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α_2 -Adrenoceptor

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α_2 -Adrenoceptor subtype

Gastric mucosal damage; Gastric emptying and motility (Fülöp, K. (528) 144)

α_1 -adrenoceptor subtypes

Estrogen receptor subtypes; Pregnant human uterus (Ducza, E. (528) 177)

Addiction

Analgesics; Antidepressant; Drug abuse; Operant behaviour; Opioid; Reinforcement (Magalas, Z. (528) 97)

Adolescence

Opioid; Mu-opioid receptor (White, D.A. (528) 113)

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Amygdala

Corticosterone; Endocannabinoid; 2-arachidonylglycerol (Hill, M.N. (528) 93)

Analgesics

Addiction; Antidepressant; Drug abuse; Operant behaviour; Opioid; Reinforcement (Magalas, Z. (528) 97)

Angiotensin AT₁ receptor antagonist

Angiotensinogen mRNA; Brain renin–angiotensin system; Losartan; Irbesartan (Pediconi, D. (528) 73)

Angiotensin II-receptor blocker

Hypoxic cor pulmonale; Olmesartan medoxomil; Hypoxia; Remodeling; Collagen; Brain natriuretic peptide; TGF- β (Nakamoto, T. (528) 37)

Angiotensinogen mRNA

Brain renin–angiotensin system; Angiotensin AT₁ receptor antagonist; Losartan; Irbesartan (Pediconi, D. (528) 73)

Antidepressant

Addiction; Analgesics; Drug abuse; Operant behaviour; Opioid; Reinforcement (Magalas, Z. (528) 97)

Antinociception

α_2 -Adrenoceptor; 5-HT₃ receptor; MD-354 (*m*-chlorophenylguanidine); In vivo model (Dukat, M. (528) 53)

Antiproliferation

Cdc25B; HTS (high throughput screening); Selectivity; MCF-7; Cdk1 (cell-cycle-dependent kinase 1) (Kim, K.-R. (528) 31)

Antioxidant

Resveratrol; Rat liver; Mitochondria; Permeability transition pore; Reactive oxygen species; Ischemia–reperfusion (Plin, C. (528) 156)

2-arachidonylglycerol

Corticosterone; Amygdala; Endocannabinoid (Hill, M.N. (528) 93)

ATP

Cough reflex; C-fiber; Rapidly adapting receptor; Ionotropic purinergic receptor (Kamei, J. (528) 152)

Binding site

Cyclic peptide; G protein-coupled receptor; Icatibant; Site-directed mutagenesis (Cucchi, P. (528) 1)

Brain natriuretic peptide

Angiotensin II-receptor blocker; Olmesartan medoxomil; Hypoxic cor pulmonale; Hypoxia; Remodeling; Collagen; TGF- β (Nakamoto, T. (528) 37)

Brain renin–angiotensin system

Angiotensinogen mRNA; Angiotensin AT₁ receptor antagonist; Losartan; Irbesartan (Pediconi, D. (528) 73)

Calpain inhibitor

Cardiovascular; Heart; Ischemia and reperfusion; Myocardial infarction; Cysteine protease (Khalil, P.N. (528) 118)

cAMP

Caudate; Rotation; Dopamine D2 receptor; *c-fos*; Striosome; SKF83959 (Wirtshafter, D. (528) 82)

Cannabinoid CB₂ receptor

GW405833; Inflammatory pain; Neuropathic pain; Knockout; Opioid (Whiteside, G.T. (528) 59)

Cardiovascular

Heart; Ischemia and reperfusion; Myocardial infarction; Cysteine protease; Calpain inhibitor (Khalil, P.N. (528) 118)

Cardiovascular dysfunction

Streptozotocin-induced diabetes; Oxidative stress; Nitric oxide scavenger (Hutchings, S.R. (528) 126)

Caudate

cAMP; Rotation; Dopamine D2 receptor; *c-fos*; Striosome; SKF83959 (Wirtshafter, D. (528) 82)

Cdc25B

HTS (high throughput screening); Selectivity; MCF-7; Antiproliferation; Cdk1 (cell-cycle-dependent kinase 1) (Kim, K.-R. (528) 31)

