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Acetylcholine

Hyperglycemia
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Huperzine A; Tacrine; Donepezil; Rivastigmine; Physostigmine; Alzheimer's disease; (Rat) (Zhao, Q. (455) 101)

Acid extrusion

Microphysiometer; P2Y purinoceptor; Na⁺/H⁺ exchanger (Okada, Y. (455) 19)

Adenosine receptors blockade

Hypertension; Angiotensin II; Vascular reactivity (Morato, M. (455) 135)

α₁-Adrenoceptor

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NAN-190; Hypotension; Rat, anaesthetized; Rat, pithed (Villalobos-Molina, R. (455) 59)

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Acetylcholinesterase isoform; Huperzine A; Tacrine; Donepezil; Rivastigmine; Physostigmine; (Rat) (Zhao, Q. (455) 101)

Angiotensin II

Adenosine receptors blockade; Hypertension; Vascular reactivity (Morato, M. (455) 135)

Animal model

Depression, endogenous; 5-HT (5-hydroxytryptamine, serotonin); REM (rapid eye movement) sleep; Mianserin; mCPP (Mavanji, V. (455) 35)

Antidepressant

c-fos; Citalopram; 5-HT_{1A} receptor; WAY 100635; Hypothalamic–pituitary–adrenal axis (Jongsma, M.E. (455) 109)

Antipsychotic drug

Dopamine; Mesolimbic; Clozapine; Prefrontal cortex (Westerink, B.H.C. (455) 1)

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L-Citrulline recycling; Gastric fundus, rat; Argininosuccinate synthetase; Nitric oxide (NO) synthase, Neuronal (Van Geldre, L.A. (455) 149)

Argininosuccinate synthetase

L-Citrulline recycling; Gastric fundus, rat; Argininosuccinate lyase; Nitric oxide (NO) synthase, Neuronal (Van Geldre, L.A. (455) 149)

Arterial pressure, mean

Nociceptin; ORL1 receptor; Circulatory filling pressure, mean; Venous tone; Capacitance vessel; Ganglionic blockade (Abdelrahman, A.M. (455) 143)

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Beta-oxidation

Atorvastatin; BMS-201038; Triglyceride; (Rat) (Funatsu, T. (455) 161)

BMS-201038

Atorvastatin; Beta-oxidation; Triglyceride; (Rat) (Funatsu, T. (455) 161)

Brain

Noradrenaline; Plasma; Interleukin-1β; Nitric oxide (NO) synthase, inducible (Murakami, Y. (455) 73)

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Lidocaine; Ropivacaine; Cholesterol; Membrane ionic permeability (Pardo, L. (455) 81)

Ca²⁺ channel

Uterus; Mibefradil (Asokan, K.T. (455) 65)

Capacitance vessel

Nociceptin; ORL1 receptor; Arterial pressure, mean; Circulatory filling pressure, mean; Venous tone; Ganglionic blockade (Abdelrahman, A.M. (455) 143)

Catecholamine

Fenfluramine; Lipopolysaccharide; Interleukin-1β; TNF-α (tumor necrosis factor-α); Interleukin-10, glucocorticoid (Connor, T.J. (455) 175)

Cerebral circulation time (canine model)

PAF (platelet-activating factor); Cerebral vasospasm; Intra-arterial digital subtraction angiography; Subarachnoid hemorrhage (Abe, Y. (455) 127)

Cerebral vasospasm

PAF (platelet-activating factor); Intra-arterial digital subtraction angiography; Cerebral circulation time (canine model); Subarachnoid hemorrhage (Abe, Y. (455) 127)

c-fos

Antidepressant; Citalopram; 5-HT_{1A} receptor; WAY 100635; Hypothalamic–pituitary–adrenal axis (Jongsma, M.E. (455) 109)

Chemical ischemia

Glutamate; Neurotoxicity; σ Receptor ligand; Cortical culture (Kume, T. (455) 91)

Cholesterol

Lidocaine; Ropivacaine; Bupicaine; Membrane ionic permeability (Pardo, L. (455) 81)

Circulatory filling pressure, mean

Nociceptin; ORL1 receptor; Arterial pressure, mean; Venous tone; Capacitance vessel; Ganglionic blockade (Abdelrahman, A.M. (455) 143)

Citalopram

c-fos; Antidepressant; 5-HT_{1A} receptor; WAY 100635; Hypothalamic–pituitary–adrenal axis (Jongsma, M.E. (455) 109)

L-Citrulline recycling

Gastric fundus, rat; Argininosuccinate synthetase; Argininosuccinate lyase; Nitric oxide (NO) synthase, Neuronal (Van Geldre, L.A. (455) 149)

