

Buyers' Guide

Suppliers' Contact Details

British Journal of Pharmacology (2005) **144**, S119–S128. doi:10.1038/sj.bjp.0706175

Avanti Polar Lipids Inc
700 Industrial Park Drive
Alabaster
AL 35007
U.S.A.
www.avantilipids.com

Bachem Bioscience Inc.
3700 Horizon Drive
King of Prussia
PA 19406 Unites States
www.bachem.com

BIOTREND Chemikalien GmbH
Eupener Str. 157
D-50933 Cologne
Germany
www.biotrend.com/

EMD Biosciences, Inc.(Calbiochem)
10394 Pacific Center Court
San Diego
CA 92121
U.S.A.
www.emdbiosciences.com

GE Healthcare
Amersham Biosciences U.K. Ltd
Pollards Wood
Nightingales Lane
Chalfont St Giles
Bucks HP8 4SP
www.amershambiosciences.com

The Menarini Group
Via Sette Santi 3
Florence,
I-SO131
Italy
www.menarini.com

Roche Pharmaceuticals
F. Hoffmann-La Roche Ltd
Pharmaceuticals Division
Grenzacherstrasse 124
CH-4070 Basel
Switzerland
Telephone +41-61-688 1111
Telefax +41-61-691 9391
www.roche.com

SIGMA Chemicals/Sigma-Aldrich
P.O. Box 14508
St Louis, MO 63178-9916
U.S.A.
www.sigma-aldrich.com

Tocris Cookson Ltd.
Northpoint, Fourth Way
Avonmouth
Bristol
BS11 8TA
U.K.
www.tocris.com

Compound name	Compound	Supplier
α -dendrotoxin		Bachem, Biotrend, Sigma-Aldrich
α -methyl-5-HT	α -methyl-5-hydroxytryptamine	Biotrend, Tocris
$\alpha\beta$ -meATP	$\alpha\beta$ -methylene-adenosine 5'-triphosphate	Sigma-Aldrich
$\beta\gamma$ -meATP	$\beta\gamma$ -methylene-adenosine 5'-triphosphate	Sigma-Aldrich
(-)-(S)-BAYK8664	(-)-(S)-methyl-1,4-dihydro-2,6-dimethyl-3-nitro-4-(2-trifluoromethylphenyl)-pyridine-5-carboxylate	Biotrend, EMB, Sigma-Aldrich, Tocris
(+)-7-OH-DPAT	(+)-7-hydroxy-2-aminopropylaminotetralin	Biotrend, Sigma-Aldrich
(+)-Tc	(+)-tubocurarine	Sigma-Aldrich
(RS)PPG	(R,S)-4-phosphonophenylglycine	Biotrend, Tocris
(S)-3,4-DCPG	(S)-3,4-dicarboxylphenylglycine	Biotrend, Tocris
[Ala1,3,11,15]ET-1		Bachem, Sigma-Aldrich
[Ala ¹¹ ,D-Leu ¹⁵]orexin-B		Bachem, Biotrend, Tocris
12-(S)-HPETE	12-(S)-hydroperoxyeicosatetraenoic acid	Sigma-Aldrich
1400W	N-(3-(aminomethyl)benzyl)acetamidine	Biotrend, EMB, Sigma-Aldrich, Tocris
15-(S)-HPETE	15-(S)-hydroperoxyeicosatetraenoic acid	Sigma-Aldrich
15-(S)-HPETE	15-(S)-hydroperoxyeicosatetraenoic acids	Sigma-Aldrich
15deoxy-PGJ ₂		Sigma-Aldrich
1S,3R-ACPD	1-aminocyclopentane-1S,3R-dicarboxylate	Biotrend, Sigma-Aldrich, Tocris
2-APB	2-amino ethoxyphenylborate	Biotrend, EMB, Tocris
2Cl-IB-MECA	2-chloro- <i>N</i> ⁶ -(3-iodobenzyl)adenosine-5'- <i>N</i> -methyluronamide	Sigma-Aldrich, Tocris
2-MeSADP	2-methylthio-adenosine-5'-diphosphate	Biotrend, Sigma-Aldrich, Tocris
2-MeSATP	2-methylthio-adenosine-5'-triphosphate	Biotrend, Sigma-Aldrich, Tocris
2 <i>R</i> ,4 <i>R</i> -APDC	aminopyrrolidine-2 <i>R</i> ,4 <i>R</i> -dicarboxylate, also known as LY314593	
3-APMPA	3-amino-propyl-(<i>P</i> -methyl)-phosphinic acid, also known as CGP35024	
3-APPA (CGP27492)	3-amino-propyl-phosphinic acid	Sigma-Aldrich
3HPG	3-hydroxyphenylglycine	Biotrend, Sigma-Aldrich, Tocris
4-AP	4-aminopyridine	EMB, Sigma-Aldrich
4CPG	4-carboxyphenylglycine	Biotrend, Sigma-Aldrich, Tocris
4-DAMP	4-diphenylacetoxy- <i>N</i> -methylpiperidine methiodide	Biotrend, Sigma-Aldrich, Tocris
4 <i>P</i> -PDOT	4-phenyl-2-propionamidotetraline	Biotrend, Tocris
4 <i>z</i> -PDD	4 <i>z</i> -phorbol 12,13-didecanoate	EMB, Sigma-Aldrich
5-(S)-HETE	5-(S)-hydroeicosatetraenoic acid	Sigma-Aldrich
5-CT	5-carboxamidotryptamine	Biotrend, Sigma-Aldrich, Tocris
5-fluoro-2'-deoxyuridine		EMB, Sigma-Aldrich
5-fluorouridine		Sigma-Aldrich
5MCA-NAT	5-methoxy-carbonylamino- <i>N</i> -acetyltryptamine, also known as GR 135531	Sigma-Aldrich, Tocris
6-iodo- <i>nor</i> dihydrocapsaicin		
7NI	7-nitroindazole	Biotrend, EMB, Sigma-Aldrich, Tocris
8-OH-DPAT	8-hydroxy-2-(di- <i>n</i> -propylamino)tetralin	Biotrend, Sigma-Aldrich, Tocris
9-AC	anthracene-9-carboxylic acid	Sigma-Aldrich, Tocris
A61603	N-(5-[4,5-dihydro-1 <i>H</i> -imidazol-2-yl]-2-hydroxy-5,6,7,8-tetrahydronaphthalen-1-yl)methanesulphonamide hydrobromide	Biotrend, Tocris
AB-MECA	<i>N</i> ⁶ -(4-aminobenzyl)-adenosine-5'- <i>N</i> -methyluronamide	Sigma-Aldrich
ABT-418	(S)-3-methyl-5-(1-methyl-2-pyrrolidinyl) isoxazole	Sigma-Aldrich
AC187	acetyl-[Asn ³⁰ ,Tyr ³²]salmon calcitonin	Bachem, Sigma-Aldrich
ACh	acetylcholine	Sigma-Aldrich
α -conotoxin-G1C		Biotrend
adenophostin A		EMB, Sigma-Aldrich
AFDX384	($\pm$)-5,11-dihydro-11-[(2-(2- <i>N,N</i> -[dipropylamino]methyl)piperidin-1-yl)ethylamino]carbonyl- 6 <i>H</i> -pyrido[2,3- <i>b</i>](1,4)benzodiazepine-6-one	Tocris
AG-3-5	1-[2-hydroxyphenyl]-4[3-nitrophenyl]-1,2,3,6-tetrahydropyrimidine-2-one	Biotrend, Sigma-Aldrich, Tocris
AGN192093	(<i>Z</i>)-7-[(1 <i>z</i> ,5 <i>z</i> ,6 <i>z</i> ,7 <i>β</i>]-7-[(1 <i>E</i> ,3 <i>S</i>)-3-hydroxy-1-octenyl]-3-oxo-2,4-dioxobicyclo[3.2.1]oct-6-yl)-5-heptenol	Biotrend, Sigma-Aldrich
AH13205	<i>trans</i> -2-(4-[1-hydroxyhexyl]phenyl)-5-oxocyclopentaneheptanoate	Sigma-Aldrich
AH23848	(1 <i>a</i> [<i>z</i>],2 <i>b</i> ,5 <i>a</i>)-($\pm$)-7-(5-[(1,1'-biphenyl)-4-yl]methoxy]-2-[4-morpholinyl]-3-oxocyclopentyl)-4-heptenoate	Sigma-Aldrich
AIDA	1-aminoinidan-1,5(RS)-dicarboxylic acid, also known as UPF523	Biotrend, Sigma-Aldrich, Tocris