Cdk1 (cell-cycle-dependent kinase 1)

Cdc25B; HTS (high throughput screening); Selectivity; MCF-7; Antiproliferation (Kim, K.-R. (528) 31)

C-fiber

Cough reflex; Rapidly adapting receptor; ATP; Ionotropic purinergic receptor (Kamei, J. (528) 152)

c-fos

cAMP; Caudate; Rotation; Dopamine D2 receptor; Striosome; SKF83959 (Wirtshafter, D. (528) 82)

Collagen

Angiotensin II-receptor blocker; Olmesartan medoxomil; Hypoxic cor pulmonale; Hypoxia; Remodeling; Brain natriuretic peptide; TGF- β (Nakamoto, T. (528) 37)

Conditioning

Metabotropic glutamate receptor; Glutamate; Reinstatement; Self-administration; Alcohol (Bäckström, P. (528) 104)

Corticosterone

Amygdala; Endocannabinoid; 2-arachidonylglycerol (Hill, M.N. (528) 93)

Cough reflex

C-fiber; Rapidly adapting receptor; ATP; Ionotropic purinergic receptor (Kamei, J. (528) 152)

Cyclic peptide

Binding site; G protein-coupled receptor; Icatibant; Site-directed mutagenesis (Cucchi, P. (528) 1)

Cysteine protease

Cardiovascular; Heart; Ischemia and reperfusion; Myocardial infarction; Calpain inhibitor (Khalil, P.N. (528) 118)

Deltamethrin

Pain; Dorsal root ganglion; Nociceptor; Sodium channel (Dekker, L.V. (528) 46)

Dexamethasone

Multidrug resistance; Polymorphism; Methotrexate (Pawlik, A. (528) 21)

Diltiazem

Gastroepiploic artery; Phosphodiesterase inhibitor; Olprinone; Phosphodiesterase 3A; Phenylephrine (Adachi, H. (528) 131)

Dopamine D2 receptor

cAMP; Caudate; Rotation; *c-fos*; Striosome; SKF83959 (Wirtshafter, D. (528) 82)

Dorsal root ganglion

Pain; Nociceptor; Sodium channel; Deltamethrin (Dekker, L.V. (528) 46)

Drug abuse

Addiction; Analgesics; Antidepressant; Operant behaviour; Opioid; Reinforcement (Magalas, Z. (528) 97)

Electrical field stimulation

Rho kinase; Sheep gallbladder smooth muscle; Y-27632 (Şahan-Firat, S. (528) 163)

Endocannabinoid

Corticosterone; Amygdala; 2-arachidonylglycerol (Hill, M.N. (528) 93)

Estrogen receptor subtypes

α_1 -adrenoceptor subtypes; Pregnant human uterus (Ducza, E. (528) 177)

Excitatory amino acid

Locus coeruleus; Morphine; Synchronous activity; Single unit recording (Zhu, H. (528) 67)

G protein-coupled receptor

Binding site; Cyclic peptide; Icatibant; Site-directed mutagenesis (Cucchi, P. (528) 1)

Gastric emptying and motility

Gastric mucosal damage; α_2 -Adrenoceptor subtype (Fülöp, K. (528) 144)

Gastric mucosal damage

Gastric emptying and motility; α_2 -Adrenoceptor subtype (Fülöp, K. (528) 144)

Gastroepiploic artery

Phosphodiesterase inhibitor; Olprinone; Diltiazem; Phosphodiesterase 3A; Phenylephrine (Adachi, H. (528) 131)

Glutamate

Metabotropic glutamate receptor; Reinstatement; Self-administration; Conditioning; Alcohol (Bäckström, P. (528) 104)

GW405833

Cannabinoid CB₂ receptor; Inflammatory pain; Neuropathic pain; Knockout; Opioid (Whiteside, G.T. (528) 59)

Heart

Cardiovascular; Ischemia and reperfusion; Myocardial infarction; Cysteine protease; Calpain inhibitor (Khalil, P.N. (528) 118)

5-HT₃ receptor

α_2 -Adrenoceptor; MD-354 (*m*-chlorophenylguanidine); Antinociception; In vivo model (Dukat, M. (528) 53)