Clozapine

Dopamine; Mesolimbic; Antipsychotic drug; Prefrontal cortex (Westerink, B.H.C. (455) 1)

Cocaine

Dopamine; Norepinephrine; α_1 -Adrenoceptor; Prazosin; Hypophagia; Hyperlocomotion; (Rat) (Wellman, P. (455) 117)

Cortical culture

Chemical ischemia; Glutamate; Neurotoxicity; σ Receptor ligand (Kume, T. (455) 91)

Depression, endogenous

Animal model; 5-HT (5-hydroxytryptamine, serotonin); REM (rapid eye movement) sleep; Mianserin; mCPP (Mavanji, V. (455) 35)

Diabetes mellitus

Hyperglycemia; Microcirculation; Streptozotocin; Acetylcholine; Sodium nitroprusside; Nitric oxide (van Dam, B. (455) 43)

Donepezil

Acetylcholinesterase isoform; Huperzine A; Tacrine; Rivastigmine; Physostigmine; Alzheimer's disease; (Rat) (Zhao, Q. (455) 101)

Dopamine

Mesolimbic; Antipsychotic drug; Clozapine; Prefrontal cortex (Westerink, B.H.C. (455) 1)

Norepinephrine; α_1 -Adrenoceptor; Cocaine; Prazosin; Hypophagia; Hyperlocomotion; (Rat) (Wellman, P. (455) 117)

Fasudil

Unilateral ureteral obstruction; Renal interstitial fibrosis; Macrophage; Rhokinase (Sato, S.-i. (455) 169)

Fenfluramine

Lipopolysaccharide; Interleukin-1 β ; TNF- α (tumor necrosis factor- α); Interleukin-10, glucocorticoid; Catecholamine (Connor, T.J. (455) 175)

Ganglionic blockade

Nociceptin; ORL1 receptor; Arterial pressure, mean; Circulatory filling pressure, mean; Venous tone; Capacitance vessel (Abdelrahman, A.M. (455) 143)

Gastric fundus, rat

L-Citrulline recycling; Argininosuccinate synthetase; Argininosuccinate lyase; Nitric oxide (NO) synthase, Neuronal (Van Geldre, L.A. (455) 149)

Genistein

Thrombosis; Soy; Isoflavone; Platelet aggregation (Kondo, K. (455) 53)

Glutamate

Chemical ischemia; Neurotoxicity; σ Receptor ligand; Cortical culture (Kume, T. (455) 91)

Glycine site

Rhynchophylline; Isorhynchophylline; NMDA receptor (Kang, T.-H. (455) 27)

5-HT_{1A} receptor

c-fos; Antidepressant; Citalopram; WAY 100635; Hypothalamic–pituitary–adrenal axis (Jongsma, M.E. (455) 109)

5-HT (5-hydroxytryptamine, serotonin)

Animal model; Depression, endogenous; REM (rapid eye movement) sleep; Mianserin; mCPP (Mavanji, V. (455) 35)

Huperzine A

Acetylcholinesterase isoform; Tacrine; Donepezil; Rivastigmine; Physostigmine; Alzheimer's disease; (Rat) (Zhao, Q. (455) 101)

Hyperglycemia

Microcirculation; Streptozotocin; Acetylcholine; Sodium nitroprusside; Nitric oxide; Diabetes mellitus (van Dam, B. (455) 43)

Hyperlocomotion

Dopamine; Norepinephrine; α_1 -Adrenoceptor; Cocaine; Prazosin; Hypophagia; (Rat) (Wellman, P. (455) 117)

Hypertension

Adenosine receptors blockade; Angiotensin II; Vascular reactivity (Morato, M. (455) 135)

Hypophagia

Dopamine; Norepinephrine; α_1 -Adrenoceptor; Cocaine; Prazosin; Hyperlocomotion; (Rat) (Wellman, P. (455) 117)

Hypotension

NAN-190; Rat, anaesthetized; Rat, pithed; α_1 -Adrenoceptor, vascular (Villalobos-Molina, R. (455) 59)

Hypothalamic–pituitary–adrenal axis

c-fos; Antidepressant; Citalopram; 5-HT_{1A} receptor; WAY 100635 (Jongsma, M.E. (455) 109)

Interleukin-1 β

Noradrenaline; Plasma; Nitric oxide (NO) synthase, inducible; Brain (Murakami, Y. (455) 73)

Fenfluramine; Lipopolysaccharide; TNF- α (tumor necrosis factor- α); Interleukin-10, glucocorticoid; Catecholamine (Connor, T.J. (455) 175)

Interleukin-10, glucocorticoid

Fenfluramine; Lipopolysaccharide; Interleukin-1 β ; TNF- α (tumor necrosis factor- α); Catecholamine (Connor, T.J. (455) 175)