AM1241	(2-iodo-5-nitro-phenyl)-[1-(1-methyl-piperidin-2-ylmethyl)-1 <i>H</i> -indol-3-yl]-methanone	Alexis
AM251	<i>N</i> -(piperidin-1-yl)-5-(4-iodophenyl)-1-(2,4-dichlorophenyl)-4-methyl-1 <i>H</i> -pyrazole-3-carboxamide	Biotrend, Tocris, Alexis
AM281	1-(2,4-dichlorophenyl)-5-(4-iodophenyl)-4-methyl- <i>N</i> -4-morpholinyl-1 <i>H</i> -pyrazole-3-carboxamide	Biotrend, Tocris, Alexis
AM630	6-iodopravadoline	Biotrend, Sigma-Aldrich, Tocris
AMPA	(<i>RS</i>)- α -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid	Biotrend, Sigma-Aldrich, Tocris
ana-a	anatoxin-a	Tocris
Anandamide		Biotrend, Tocris
Antalarmin	<i>N</i> -butyl- <i>N</i> -ethyl-(2,5,6-trimethyl)-7-[2,4,6-trimethylphenyl]-7 <i>H</i> -pyrrolo[2,3- <i>d</i>]pyrimidin-4-yl-amine	Sigma-Aldrich
Apamin		Bachem, Biotrend, EMB, Sigma-Aldrich
ARC239	2-[2-(4-(2-Methoxyphenyl)piperazin-1-yl)ethyl]-4,4-dimethyl-1,3-(2 <i>H</i> ,4 <i>H</i>)-isoquinolindione dihydrochloride	Tocris
APTA	(<i>RS</i>)-2-amino-3-(3-hydroxy-5- <i>tert</i> -butylisoxazol-4-yl)propionic acid	
Astemizole		Sigma-Aldrich
Astressin	<i>cyc</i> 30 – 33[d-Phe12,Nle21,38,Glu30,Lys33]CRF-(12-41)	Bachem, Biotrend, Sigma-Aldrich, Tocris
ATP γ S	Adenosine 5'- (3-thio)triphosphate	EMB, Roche, Sigma-Aldrich
ATPO	(<i>RS</i>)-2-amino-3-(3-[5- <i>tert</i> -butyl-3-(phosphonomethoxy)-4-isoxazolyl]propionic acid	Sigma-Aldrich
atr	atropine	Sigma-Aldrich
ATRA	all- <i>trans</i> -retinoic acid	EMB
Azelaoyl-PAF	1-O-hexadecyl-2-O-(9-carboxyoctanoyl)-sn-glyceryl-3-phosphocholine	Avanti, Alexis
AZT	3'-azido-3'-deoxythymidine	EMB, Sigma-Aldrich
B9958	Lys-Lys[Hyp ³ ,Cpg ⁵ ,dTic ⁷ ,Cpg ⁸][des-Arg ⁹]BK	
BADGE	bisphenol A diglycidyl ether	Biotrend, Sigma-Aldrich, Tocris
BAYu9773	6(<i>R</i>)-(4'-carboxyphenyl-thio)-5(<i>S</i>)-hydroxy-7(<i>E</i>),11(<i>Z</i>),14(<i>Z</i>)-eicosatetraenoic acid	Sigma-Aldrich
BDS-1	blood depressing substance	EMB
Bezafibrate	2-[4-[2-(4-Chlorobenzamido)ethyl]phenoxy]-2-methylpropanoic acid	EMB, Sigma-Aldrich
Bgt	α -bungarotoxin	Sigma-Aldrich
BHT920	6-allyl-2-amino-5,6,7,8-tetrahydro-4 <i>H</i> -thiazolo-[4,5- <i>d</i>]-azepine	Sigma-Aldrich
BIBP3226	<i>R</i> - <i>N</i> ² -(diphenylacetyl)- <i>N</i> -(4-hydroxyphenyl)methyl-argininamide	Bachem, Sigma-Aldrich
BIM23056	dPhe-Phe-Tyr-dTrp-Lys-Val-Phe-dNal-NH ₂	Biotrend, Tocris
BIM23127	D-Nal-cyc[Cys-Tyr-D-Trp-Orn-Val-Cys]-Nal-NH ₂	Bachem, Biotrend, Tocris
BMY45778	3-(4-[4,5-diphenyl-2-oxazolyl]-5-oxazolyl)phenoxyacetic acid	Biotrend, Tocris
BMY7378	8-(2-[4-{2-methoxyphenyl}-1-piperazinyl]ethyl)-8-azaspiro[4,5]decane-7,9-dione dihydrochloride	Biotrend, Sigma-Aldrich, Tocris
BN52021	($\pm$)-trans-2,5-bis(3,4,5-trimethoxyphenyl)-1,3-dioxolane	Sigma-Aldrich
bosentan		
BQ123	<i>cyc</i> (dTrp-dAsp-Pro-dVal-Leu)	Bachem, Biotrend, EMB, Sigma-Aldrich
BQ3020	<i>N</i> -acetyl-Leu-Met-Asp-Lys-Glu-Ala-Val-Tyr-Phe-Ala-His-Leu-Asp-Ile-Ile-Trp	Bachem, Biotrend, EMB, Sigma-Aldrich
BQ788	<i>N</i> - <i>cis</i> -2,6-dimethylpiperidinocarbonyl-L- γ -methylleucyl-D-1-methoxycarboyl-D-norleucine	EMB, Sigma-Aldrich
BRL15572	3-[4-(3-chlorophenyl)piperazin-1-yl]-1,1,-diphenyl-2-propanol	Sigma-Aldrich
BRL37344	sodium 4-[(2-[2-hydroxy-3-chlorophenyl]ethylamino]propyl)phenoxyacetate	Biotrend, Sigma-Aldrich, Tocris
BRL44408	2-(2 <i>H</i> -[1-methyl-1,3-dihydroisindole]methyl)-4,5-dihydroimidazole	Sigma-Aldrich, Tocris
BRL54443	3-(1-methylpiperidin-4-yl)1 <i>H</i> -indol-5-ol	Biotrend, Sigma-Aldrich, Tocris
BW245C	5-(6-carboxyhexyl)-1-(3-cyclohexyl-3-hydroxypropyl)hydantoin	Sigma-Aldrich
BW723C86	1-[5(2-thienylmethoxy)-1 <i>H</i> -3-indolyl]propan-2-amine hydrochloride	Sigma-Aldrich, Tocris
BWA868C	3-benzyl-5-(6-carboxyhexyl)-1-(2-cyclohexyl-2-hydroxyethylamino)hydantoin	Sigma-Aldrich
C7	galanin-1 – 13-spantide	Bachem, Sigma-Aldrich
caffeine	1,3,7-trimethylxanthine	EMB, Sigma-Aldrich
calciseptine		EMB
Calphostin C		EMB, Sigma-Aldrich
CCPA	2-chloro- <i>N</i> ⁶ -cyclopentyladenosine	Sigma-Aldrich, Tocris
CGP12177A	(–)-4-(3- <i>tert</i> -butylamino-2-hydroxypropoxy)-benzimidazol-2-one	Biotrend, Sigma-Aldrich, Tocris
CGP20712A	2-hydroxy-5-(2-[(2-hydroxy-3-(4-[1-methyl-4-trifluoromethyl-2-imidazolyl]phenoxy)propyl)amino]ethoxy)benzamide	Biotrend, Sigma-Aldrich, Tocris
CGP35024	3-amino-propyl-(<i>P</i> -methyl)-phosphinic acid, also known as 3-APMPA	