HTS (high throughput screening)

Cdc25B; Selectivity; MCF-7; Antiproliferation; Cdk1 (cell-cycle-dependent kinase 1) (Kim, K.-R. (528) 31)

Hypoxic cor pulmonale

Angiotensin II-receptor blocker; Olmesartan medoxomil; Hypoxia; Remodeling; Collagen; Brain natriuretic peptide; TGF- β (Nakamoto, T. (528) 37)

Hypoxia

Angiotensin II-receptor blocker; Olmesartan medoxomil; Hypoxic cor pulmonale; Remodeling; Collagen; Brain natriuretic peptide; TGF- β (Nakamoto, T. (528) 37)

Icatibant

Binding site; Cyclic peptide; G protein-coupled receptor; Site-directed mutagenesis (Cucchi, P. (528) 1)

In vivo model

α_2 -Adrenoceptor; 5-HT₃ receptor; MD-354 (*m*-chlorophenylguanidine); Antinociception (Dukat, M. (528) 53)

Inflammatory pain

Cannabinoid CB₂ receptor; GW405833; Neuropathic pain; Knockout; Opioid (Whiteside, G.T. (528) 59)

Insulin secretion

KCP256; Sulfonylurea; K_{ATP} channel; MIN6 cell; Pancreatic islet (Mori, K. (528) 170)

Ionotropic purinergic receptor

Cough reflex; C-fiber; Rapidly adapting receptor; ATP (Kamei, J. (528) 152)

Irbesartan

Angiotensinogen mRNA; Brain renin–angiotensin system; Angiotensin AT₁ receptor antagonist; Losartan (Pediconi, D. (528) 73)

Ischemia–reperfusion

Resveratrol; Rat liver; Mitochondria; Antioxidant; Permeability transition pore; Reactive oxygen species (Plin, C. (528) 156)

Ischemia and reperfusion

Cardiovascular; Heart; Myocardial infarction; Cysteine protease; Calpain inhibitor (Khalil, P.N. (528) 118)

K_{ATP} channel

KCP256; Sulfonylurea; Insulin secretion; MIN6 cell; Pancreatic islet (Mori, K. (528) 170)

KCP256

Sulfonylurea; K_{ATP} channel; Insulin secretion; MIN6 cell; Pancreatic islet (Mori, K. (528) 170)

Knockout

Cannabinoid CB₂ receptor; GW405833; Inflammatory pain; Neuropathic pain; Opioid (Whiteside, G.T. (528) 59)

Local anaesthetic

Toluene; Sodium channel; *Xenopus* oocyte; β_1 subunit (Gauthereau, M.Y. (528) 11)

Locus coeruleus

Morphine; Synchronous activity; Single unit recording; Excitatory amino acid (Zhu, H. (528) 67)

Losartan

Angiotensinogen mRNA; Brain renin–angiotensin system; Angiotensin AT₁ receptor antagonist; Irbesartan (Pediconi, D. (528) 73)

MCF-7

Cdc25B; HTS (high throughput screening); Selectivity; Antiproliferation; Cdk1 (cell-cycle-dependent kinase 1) (Kim, K.-R. (528) 31)

MD-354 (*m*-chlorophenylguanidine)

α_2 -Adrenoceptor; 5-HT₃ receptor; Antinociception; In vivo model (Dukat, M. (528) 53)

Metabotropic glutamate receptor

Glutamate; Reinstatement; Self-administration; Conditioning; Alcohol (Bäckström, P. (528) 104)

Methotrexate

Multidrug resistance; Polymorphism; Dexamethasone (Pawlik, A. (528) 21)

Microdialysis

Zotepine; Serotonin (5-HT) release (Nakamura, S. (528) 89)

MIN6 cell

KCP256; Sulfonylurea; K_{ATP} channel; Insulin secretion; Pancreatic islet (Mori, K. (528) 170)

Mitochondria

Resveratrol; Rat liver; Antioxidant; Permeability transition pore; Reactive oxygen species; Ischemia–reperfusion (Plin, C. (528) 156)