Intra-arterial digital subtraction angiography

PAF (platelet-activating factor); Cerebral vasospasm; Cerebral circulation time (canine model); Subarachnoid hemorrhage (Abe, Y. (455) 127)

Isoflavone

Genistein; Thrombosis; Soy; Platelet aggregation (Kondo, K. (455) 53)

Isorhynchophylline

Rhynchophylline; NMDA receptor; Glycine site (Kang, T.-H. (455) 27)

Lidocaine

Ropivacaine; Bupivacaine; Cholesterol; Membrane ionic permeability (Pardo, L. (455) 81)

Lipopolysaccharide

Fenfluramine; Interleukin-1 β ; TNF- α (tumor necrosis factor- α); Interleukin-10, glucocorticoid; Catecholamine (Connor, T.J. (455) 175)

Macrophage

Unilateral ureteral obstruction; Renal interstitial fibrosis; Rho-kinase; Fasudil (Sato, S.-i. (455) 169)

mCPP

Animal model; Depression, endogenous; 5-HT (5-hydroxytryptamine, serotonin); REM (rapid eye movement) sleep; Mianserin (Mavanji, V. (455) 35)

Membrane ionic permeability

Lidocaine; Ropivacaine; Bupivacaine; Cholesterol (Pardo, L. (455) 81)

Mesolimbic

Dopamine; Antipsychotic drug; Clozapine; Prefrontal cortex (Westerink, B.H.C. (455) 1)

Mianserin

Animal model; Depression, endogenous; 5-HT (5-hydroxytryptamine, serotonin); REM (rapid eye movement) sleep; mCPP (Mavanji, V. (455) 35)

Mibefradil

Uterus; Ca^{2+} channel (Asokan, K.T. (455) 65)

Microcirculation

Hyperglycemia; Streptozotocin; Acetylcholine; Sodium nitroprusside; Nitric oxide; Diabetes mellitus (van Dam, B. (455) 43)

Microphysiometer

Acid extrusion; P2Y purinoceptor; Na^+/H^+ exchanger (Okada, Y. (455) 19)

 Na^+/H^+ exchanger

Acid extrusion; Microphysiometer; P2Y purinoceptor (Okada, Y. (455) 19)

NAN-190

Hypotension; Rat, anaesthetized; Rat, pithed; α_1 -Adrenoceptor, vascular (Villalobos-Molina, R. (455) 59)

Neurotoxicity

Chemical ischemia; Glutamate; σ Receptor ligand; Cortical culture (Kume, T. (455) 91)

Nitric oxide

Hyperglycemia; Microcirculation; Streptozotocin; Acetylcholine; Sodium nitroprusside; Diabetes mellitus (van Dam, B. (455) 43)

Nitric oxide (NO) synthase, inducible

Noradrenaline; Plasma; Interleukin-1 β ; Brain (Murakami, Y. (455) 73)

Nitric oxide (NO) synthase, Neuronal

L-Citrulline recycling; Gastric fundus, rat; Argininosuccinate synthetase; Argininosuccinate lyase (Van Geldre, L.A. (455) 149)

NMDA receptor

Rhynchophylline; Isorhynchophylline; Glycine site (Kang, T.-H. (455) 27)

Nociceptin

ORL1 receptor; Arterial pressure, mean; Circulatory filling pressure, mean; Venous tone; Capacitance vessel; Ganglionic blockade (Abdelrahman, A.M. (455) 143)

Noradrenaline

Plasma; Interleukin-1 β ; Nitric oxide (NO) synthase, inducible; Brain (Murakami, Y. (455) 73)

Norepinephrine

Dopamine; α_1 -Adrenoceptor; Cocaine; Prazosin; Hypophagia; Hyperlocomotion; (Rat) (Wellman, P. (455) 117)

ORL1 receptor

Nociceptin; Arterial pressure, mean; Circulatory filling pressure, mean; Venous tone; Capacitance vessel; Ganglionic blockade (Abdelrahman, A.M. (455) 143)

PAF (platelet-activating factor)

Cerebral vasospasm; Intra-arterial digital subtraction angiography; Cerebral circulation time (canine model); Subarachnoid hemorrhage (Abe, Y. (455) 127)

Physostigmine

Acetylcholinesterase isoform; Huperzine A; Tacrine; Donepezil; Rivastigmine; Alzheimer's disease; (Rat) (Zhao, Q. (455) 101)

Plasma

Noradrenaline; Interleukin-1 β ; Nitric oxide (NO) synthase, inducible; Brain (Murakami, Y. (455) 73)

Platelet aggregation

Genistein; Thrombosis; Soy; Isoflavone (Kondo, K. (455) 53)