Compound name	Compound	Supplier
CGP35348	<i>p</i> -(3-aminopropyl)- <i>P</i> -diethoxymethylphosphinic acid	Biotrend, Tocris
CGP37849	(<i>RS</i>)-(E)-2-amino-4-methylphosphono-3-pentanoic acid	Biotrend, Sigma-Aldrich, Tocris
CGP42112A	nicotinic acid-Tyr-(<i>N</i> -benzoylcarbonyl-Arg)-Lys-His-Pro-Ile-OH	Bachem
CGP54626	[<i>S</i> -(<i>R</i> , <i>R</i>)]-[3-[1-(3,4-dichlorophenyl)ethyl]amino]-2-hydroxypropyl(cyclohexylmethyl)phosphinic acid	Biotrend, Tocris
CGP55845	3-[1-(<i>S</i>)-(3,4-dichlorophenyl)-ethyl]amino-2(<i>S</i>)-hydroxypropyl-(<i>P</i> -benzyl)-phosphinic acid	Biotrend, Tocris
CGP61594	(±)- <i>trans</i> -4-[2-(4-azidophenyl)acetyl]amino-5,7-dichloro-1,2,3,4-tetrahydroquinoline-2-carboxylic acid	Sigma-Aldrich
CGP62349	[3-[1- <i>R</i> -[[3-(methoxyphenylmethyl)hydroxyphosphinyl]-2(<i>S</i>)-hydroxypropyl]amino]ethyl]-benzoic acid	Sigma-Aldrich
CGP64213	[3-[(<i>R</i>)-[[3-5 <i>N</i> -[1-[2-[[3-iodo-4-hydroxyphenyl]ethyl]carboxamido]pentyl]hydroxyphosphinyl]-2(<i>S</i>)-hydroxy-propyl]amino]ethyl]-benzoic acid	Sigma-Aldrich
CGP71683A	<i>trans</i> -naphthalene-1-sulphonic acid(4-[4-amino-quinazolin-2-ylamino]-methyl)-cyclohexylmethyl-amide hydrochloride	Sigma-Aldrich
CGS15943	5-amino-9-chloro-2-(2-furyl)1,2,4-triazolo[1,5- <i>c</i>]quinazoline	Sigma-Aldrich, Tocris
CGP7930	2,6-di- <i>tert</i> -butyl-4-(3-hydroxy-2,2-dimethyl-propyl)-phenol	
CGS19755	4-phosphonomethyl-2-piperidinecarboxylic acid	Biotrend, Tocris
CGS21680	2-(4-[2-carboxyethyl]-phenethylamino)adenosine-5'- <i>N</i> -ethyluronamide	Sigma-Aldrich, Tocris
CGS25019C	4-(5-[4-{aminoiminomethyl}phenoxy]pentoxy)-3-methoxy- <i>N,N</i> -bis(1-methylethyl)benzamide-(<i>Z</i>)-2-butenedioate	Sigma-Aldrich
charybdotoxin		Bachem, Biotrend, EMB
chelerythrine		Biotrend, EMB, Sigma-Aldrich, Tocris
cho	choline	Sigma-Aldrich
CHPG	(<i>RS</i>)-2-chloro-5-hydroxyphenylglycine	Biotrend, Sigma-Aldrich, Tocris
CI966	(1-[2-{bis-4(trifluoromethyl)phenyl}methoxy]ethyl)-1,2,5,6-tetrahydro-3-pyridinecarboxylic acid	Sigma-Aldrich, Tocris
CI977	(5 <i>R</i>)-(5 <i>z</i> ,7 <i>z</i> ,8 <i>β</i>)-(−)- <i>N</i> -methyl- <i>N</i> -(7-[1-pyrrolidinyl]-1-oxaspiro[4,5]dec-8-yl)-4-benzofuranacetamide monohydrochloride	Sigma-Aldrich
ciglitazone	(±)-5-[4-(1-methylcyclohexylmethoxy)benzyl]thiazolidine-2,4-dione	Biotrend, EMB, Sigma-Aldrich, Tocris
CJ13610	1-carboxamido-1-(3- <i>S</i> -[4-{2-methylimidazole}-thiophenyl])-4-cyclopentylether	
CL316243	disodium (<i>R,R</i>)-5-(2-[2-(3-chlorophenyl)-2-hydroxyethyl]-amino]propyl)-1,3-benzodioxole-2,2, dicarboxylate	Tocris
clofibrate		Biotrend, EMB, Sigma-Aldrich (may not be available in U.S. due to patent issues), Tocris
CNQX	6-cyano-7-nitroquinoxaline-2,3-dione	Biotrend, Sigma-Aldrich, Tocris
CP101606	(1 <i>S</i> ,2 <i>S</i>)-1-4-hydroxyphenyl)-2-(4-hydroxy-4-phenylpiperidino)-1-propanol	Sigma-Aldrich
CP105696	(+)-1-(3 <i>S</i> ,4 <i>R</i>)-[3-(4-phenylbenzyl)-4-hydroxy-chroman-7-yl]cyclopentane carboxylic acid	
CP195543	(+)-2-(3-benzyl-4-hydroxychroman-7-yl)-4-trifluoromethylbenzoic acid	Sigma-Aldrich
CP55940	(−)-3-[2-hydroxy-4-(1,1-dimethylheptyl)phenyl]-4-(3-hydroxypropyl)cyclohexan-1-ol	Sigma-Aldrich, Tocris
CPA	<i>N</i> ⁶ -cyclopentyladenosine	Tocris
CPCCOEt	cyclopropan[<i>b</i>]chromen-1 <i>a</i> -carboxylate	Biotrend, Tocris
CPP	(±)-2-carboxypiperazine-4-yl)propyl-1-phosphonic acid	Biotrend, Sigma-Aldrich, Tocris
CTOP	D <i>Phe</i> -Cys-Tyr-d <i>Trp</i> -Lys-Thr-Pen-The-NH ₂	Bachem, Biotrend, Sigma-Aldrich, Tocris
Cyt	cytosine	Sigma-Aldrich
DAMGO	Tyr-dAla-Gly-[<i>N</i> Me <i>Phe</i>]-NH(CH ₂) ₂	Bachem, Biotrend, Tocris
D-AP5	D-(2)-2-amino-5-phosphonopentanoate	Biotrend, Tocris
dBzATP	2',3'- <i>O</i> -di(benzoyl)-adenosine triphosphate	Sigma-Aldrich
DCG-IV	(2 <i>S</i> ,1' <i>R</i> ,2' <i>R</i> ,3' <i>R</i>)-2-(2,3-dicarboxycyclopropyl)glycine	Biotrend, Sigma-Aldrich, Tocris
DCKA	dichlorokynurenic acid	Sigma-Aldrich
DCPIB	4-(2-butyl-6,7-dichlor-2-cyclopentyl-indan-1-on-5-yl) oxybutyric acid	Sigma-Aldrich, Tocris
DD161515	<i>N</i> -[2-(2-(<i>N</i> -methylpyrrolidinyl)ethyl)glycyl]-[<i>N</i> -[2,4-dichlorophenethyl]glycyl]- <i>N</i> -(2,4-dichlorophenethyl)glycinamide	Sigma-Aldrich
DGPP 8:0	dioctanoylglycerol pyrophosphate	Avanti Biomol
DH97	2-benzyl- <i>N</i> -pentanoyltryptamine	Tocris
DHPG	5-3,5-dihydroxyphenylglycine	Biotrend, Sigma-Aldrich, Tocris
DHβE	dihydro-β-erythroidine	Sigma-Aldrich
Diazoxide	7-chloro-3-methyl-2 <i>H</i> -1,2,4-benzothiadiazine 1,1-dioxide	Biotrend, Sigma-Aldrich, Tocris
diBA-(5)-C4	bis-(1,3-dibutylbarbituric acid)pentamethine oxanol	Sigma-Aldrich
Didanosine		Sigma-Aldrich
DIDS	4,4'-diisothiocyanostilbene-2,2'-disulphonic acid	Sigma-Aldrich