Morphine

Locus coeruleus; Synchronous activity; Single unit recording; Excitatory amino acid (Zhu, H. (528) 67)

Multidrug resistance

Polymorphism; Methotrexate; Dexamethasone (Pawlik, A. (528) 21)

Mu-opioid receptor

Opioid; Adolescence (White, D.A. (528) 113)

Myocardial infarction

Cardiovascular; Heart; Ischemia and reperfusion; Cysteine protease; Calpain inhibitor (Khalil, P.N. (528) 118)

Neuropathic pain

Cannabinoid CB₂ receptor; GW405833; Inflammatory pain; Knockout; Opioid (Whiteside, G.T. (528) 59)

Nitric oxide scavenger

Streptozotocin-induced diabetes; Oxidative stress; Cardiovascular dysfunction (Hutchings, S.R. (528) 126)

NO (nitric oxide)

Voltage-sensitive Ca²⁺-channel; Spontaneously Hypertensive rat (Lewis, S.J. (528) 138)

Nociceptor

Pain; Dorsal root ganglion; Sodium channel; Deltamethrin (Dekker, L.V. (528) 46)

Olmesartan medoxomil

Hypoxic cor pulmonale; Angiotensin II-receptor blocker; Hypoxia; Remodeling; Collagen; Brain natriuretic peptide; TGF- β (Nakamoto, T. (528) 37)

Olprinone

Gastroepiploic artery; Phosphodiesterase inhibitor; Diltiazem; Phosphodiesterase 3A; Phenylephrine (Adachi, H. (528) 131)

Operant behaviour

Addiction; Analgesics; Antidepressant; Drug abuse; Opioid; Reinforcement (Magalas, Z. (528) 97)

Opioid

Cannabinoid CB₂ receptor; GW405833; Inflammatory pain; Neuropathic pain; Knockout (Whiteside, G.T. (528) 59)

Addiction; Analgesics; Antidepressant; Drug abuse; Operant behaviour; Reinforcement (Magalas, Z. (528) 97)

Adolescence; Mu-opioid receptor (White, D.A. (528) 113)

Oxidative stress

Streptozotocin-induced diabetes; Nitric oxide scavenger; Cardiovascular dysfunction (Hutchings, S.R. (528) 126)

Pain

Dorsal root ganglion; Nociceptor; Sodium channel; Deltamethrin (Dekker, L.V. (528) 46)

Pancreatic islet

KCP256; Sulfonylurea; K_{ATP} channel; Insulin secretion; MIN6 cell (Mori, K. (528) 170)

Permeability transition pore

Resveratrol; Rat liver; Mitochondria; Antioxidant; Reactive oxygen species; Ischemia–reperfusion (Plin, C. (528) 156)

Phenylephrine

Gastroepiploic artery; Phosphodiesterase inhibitor; Olprinone; Diltiazem; Phosphodiesterase 3A (Adachi, H. (528) 131)

Phosphodiesterase 3A

Gastroepiploic artery; Phosphodiesterase inhibitor; Olprinone; Diltiazem; Phenylephrine (Adachi, H. (528) 131)

Phosphodiesterase inhibitor

Gastroepiploic artery; Olprinone; Diltiazem; Phosphodiesterase 3A; Phenylephrine (Adachi, H. (528) 131)

Polymorphism

Multidrug resistance; Methotrexate; Dexamethasone (Pawlik, A. (528) 21)

Pregnant human uterus

α_1 -adrenoceptor subtypes; Estrogen receptor subtypes (Ducza, E. (528) 177)

Rat liver

Resvaratrol; Mitochondria; Antioxidant; Permeability transition pore; Reactive oxygen species; Ischemia–reperfusion (Plin, C. (528) 156)

Rapidly adapting receptor

Cough reflex; C-fiber; ATP; Ionotropic purinergic receptor (Kamei, J. (528) 152)

Reactive oxygen species

Resvaratrol; Rat liver; Mitochondria; Antioxidant; Permeability transition pore; Ischemia–reperfusion (Plin, C. (528) 156)

Reinforcement

Addiction; Analgesics; Antidepressant; Drug abuse; Operant behaviour; Opioid (Magalas, Z. (528) 97)

