociception (Xu, X.-J. (272) 219)

Splanchnic artery occlusion shock

E-selectin; Leukocyte accumulation (Altavilla, D. (272) 223)

Spleen

Benzodiazepine receptor, peripheral type; Olfactory bulbectomy; Thymus; Adrenal; Antidepressant (Dennis, T. (272) 279)

Striatum

Dopamine uptake inhibitor; Dopamine receptor agonist; Dopamine, endogenous; Frontal cortex; Nucleus accumbens (Irfune, M. (272) 79)

NMDA (*N*-methyl-D-aspartate); TRH (thyrotropin-releasing hormone); Dopamine; (Rabbit) (Popoli, P. (272) 119)

Striatum, rat

Dopamine; Microinjection; MK-801; Circling; Potentiation; 6-Hydroxydopamine (St-Pierre, J.-A. (272) 123)

Subsensitivity

Social defeat; Corticosterone; 5-HT_{1A} receptor (Korte, S.M. (272) 45)

[D-Pro²,D-Trp^{7,9}]Substance P

Acetylshikonin; Hind-paw edema; Cutaneous anaphylaxis, passive; Neurogenic inflammation; Vascular permeability; Compound 48/80; [Thi^{5,8},D-Phe⁷]Bradykinin (Wang, J.-P. (272) 87)

Suramin

α,β -Methylene ATP; Endothelin; Phosphoramidon; Sympathetic co-transmission; Vas deferens, rat (Lau, W.A.K. (272) 31)

Sympathetic co-transmission

α,β -Methylene ATP; Endothelin; Phosphoramidon; Suramin; Vas deferens, rat (Lau, W.A.K. (272) 31)

Tachykinin NK₂ receptor

Tachykinin receptor; Neurokinin A; GR159897 (Beresford, I.J.M. (272) 241)

Tachykinin receptor

Tachykinin NK₂ receptor; Neurokinin A; GR159897 (Beresford, I.J.M. (272) 241)

Thymus

Benzodiazepine receptor, peripheral type; Olfactory bulbectomy; Spleen; Adrenal; Antidepressant (Dennis, T. (272) 279)

Tolerance

Cannabinoid; Opioid; Noradrenaline; β,γ -Methylene-L-ATP; Vas deferens, mouse (Pertwee, R.G. (272) 67)

TRH (thyrotropin-releasing hormone)

NMDA (*N*-methyl-D-aspartate); Dopamine; Striatum; (Rabbit) (Popoli, P. (272) 119)

TRK-100

FK409; Antiplatelet activity (Hirasawa, Y. (272) 39)

U50,488

DAMGO ([D-Ala²,MePhe⁴,Gly(ol)⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Nalorphine; Xylazine; Clonidine (Paul, D. (272) 111)

(S)-UH301

5-HT_{1A} receptor; Corticosterone; Glucose; 5-HT (5-hydroxytryptamine, serotonin); Behavioral syndrome; Flesinoxan (Groenink, L. (272) 177)

Ultrasonic distress call

Cerebral cortex; Lesion; Anxiolytic mechanism; Diazepam; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin hydrobromide) (Naito, H. (272) 261)

Uterus, human

Rubidium; K⁺ channel opener; Levromakalim; P1060 (Criddle, D.N. (272) 293)

Vascular bed, intestinal

Adrenomedullin; Vasoactive peptide; CGRP (calcitonin gene-related peptide); (Six-membered ring structure) (Santiago, J.A. (272) 115)

Vascular permeability

Acetylshikonin; Hind-paw edema; Cutaneous anaphylaxis, passive; Neurogenic inflammation; Compound 48/80; [Thi^{5,8},D-Phe⁷]Bradykinin; [D-Pro²,D-Trp^{7,9}]Substance P (Wang, J.-P. (272) 87)

Vas deferens, mouse

Cannabinoid; Opioid; Noradrenaline; β , γ -Methylene-L-ATP; Tolerance (Pertwee, R.G. (272) 67)

Cannabinoid; Phenylmethanesulfonyl fluoride; Anandamide; *R*-(+)-Arachidonyl-1'-hydroxy-2'-propylamide; Myenteric plexus preparation, guinea-pig (Pertwee, R.G. (272) 73)

Vas deferens, rat

α , β -Methylene ATP; Endothelin; Phosphoramidon; Suramin; Sympathetic co-transmission (Lau, W.A.K. (272) 31)

Vasoactive peptide

Adrenomedullin; Vascular bed, intestinal; CGRP (calcitonin gene-related peptide); (Six-membered ring structure) (Santiago, J.A. (272) 115)

Vasoconstriction

Neuropeptide Y; Angiotensin II; Second messenger; Femoral artery (Cressier, F. (272) 57)

Xylazine

DAMGO ([D-Ala²,MePhe⁴,Gly(ol)⁵]enkephalin); DPDPE ([D-Pen²,D-Pen⁵]enkephalin); Nalorphine; U50,488; Clonidine (Paul, D. (272) 111)