Diltiazem	(2S,3S)-(+)- <i>cis</i> -3-cetoxy-5-(2-dimethylaminoethyl)-2,3-dihydro-2-(4-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one	Biotrend, EMB, Sigma-Aldrich, Tocris
DL-TBOA	DL- <i>threo</i> - β -benzyloxyaspartate	Sigma-Aldrich
DMAB	3-(4)-dimethylaminobenzylidene anabaseine	Sigma-Aldrich
DMAC	3-(4)-dimethylaminocinnamylidene anabaseine	Sigma-Aldrich
DMCM	methyl-6,7-dimethoxy-4-ethyl-b-carboline-3-carboxylate	Sigma-Aldrich
DMPP	1,1-dimethyl-4-phenylpiperazinium	
DNQX	6,7-dinitroquinoxaline-2,3-dione	Biotrend, Tocris
DPCPX	8-cyclopentyl-1,3-dipropylxanthine	Tocris, Sigma-Aldrich
DPDPE	cyc[dPen ² ,dPen ⁵]enkephalin	AG Scientific, Bachem
D-Phe-CRF-(12-d-Trp ⁸ -g-MSH	d-Phe12,Nle21,38, α MeLeu37-CRF	Biotrend, Bachem
EF1502	<i>N</i> -[4,4-bis(3-methyl-2-thienyl)-3-butenyl]-3-hydroxy-4-(methylamino)4,5,6,7-tetrabenzo[d]isoxazol-3-ol	Biotrend
EGLU	(S)- α -ethylglutamate	Biotrend, Tocris
EHNA	<i>erythro</i> -9-(2-hydroxy-3-nonyl)adenine	Sigma-Aldrich, Tocris
EIPA	ethylisopropylamiloride;	Sigma-Aldrich
epi	epibatidine	Sigma-Aldrich
<i>exo</i> -THPO	3-hydroxy-4-amino-4,5,6,7-tetrahydro-1,2-benzisoxazol	
EXP3174	n-butyl-4-chloro-1-([2'-{1H-tetrazol-5yl}biphenyl-4-yl)methyl]imidazole-5-carboxylate	Sigma-Aldrich
F180	Hmp-Phe-Ile-Hgn-Asn-Cys-Pro-Dab(ABu)-Gly-NH ₂	Sigma-Aldrich
FAP10	decanol phosphate	
FAP12	dodecanol phosphate	
Formycin B		Sigma-Aldrich
FPL64176	2,5-dimethyl-4-[2(phenylmethyl)benzoyl]-H-pyrrole-3-carboxylate,	Biotrend, Tocris
FR139317	(R)2-([R-2-([S]-2-([1-{hexahydro-1H-azepinyl}carbonyl]amino)methyl]pentanoyl]amino-3-(3-[methyl-1H-indodolyl]propionylamino-3-(2-pyridyl))propionate	Biotrend, Tocris
FR173657	(<i>e</i>)-3-(6-acetamido-3-pyridyl)- <i>N</i> -(<i>N</i> -[2,4-dichloro-3-(2-methyl-8-quinolinyloxy)methyl]phenyl]- <i>N</i> -methylaminocarbonyl-methyl)acrylamide	
GBR12935	1-(2-[diphenylmethoxy]ethyl)-4-(3-phenylpropyl)piperazine	Biotrend, Tocris
GEA3162	1,2,3,4-oxatriazolium-5-amino-3-(3,4-dichlorophenyl)-chloride;	Alexis
Gemcitabine		Sigma-Aldrich
ginkgolide B	($\pm$)- <i>trans</i> -2,5-bis(3,4,5-trimethoxyphenyl)-1,3-dioxolane (BN52021)	
Glibenclamide	5-chloro- <i>N</i> -[2-[4-[[[(cyclohexylamino)carbonyl]amino]sulphonyl]phenyl]ethyl]-2-methoxybenzamide	Biotrend, Tocris
Gö6983	3-(1-[3-{dimethylamino}propyl]-5-methoxy-1H-indol-3-yl)-4-(1H-indol-3-yl)-1H-pyrrole-2,5-dione	EMB, Sigma-Aldrich
GR100679	cyclohexylcarbonyl-Gly-Ala-dTrp-Phe-NMe ₂	Sigma-Aldrich
GR113808	[1-2[(methylsulphonyl)amino]ethyl]-4-piperidinylmethyl-1-methyl-1H-indole-3-carboxylate	Biotrend, Tocris
GR125743	n-[4-methoxy-3-(4-methyl-1-piperizinyloxy)phenyl]-3-methyl-4-(4-pyrindinyl)benzamide	Sigma-Aldrich
GR159897	(R)-1-(2-[5-fluoro-1H-indol-3-yl]ethyl)-4-methoxy-4([phenylsulfinyl]methyl)piperidine	Biotrend, Tocris
GR32191	[1 <i>R</i> -[1(2),2b,3b,5]]-(+)-7-[5-[[1(1'-biphenyl)-4-yl]methoxy]-3-hydroxy-2-(1-piperidinyl)cyclopentyl]-4-heptenoic acid	Sigma-Aldrich
GR55562	3-[3-(dimethylamino)propyl]-4-hydroxy-N-[4-(4-pyridinyl)phenyl]benzamide	Tocris
GR64349	Lys-Asp-Ser-Phe-Val-Gly-(R- γ -lactam)	Tocris
GR94800	<i>N</i> - α -benzoyl-Ala-Ala-dTrp-Phe-dPro-Pro-Nle-NH ₂	Bachem, Tocris
GS39783	<i>N,N'</i> -dicyclopentyl-2-methylsulfonyl-5-nitro-pyrimidine-4,6-diamine	
GTI	5-hydroxytryptamine-5-O-carboxymethylglycyltyrosinamide	Sigma-Aldrich
GTS-21	3-(2,4)-dimethoxybenzylidene anabaseine (DMXB)	
GW273629	3-([2-{ethanimidoylamino}ethyl]sulphonyl)-l-alanine	
GW274150	(S)-2-amino-(1-iminoethylamino)-5-thiopentanoic acid	
GW501516	2-methyl-4-(((4-methyl-2-(4-trifluoromethylphenyl)-1,3-thiazol-5-yl)methyl)sulfonyl)phenoxy)acetic acid	EMB
GW7647	2-([4-{2-([cyclohexylamino]carbonyl)[4-cyclohexylbutyl]amino}ethyl]phenyl]thio)-2-methylpropanoic acid	Biotrend, EMB, Tocris
GW9662	2-chloro-5-nitro-N-phenylbenzamide	Biotrend, EMB, Tocris
GYKI53655	1-(4-aminophenyl)-4-methyl-7,8-methylenedioxy-5H-(3N-methylcarbamate)-2,3-benzodiazepine; also known as LY300168	Biotrend, Tocris
HA966	3-amino-1-hydroxypyrrolid-2-one	Sigma-Aldrich
HEAT	2- β -4-hydroxy-3-iodophenylethylaminomethyltetralone	Sigma-Aldrich, Tocris
HENECA	2-(1-(<i>E</i>)-hexenyl)adenosine-5'- <i>N</i> -ethyluronamide	Sigma-Aldrich
hex	hexamethenium	Sigma-Aldrich
Himbacine	(3S,3aR,4R,4aS,8aR,9aS)-4-[(1 <i>E</i>)-2-[(2R,6S)-1,6-dimethyl-2-piperidinyl]ethenyl]decahydro-3-methylnaphtho[2,3- <i>cj</i>]furan-1(3 <i>H</i>)-one	Sigma-Aldrich
HOE140	dArg[Hyp ³ ,Thi ⁵ ,dTic ⁷ ,Oic ⁸] bradykinin	