Reinstatement

Metabotropic glutamate receptor; Glutamate; Self-administration; Conditioning; Alcohol (Bäckström, P. (528) 104)

Remodeling

Angiotensin II-receptor blocker; Olmesartan medoxomil; Hypoxic cor pulmonale; Hypoxia; Collagen; Brain natriuretic peptide; TGF- β (Nakamoto, T. (528) 37)

Resvaratrol

Rat liver; Mitochondria; Antioxidant; Permeability transition pore; Reactive oxygen species; Ischemia–reperfusion (Plin, C. (528) 156)

Rho kinase

Electrical field stimulation; Sheep gallbladder smooth muscle; Y-27632 (Şahan-Fırat, S. (528) 163)

Rotation

cAMP; Caudate; Dopamine D2 receptor; *c-fos*; Striosome; SKF83959 (Wirtshafter, D. (528) 82)

Selectivity

Cdc25B; HTS (high throughput screening); MCF-7; Antiproliferation; Cdk1 (cell-cycle-dependent kinase 1) (Kim, K.-R. (528) 31)

Self-administration

Metabotropic glutamate receptor; Glutamate; Reinstatement; Conditioning; Alcohol (Bäckström, P. (528) 104)

Serotonin (5-HT) release

Zotepine; Microdialysis (Nakamura, S. (528) 89)

Sheep gallbladder smooth muscle

Electrical field stimulation; Rho kinase; Y-27632 (Şahan-Fırat, S. (528) 163)

Single unit recording

Locus coeruleus; Morphine; Synchronous activity; Excitatory amino acid (Zhu, H. (528) 67)

Site-directed mutagenesis

Binding site; Cyclic peptide; G protein-coupled receptor; Icatibant (Cucchi, P. (528) 1)

SKF83959

cAMP; Caudate; Rotation; Dopamine D2 receptor; *c-fos*; Striosome (Wirtshafter, D. (528) 82)

Sodium channel

Toluene; Local anaesthetic; *Xenopus* oocyte; β_1 subunit (Gauthereau, M.Y. (528) 11)

Pain; Dorsal root ganglion; Nociceptor; Deltamethrin (Dekker, L.V. (528) 46)

Spontaneously Hypertensive rat

NO (nitric oxide); Voltage-sensitive Ca^{2+} -channel (Lewis, S.J. (528) 138)

Streptozotocin-induced diabetes

Oxidative stress; Nitric oxide scavenger; Cardiovascular dysfunction (Hutchings, S.R. (528) 126)

Striosome

cAMP; Caudate; Rotation; Dopamine D2 receptor; *c-fos*; SKF83959 (Wirtshafter, D. (528) 82)

 β_1 subunit

Toluene; Sodium channel; Local anaesthetic; *Xenopus* oocyte (Gauthereau, M.Y. (528) 11)

Sulfonylurea

KCP256; K_{ATP} channel; Insulin secretion; MIN6 cell; Pancreatic islet (Mori, K. (528) 170)

Synchronous activity

Locus coeruleus; Morphine; Single unit recording; Excitatory amino acid (Zhu, H. (528) 67)

TGF- β

Angiotensin II-receptor blocker; Olmesartan medoxomil; Hypoxic cor pulmonale; Hypoxia; Remodeling; Collagen; Brain natriuretic peptide (Nakamoto, T. (528) 37)

Toluene

Sodium channel; Local anaesthetic; *Xenopus* oocyte; β_1 subunit (Gauthereau, M.Y. (528) 11)

Voltage-sensitive Ca^{2+} -channel

NO (nitric oxide); Spontaneously Hypertensive rat (Lewis, S.J. (528) 138)

***Xenopus* oocyte**

Toluene; Sodium channel; Local anaesthetic; β_1 subunit (Gauthereau, M.Y. (528) 11)

Y-27632

Electrical field stimulation; Rho kinase; Sheep gallbladder smooth muscle (Şahan-Fırat, S. (528) 163)

Zotepine

Serotonin (5-HT) release; Microdialysis (Nakamura, S. (528) 89)