Prazosin

Dopamine; Norepinephrine; α_1 -Adrenoceptor; Cocaine; Hypophagia; Hyperlocomotion; (Rat) (Wellman, P. (455) 117)

Prefrontal cortex

Dopamine; Mesolimbic; Antipsychotic drug; Clozapine (Westerink, B.H.C. (455) 1)

P2Y purinoceptor

Acid extrusion; Microphysiometer; Na^+/H^+ exchanger (Okada, Y. (455) 19)

(Rat)

Acetylcholinesterase isoform; Huperzine A; Tacrine; Donepezil; Rivastigmine; Physostigmine; Alzheimer's disease (Zhao, Q. (455) 101)

Dopamine; Norepinephrine; α_1 -Adrenoceptor; Cocaine; Prazosin; Hypophagia; Hyperlocomotion (Wellman, P. (455) 117)

Atorvastatin; BMS-201038; Beta-oxidation; Triglyceride (Funatsu, T. (455) 161)

Rat, anaesthetized

NAN-190; Hypotension; Rat, pithed; α_1 -Adrenoceptor, vascular (Villalobos-Molina, R. (455) 59)

Rat, pithed

NAN-190; Hypotension; Rat, anaesthetized; α_1 -Adrenoceptor, vascular (Villalobos-Molina, R. (455) 59)

 σ Receptor ligand

Chemical ischemia; Glutamate; Neurotoxicity; Cortical culture (Kume, T. (455) 91)

REM (rapid eye movement) sleep

Animal model; Depression, endogenous; 5-HT (5-hydroxytryptamine, serotonin); Mianserin; mCPP (Mavanji, V. (455) 35)

Renal interstitial fibrosis

Unilateral ureteral obstruction; Macrophage; Rho-kinase; Fasudil (Sato, S.-i. (455) 169)

Rho-kinase

Unilateral ureteral obstruction; Renal interstitial fibrosis; Macrophage; Fasudil (Sato, S.-i. (455) 169)

Rhynchophylline

Isorhynchophylline; NMDA receptor; Glycine site (Kang, T.-H. (455) 27)

Rivastigmine

Acetylcholinesterase isoform; Huperzine A; Tacrine; Donepezil; Physostigmine; Alzheimer's disease; (Rat) (Zhao, Q. (455) 101)

Ropivacaine

Lidocaine; Bupivacaine; Cholesterol; Membrane ionic permeability (Pardo, L. (455) 81)

Sodium nitroprusside

Hyperglycemia; Microcirculation; Streptozotocin; Acetylcholine; Nitric oxide; Diabetes mellitus (van Dam, B. (455) 43)

Soy

Genistein; Thrombosis; Isoflavone; Platelet aggregation (Kondo, K. (455) 53)

Streptozotocin

Hyperglycemia; Microcirculation; Acetylcholine; Sodium nitroprusside; Nitric oxide; Diabetes mellitus (van Dam, B. (455) 43)

Subarachnoid hemorrhage

PAF (platelet-activating factor); Cerebral vasospasm; Intra-arterial digital subtraction angiography; Cerebral circulation time (canine model) (Abe, Y. (455) 127)

Tacrine

Acetylcholinesterase isoform; Huperzine A; Donepezil; Rivastigmine; Physostigmine; Alzheimer's disease; (Rat) (Zhao, Q. (455) 101)

Hyperglycemia; Microcirculation; Streptozotocin; Sodium nitroprusside; Nitric oxide; Diabetes mellitus (van Dam, B. (455) 43)

Thrombosis

Genistein; Soy; Isoflavone; Platelet aggregation (Kondo, K. (455) 53)

TNF- α (tumor necrosis factor- α)

Fenfluramine; Lipopolysaccharide; Interleukin-1 β ; Interleukin-10, glucocorticoid; Catecholamine (Connor, T.J. (455) 175)

Triglyceride

Atorvastatin; BMS-201038; Beta-oxidation; (Rat) (Funatsu, T. (455) 161)

Unilateral ureteral obstruction

Renal interstitial fibrosis; Macrophage; Rho-kinase; Fasudil (Satoh, S.-i. (455) 169)

Uterus

Ca²⁺ channel; Mibefradil (Asokan, K.T. (455) 65)

Vascular reactivity

Adenosine receptors blockade; Hypertension; Angiotensin II (Morato, M. (455) 135)

Venous tone

Nociceptin; ORL1 receptor; Arterial pressure, mean; Circulatory filling pressure, mean; Capacitance vessel; Ganglionic blockade (Abdelrahman, A.M. (455) 143)

WAY 100635

c-fos; Antidepressant; Citalopram; 5-HT_{1A} receptor; Hypothalamic–pituitary–adrenal axis (Jongsma, M.E. (455) 109)