Compound name	Compound	Supplier
HU308	{4-[4-(1,1-dimethylheptyl)-2,6-dimethoxy-phenyl]-6,6-dimethyl-bicyclo[3.1.1]hept-2-en-2-yl}-methanol	Sigma-Aldrich
Iberiotoxin		Bachem, Biotrend, Tocris
I-BOP	(1 <i>S</i> -[1 α ,2 β {5 <i>Z</i> },3 α {1 <i>E</i> ,3 <i>S</i> *},4 α]-7-(3-[hydroxy-4-{4'-iodophenoxy}-1-butenyl]-7-oxabicyclo[2.2.1]hept-2-yl)-5-heptanoate	Sigma-Aldrich
ICI118551	(-)-1-(2,3-[dihydro-7-methyl-1 <i>H</i> -inden-4-yl]oxy)-3-[(1-methylethyl)-amino]-2-butanol	Biotrend, Tocris
IL-8	interleukin 8	Bachem, Biotrend, EMB, Sigma-Aldrich
IP-10	γ -interferon-inducible protein 10	Bachem, Biotrend, Sigma-Aldrich
Ip5I	diinosine-5',5''-pentaphosphate	Sigma-Aldrich
IRL1620	Suc[Glu ⁹ ,Ala ^{11,15}]ET-1-(10–21)	Bachem, Biotrend, Tocris
IRL2500	N-(3,5-dimethylbenzoyl)-N-methyl-(D)-(4-phenylphenyl)-Ala-Trp	Biotrend, Tocris
Ivabradine	(3-(3-{[(7 <i>S</i>)-3,4-dimethoxybicyclo [4,2,0] octa-1,3,5-trien-7-yl) methyl] methylamino} propyl)-1,3,4,5-tetrahydro-7,8-dimethoxy-2 <i>H</i> -3-benzazepin-2-one hydrochloride	
J113397	1-[(3 <i>R</i> ,4 <i>R</i>)-1-cyclooctylmethyl-3-hydroxymethyl-4-piperidyl]-3-ethyl-1,3-dihydro-2 <i>H</i> -benzimidazol-2-one	Sigma-Aldrich
JTE013	pyrazolopyridine analogue	
JWH133	(3-(1,1-dimethylbutyl)-6,6,9-trimethyl-6a,7,10,10 <i>a</i> -tetrahydro-6 <i>H</i> -benzo[c]chromene	Biotrend, Tocris
JYL1421	<i>N</i> -(4-tert-butylbenzyl)- <i>N'</i> -[3-fluoro-4-(methylsulfonylamino)benzyl]thiourea	
K31440	Ac-(D-Tyr ¹¹ ,His ¹² ,Nle ¹⁷)sauvagine-(11-40)	Sigma-Aldrich
Ketanserin	3-[2-[4-(4-fluorobenzoyl)-1-piperidinyl]ethyl]-2,4[1 <i>H</i> ,3 <i>H</i>]-quinazolin-2-one	Biotrend, Sigma-Aldrich, Tocris
KT5720	(9 <i>S</i> ,10 <i>S</i> ,12 <i>R</i>)-2,3,9,10,11,12-hexahydro-10-hydroxy-9-methyl-1-oxo-9,12-epoxy-1 <i>H</i> -diindolo[1,2,3- <i>fg</i> :3',2',1'- <i>kl</i>]pyrrolo[3,4- <i>ij</i>][1,6]benzodiazocine-10-carboxylic acid hexyl ester	Sigma-Aldrich, Tocris
Ki16425	3-(4-[4-((1-[2-chlorophenyl]ethoxy)carbonylamino)-3-methyl-5-isoxazolyl] benzylsulfanyl) propanoic acid	
L165041	(4-[3-{4-acetyl-3-hydroxy-2-propylphenoxy}propoxy]phenoxy)acetic acid	Biotrend, Tocris
L655708	11,12,13,13 <i>a</i> -tetrahydro-7-methoxy-9-oxo-9 <i>H</i> -imidazo[1,5- <i>a</i>]pyrrolo[2,1- <i>c</i>][1,4]benzodiazepine-1-carboxylate	Biotrend, Tocris
L689560	<i>trans</i> -2-carboxy-5,7-dichloro-4-phenylaminocarbonylamino-1,2,3,4-tetrahydroquinoline	Biotrend, Tocris
L690330	1-(4-hydroxyphenoxy)ethane-1,1-bisphosphonate	Biotrend, Tocris
L694247	2-[5-[3-(4-methylsulphonylamino)benzyl-1,2,4-oxadiazol-5-yl]-1 <i>H</i> -indol-3-yl] ethanamine	Biotrend, Tocris
L701324	7-chloro-4-hydroxy-3-(3-phenoxy)phenyl-2(<i>H</i>)quinolone	Tocris
L703606	<i>cis</i> -2(diphenylmethyl)-N-([2-iodophenyl]methyl)-1-azabicyclo[2.2.2]octan-3-amide	Sigma-Aldrich
L741742	5-(4-chlorophenyl)-4-methyl-3-(1-[2-phenethyl]piperidin-4-yl)isoxazole	Sigma-Aldrich, Tocris
L742694	(2 <i>S</i>)-((3,5- <i>bis</i> (trifluoromethyl)benzyl)-oxy)-3(<i>S</i>)-phenyl-4-((3-oxo-1,2,4-triazol-5-yl)methyl)morpholine	Sigma-Aldrich
L745870	3-[(4-(4-chlorophenyl)piperazin-1-yl)methyl]-1 <i>H</i> -pyrrolo[2,3- <i>b</i>]pyridine	Biotrend, Sigma-Aldrich, Tocris
L750667	iodinated L745870	Sigma-Aldrich
L-AP4	<i>S</i> -2-amino-4-phosphonobutyrate	Biotrend, Tocris
L-CCG-I	(2 <i>S</i> ,3 <i>S</i> ,4 <i>S</i>) α -(carboxycyclopropyl)glycine	Sigma-Aldrich, Tocris
LF160687	1-([2,4-dichloro-3-({[2,4-dimethylquinolin-8-yl]oxy)methyl}phenyl]sulfonyl)- <i>N</i> -(3-{{4-(aminoimethyl)phenyl}carbonylamino}propyl)-2(<i>S</i>)-pyrrolidinecarboxamide	
LG100268	6-(1-[3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydronaphthalen-2-yl]cyclopropyl)nicotinic acid	Tocris
LGD1069	4-(1-[3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydro-2-naphthyl]ethenyl)benzoic acid	Sigma-Aldrich
Linopirdine		Biotrend, Tocris
LY278584	1-methyl-N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1 <i>H</i> -indazole-3-carboxamide	Biotrend, Sigma-Aldrich, Tocris
LY341495	2 <i>S</i> -2-amino-2-(1 <i>S</i> ,2 <i>S</i> -2-carboxycyclopropan-1-yl)-3-(xanth-9-yl)propanoic acid	
LY367385	(+)-2-methyl-4-carboxyphenylglycine	
LY379268	(-)-2-oxa-4-aminobicyclo[3.1.0]hexane-4,6-dicarboxylic acid	
LY393675	α -substituted-cyclobutylglycine	Sigma-Aldrich
M15	galanin-(1–13)-substance P-(5–11) amide, also known as galantide	Bachem, Sigma-Aldrich, Cayman
M32	galanin-(1–13)-neuropeptide Y amide-(25–36) amide	Bachem, Sigma-Aldrich
MAP4	(<i>S</i>)-2-methyl-2-amino-4-phosphonobutanoate	Biotrend, Sigma-Aldrich, Tocris
MBP10	cyclo(6 β ->10 ϵ)(succinyl(6)-d-(2')NaI ⁷ -Arg ⁸ -Trp ⁹ -Lys ¹⁰)-NH ₂	
MDL100907	($\pm$)-2,3-dimethoxyphenyl-1-[2-(4-piperidine)-methanol]	Sigma-Aldrich
MDMA	3,4-methylenedioxymethamphetamine	Sigma-Aldrich
MEC	mucosa expressed chemokine	Biotrend, Sigma-Aldrich
mec	mecamylamine	Sigma-Aldrich

MEN10627	<i>cyc</i> (2 β –5 β)(Met-Asp-Trp-Phe-Dap-Leu)	Biotrend, Sigma-Aldrich, Tocris
Methanandamide	(R)-(+)-arachidonoyl-1'-hydroxy-2'-propylamide	Biotrend, Sigma-Aldrich, Tocris
MeTRH	pGlu-[N ^ε -methyl]His-ProNH ₂	Bachem, Sigma-Aldrich
Mibolerone	7 α ,17 α -dimethyl-1-nortestosterone	Sigma-Aldrich
Minoxidil	6-(1-piperidiny)-2,4-pyrimidinediamine 3-oxide	Biotrend, Tocris
MIP	macrophage inflammatory protein	Biotrend, Sigma-Aldrich
MK886	3-(1-[<i>p</i> -chlorobenzyl]-5-[isopropyl]-3-tert-butylthioindol-2-yl)-2,2-dimethylpropanoic acid methyl ester	Biotrend, EMB, Tocris
MK912	(2S,12 <i>b</i> S)1',3'-dimethylspiro(1,3,4,5',6,6',7,12 <i>b</i> -octahydro-2 <i>H</i> -benzo[<i>b</i>]furo[2,3- <i>a</i>]quinolizine)-2,4'-pyrimidin-2'-one	Sigma-Aldrich
ML10302	2-(1-piperidiny)ethyl-4-amino-5-chloro-2-methoxybenzoate	Menarini Spa, Italy
MLA	methyllycaconitine	Sigma-Aldrich
MNQX	6,8-dinitroquinoxaline-2,3-dione	Sigma-Aldrich
MPEP	2-methyl-6-(phenylethynyl)-pyridine	Biotrend, Sigma-Aldrich, Tocris
MPIF-1	myeloid progenitor inhibitory factor 1	Sigma-Aldrich
MPP+	1-methyl-4-phenylpyridinium	Biotrend, Sigma-Aldrich
MPPG	(RS) α -methyl-4-phosphonophenylglycine	Tocris
MRS1220	9-chloro-2-(2-furyl)5-phenylacetyl amino[1,2,4]triazolo[1,5- <i>c</i>]quinazoline	Sigma-Aldrich, Tocris
MRS1706	N-(4-acetylphenyl)-2-(4-[2,3,6,7-tetrahydro-2,6-dioxo-1,3-dipropyl-1 <i>H</i> -purin-8-yl]phenoxy)acetamide	Sigma-Aldrich, Tocris
MRS1754	8-(4-[(4-cyanophenyl)carbamoylmethyl]oxy]phenyl)-1,3-di(n-propyl)xanthine	Sigma-Aldrich
MRS2179	<i>N</i> ⁶ -methyl-2'-deoxyadenosine-3',5'-bisphosphate	Biotrend, Sigma-Aldrich, Tocris
MRS2279	2-chloro-N6-methyl-(N)-methanocarba-2'-deoxyadenosine-3',5'-bisphosphate	
mus	muscarine	Sigma-Aldrich
NADPH	reduced nicotinamide adenosine dinucleotide phosphate	EMB, Sigma-Aldrich
Naltriben		Biotrend, Tocris
NAS181	(R)-(+)-2-[[[3-(morpholinomethyl)-2 <i>H</i> -chromen-8-yl]oxy]methyl] morpholine methane sulphonate	Biotrend, Tocris
NBI27914	2-methyl-4-(<i>N</i> -propyl- <i>N</i> -cyclopropanemethylamino)-5-chloro-6-(2,4,6-trichloroanilino)pyrimidine	Biotrend, Tocris
NBQX	6-nitro-7-sulfamoyl-benz(f)quinoxaline-2,3-dione	Biotrend, EMB, Tocris
NBQX	6-nitro-7-sulfamoyl-benz(f)quinoxaline-2,3-dione	Sigma-Aldrich
NBTGR	nitrobenzylthioguanosine	Sigma-Aldrich
NBTI	nitrobenzylthioinosine (also known as NBMPR)	Sigma-Aldrich
NDGA	nordihydroguaaretic acid	EMB, Sigma-Aldrich
NDP-MSH	[Nle ⁴ ,D-Phe ⁷] α -MSH	Bachem, Biotrend, Sigma-Aldrich
NECA	adenosine-5'-N-ethyluronamide	Biotrend, Sigma-Aldrich, Tocris
Neuropeptide SF	Ser-Leu-Ala-Pro-Gln-Arg-Phe-amide	Sigma-Aldrich
NF023	8,8'-(carbonylbis[imino-3,1-phenylene carbonylimino])bis-1,3,5-naphthalenetrisulphonic acid	Biotrend, EMB, Tocris
NFPS	N-[3-(4'-fluorophenyl)-3-(4'-phenylphenoxy)propyl]sarcosine	Biotrend, Tocris
nic	nicotine	Sigma-Aldrich
Nifedipine	1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester	Biotrend, EMB, Sigma-Aldrich, Tocris
NIL	L- <i>N</i> ⁶ -(1-iminoethyl)lysine	Bachem, Biotrend, EMB, Tocris
NNC052090	1-(3-[9 <i>H</i> -carbazol-9-yl]-1-propyl)-4-(2-methoxyphenyl)-4-piperidinol	Sigma-Aldrich
NNC711	1-2-([{diphenylmethylene}amino]oxy)ethyl-1,2,5,6-tetrahydro-3-pyridinecarboxylic acid hydrochloride	Biotrend, Sigma-Aldrich, Tocris
NPC17731	dArg[Hyp ³ ,dHypE(transpropyl) ⁷ ,Oic ⁸]BK	
NS3763	5-carboxyl-2,4-di-benzamido-benzoic acid	Tocris
OAG	1-oleoyl-2-acetyl-sn-glycerol	Sigma-Aldrich
ODQ	1 <i>H</i> -[1,2,4]oxadiazolo[4,3- <i>a</i>]quinoxalin-1-one	Tocris, EMB
ONO-AE1-329	16-(3-methoxymethyl)phenyl- ω -tetranor-3,7-dithia-PGE1	EMB, Sigma-Aldrich
OPCS1803	(5 <i>R</i>)-2-(1-[2-chloro-4-{1-pyrrolidinyl}benzoyl]-2,3,4,5-tetrahydro-1 <i>H</i> -1-benzazepin-5-yl)- <i>N</i> -isopropylacetamide	EMB, Sigma-Aldrich
ORG2058	16 α -ethyl-21-hydroxy-19-norpregn-4-ene-3,20-dione	Sigma-Aldrich
pan	pancuronium	Sigma-Aldrich
Paz-PC	1-palmitoyl-2-azelaoyl- <i>sn</i> -glycero-3-phosphocholine	Alexis-Avanti
PCCG-4	(2 <i>S</i> ,1' <i>S</i> ,2' <i>S</i> ,3' <i>R</i>)-2-(2'-carboxy-3'-phenylcyclopropyl)glycine	Sigma-Aldrich
PD098059	2-(2-amino-3-methoxyphenyl)-4 <i>H</i> -1-benzopyran-4-one	Biotrend, Tocris, EMB
PD102807	9-methoxy-2-methyl-11,12-dihydro-3 <i>H</i> ,6 <i>aH</i> ,13 <i>H</i> -6-oxa-3,12a-diaza-benzo[<i>a</i>]cyclopenta(h)anthracene-1-carboxylic acid ethyl ester	Tocris
PD123319	(<i>S</i>)-1-(4-[dimethylamino]-3-methylphenyl)methyl-5-(diphenylacetyl)-4,5,6,7-tetrahydro-1 <i>H</i> imidazo[4,5- <i>c</i>]pyridine-6-carboxylate	Biotrend, Tocris
PD128907	<i>R</i> -(+)- <i>trans</i> -3,4,4 <i>a</i> ,10 <i>b</i> -tetrahydro-4-propyl-2 <i>H</i> ,5 <i>H</i> -[1]benzopyrano[4,3- <i>b</i>]-1,4-oxazine-9-ol	Tocris
PD157672	Boc-(<i>S</i>)Phe-(<i>R</i>)aMePheNH(CH ₂) ₇ NHCONH ₂	Sigma-Aldrich

Compound name	Compound	Supplier
PD168077	<i>N</i> -methyl-4-(2-cyanophenyl)piperazinyl-3-methylbenzamide	Biotrend, Sigma-Aldrich, Tocris
PD184352	2-(2-chloro-4-iodophenylamino)- <i>N</i> -cyclopropylmethoxy-3,4-difluorobenzamide	Sigma-Aldrich
Pen ⁵ U-II-4-11	[pencillamine, β,β -dimethylcysteine] ⁵ U-II-4-11	Sigma-Aldrich
Phenylacetyltrivanil		
PIP ₂	Phosphatidylinositol 4,5-bisphosphate	Avanti, Biotrend, EMB, Roche, Sigma-Aldrich
PIP ₃	Phosphatidylinositol 3,4,5-trisphosphate	Avanti, Biotrend, Sigma-Aldrich
Pirenzepine	5,11-dihydro-11-[(4-methyl-1-piperazinyl)acetyl]-6 <i>H</i> -pyrido[2,3-b][1,4]benzodiazepin-6-one dihydrochloride	Biotrend, Sigma-Aldrich, Tocris
PIT	2,2'-pyridylisatogen tosylate	
PMA	phorbol 12 myristate 13-acetate	Sigma-Aldrich
PMBA	3-[2'-phosphonomethyl[1,1'-biphenyl]-3-yl]alanine	Sigma-Aldrich
PPADS	pyridoxalphosphate-6-azophenyl-2',4'-disulphonate	Biotrend, Sigma-Aldrich, Tocris
PtdIns(3,4,5) <i>P</i> ₃	phosphatidylinositol (3,4,5)-trisphosphate	Sigma-Aldrich
Pyr ³ TRH	pGlu-His-pyrrolidone	Sigma-Aldrich
QNB,	3-quinuclidinylbenzilate;	Sigma-Aldrich
<i>R</i> (+)-7,8-dihydroxy-1-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepine		
<i>R</i> (+)-SKF81297	<i>R</i> (+)-6-chloro-7,8-dihydroxy-1-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -benzazepine	Biotrend, Sigma-Aldrich
R1881	17 β -hydroxy-17 α -methyl-estra-4,9,11-triene-3-one, also known as methyltrienolone	Sigma-Aldrich
R715	AcLys[d Nal ⁷ ,Ile ⁸][des-Arg ⁹]BK	
R914	AcLys-Lys-[aMe]Phe ⁵ ,d-bNal ⁷ ,Ile ⁸)desArg ⁹ BK	
RJR-2403	(<i>E</i>)- <i>N</i> -methyl-4-(3-pyridinyl)-3-butene-1-amine	Sigma-Aldrich
Ro154513	methyl-8-azido-5,6-dihydro-5-methyl-6-oxo-4 <i>H</i> -imidazo[1,5- α][1,4] benzodiazepine-3-carboxylate	Sigma-Aldrich
Ro16-6491	<i>N</i> -(2-aminoethyl)-4-chlorobenzamide	Biotrend,
Ro201724	4-(3-butoxy-4-methoxyphenyl)methyl-2-imidazolidone	Tocris
Ro251553	Ac-His ¹ [Glu ⁸ ,Lys ¹² ,Nle ¹⁷ ,Ala ¹⁹ ,Asp ²⁵ ,Leu ²⁶ ,Lys ^{27,28} ,Gly ^{29,30} ,Thr ³¹]VIP-NH ₂ (cyclo 21–25)	
Ro318220	Bisindoylmaleimidine 1X	Sigma-Aldrich
Ro406055	4-([5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl]carboxamido)benzoic acid (also known as AM580)	Tocris
Ro415253		
Ro600175	(<i>S</i>)-2-(6-chloro-5-fluoroindol-1-yl)-1-methylethylamine	Tocris
RP67580	3 α R,7 α R-(1-imino-2-[2-methoxyphenyl]ethyl)-7,7-diphenyl-4-perhydroisindolone	Biotrend, Sigma-Aldrich, Tocris
RS102221	8-[5-(5-amino 2,4-dimethoxyphenyl) 5-oxopentyl]-1,3,8-triazaspiro[4,5]decane-2,4-dione	Biotrend, Sigma-Aldrich, Tocris
RS17053	<i>N</i> -[2-(2-cyclopropylmethoxyphenoxy)ethyl]-5-chloro- α,α -dimethyl-1 <i>H</i> -indole-3-ethanamide	Tocris
RS67506	1-(4-amino-5-chloro-2-methoxyphenyl)-3-(1- <i>n</i> -butyl-4-piperidinyl)-1-propanone	Biotrend, Tocris
RS93520	Z-4-[(C3'S,1R,2R,3S,6R)-2C3'-cyclohexyl-3'-hydroxyprop-1-ynyl]-3-hydroxybicyclo(4.2.0)oct-7-ylidene butyrate	Sigma-Aldrich
RU28318	3-oxo-7-propyl-17-hydroxy-androstan-4-en-17-yl	Biotrend, Tocris
RU5135	3 α -hydroxy-16-imino-5 β -17-azaandrostane-11-one	
ruthenium red	ammoniated ruthenium oxychloride	Sigma-Aldrich, Tocris
RX821002	2-(2-methoxy-1,4-benzodioxan-2-yl)-2-imidazoline	Biotrend, EMB, Tocris
RY024	tert-butyl-8-ethynyl-5,6-dihydro-5-methyl-6-oxo-4 <i>H</i> -imidazol[1,5- α][1,4]benzodiazepine-3-carboxylate	Tocris
Ryanodine	1 <i>H</i> -pyrrole-2-carboxylic acid	Biotrend, EMB, Sigma-Aldrich, Tocris
S20098	<i>N</i> -(2-[7-methoxy-1-naphthalenyl]ethyl)acetamide	Sigma-Aldrich
salicylidene salicylhydrazide		Tocris
SB200646	<i>N</i> -(1-methyl-5-indonyl)- <i>N'</i> -(3-pyridyl) urea hydrochloride	Biotrend, Tocris
SB203580	4-(4-fluorophenyl)-2-(4-methylsulphinylphenyl)-5-(4-pyridyl)1 <i>H</i> -imidazole	Biotrend, Tocris, EMB, Sigma-Aldrich
SB204070	1-butyl-4-piperidinylmethyl-8-amino-7-chloro-1-4-benzodioxan-5-carboxylate	Sigma-Aldrich
SB204741	<i>N</i> -(1-methyl-5-indoyl)- <i>N'</i> -(3-methyl-5-isothiazolyl)urea	Biotrend, Sigma-Aldrich, Tocris
SB207710	1-butyl-4-piperidinylmethyl-8-amino-7-iodo-1,4-benzodioxan-5-carboxylate	Sigma-Aldrich
SB224289	1'-methyl-5[[2'-methyl-4'-)-5-methyl-1,2,4-oxadiazol-3-yl]biphenyl-4-yl]carbonyl-2,3,6,7-tetrahydrospiro[furo[2,3-f]indole-3,4'-piperidine]oxalate	Sigma-Aldrich, Tocris
SB236057	1'-ethyl-5-(2'-methyl-4'-(5-methyl-1,3,4-oxadiazol-2-yl)biphenyl-4-carbonyl)-2,3,6,7-tetrahydrospiro[furo[2,3-f]indol3-3,4'-piperidine	Sigma-Aldrich
SB242084	6-chloro-5-methyl-1-[2-(2-methylpyridyl-3-oxy)-pyrid-5-yl carbamoyl] indoline;	Sigma Aldrich
SB258585	4-iodo- <i>N</i> -[4-methoxy-3-(4-methyl-piperazin-1-yl)-phenyl]-benzenesulphonamide	Biotrend, Sigma-Aldrich, Tocris

SB258719	(R)-3,N-dimethyl-N-[1-methyl-3-(4-methylpiperidin-1-yl)propyl]benzene sulphonamide	Sigma-Aldrich
SB269970	(R)-3-(2-(2-(4-methylpiperidin-1-yl)ethyl)pyrrolidine-1-sulphonyl)phenol	Tocris
SB277011	<i>trans</i> -N-(4-[2-{6-cyano-1,2,3,4-tetrahydroisoquinolin-2-yl}ethyl]cyclohexyl)-4-quinolininecarboxamide	Sigma-Aldrich
SB334867A	1-(2-methylbenzoxanzol-6-yl)-3-[1,5]naphthyridin-4-yl-urea hydrochloride	Biotrend, Tocris
SB366791	<i>N</i> -(3-methoxyphenyl)-4-chlorocinnamide	Biotrend, Tocris
SB408124	(1-(6,8-difluoro-2-methyl-quinolin-4-yl)-3-(4-dimethylamino-phenyl)-urea)	Biotrend, Tocris
SC192220	1-acetyl-2-(8-chloro-10,11-dihydrobenz[b,f][1,4]oxazepine-10-carbonyl)hydrazine	Biotrend, Sigma-Aldrich, Tocris
SC46275	methyl-7-(2-β-[6-{1-cyclopenten-1-yl}-4 <i>r</i> -hydroxy-4-methyl-1 <i>e</i> ,5 <i>e</i> -hexadienyl]-3 <i>α</i> -hydroxy-5-oxo-1 <i>R</i> ,1 <i>a</i> -cyclopentyl)-4 <i>Z</i> -heptenoic acid	Sigma-Aldrich
SC51089	8-chlorodibenz[<i>b,f</i>][1,4]oxazepine-10(11 <i>H</i>)-carboxylic acid, 2-[1-oxo-3-(3-pyridinyl)propyl]hydrazide	Sigma-Aldrich
SC51322	8-chlorodibenz[<i>b,f</i>][1,4]oxazepine-10(11 <i>H</i>)-carboxylic acid, 2-[3-[furan-2-ylmethyl]-thio]-1-oxopropyl]hydrazide	Sigma-Aldrich
SC560	5-(4-chlorophenyl)-1-(4-methoxyphenyl)-3-trifluoromethylpyrazole	EMB, Sigma
SCH23390	7-chloro-8-hydroxy-3-methyl-5-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepine	Biotrend, Sigma-Aldrich, Tocris
SCH90511	(+)-(2 <i>S</i>)-5,5-dimethyl-2-morpholineacetic acid	Tocris
S-ENBA	(2 <i>S</i>)-N ⁶ -(2- <i>endo</i> norbanyl)adenosine	Sigma-Aldrich
SEW2871	5-(4-phenyl-5-trifluoromethylthiophen-2-yl)-3-(3-trifluoromethylphenyl)-(1,2,4)-oxadiazole	
SIB1757	6-methyl-2-(phenylazo)-3-pyrindol	Biotrend, Sigma-Aldrich, Tocris
SIB1893	[(phenylazo)-3-pyrindole]-2-methyl-6-(2-phenylethenyl)pyridine	Biotrend, Sigma-Aldrich, Tocris
SKF83566	(-)-7-bromo-8-hydroxy-3-methyl-1-phenyl-2,3,4,5-tetrahydro-3-benzazepine	Biotrend, Tocris
SKF89976A	1-(4,4-diphenyl-3-butenyl)-3-piperidinecarboxylic acid	Biotrend, Sigma-Aldrich, Tocris
SKF96265	1-(β-(3-(4-methoxyphenyl)propoxy)-4-methoxyphenethyl)-1 <i>H</i> -imidazole hydrochloride	Biotrend, EMB, Sigma-Aldrich
SLC	secondary lymphoid tissue chemokine	Sigma-Aldrich
SQ27986	[1 <i>S</i>]-[1 <i>B</i> ,2 <i>B</i> (5 <i>Z</i>),3 <i>A</i> (1 <i>E</i> ,3 <i>S</i>)4 <i>B</i>][7-[3-(3-cyclohexyl-3-hydroxy-1-propenyl)-7-oxabicyclo[2.2.1]hept-2-yl]5-heptenoic acid	Sigma-Aldrich
SR142801	(<i>S</i>)-(<i>N</i>)-(1-[3-{1-benzoyl-3-(3,4-dichlorophenyl)piperidin-3-yl}propyl]-4-phenylpiperidin-4-yl)- <i>N</i> -methylacetamide	Sigma-Aldrich
SR142948A	2-([5-{2,6-dimethoxyphenyl}-1-{4-(<i>N</i> -[3-dimethylaminopropyl]- <i>N</i> -methylcarbamoyl)-2-isopropylphenyl}-1 <i>H</i> -pyrazole-3-carbonyl]amino)adamantane-2-carboxylic acid hydrochloride	Sigma-Aldrich
SR2640	2-(3-[2-quinolylmethoxy]phenylamino)benzoic acid	Biotrend, Sigma-Aldrich, Tocris
SR48968	(<i>S</i>)- <i>N</i> -methyl- <i>N</i> -(4-acetyl-amino-4-phenylpiperidino)-2-(3,4-dichlorophenyl)butylbenzamide, also known as saredutant	Sigma-Aldrich
SR57227	4-amino-(6-chloro-2-pyridyl)-1-piperidine hydrochloride	Sigma-Aldrich, Tocris
SR95531	2-(3'-carboxy-2'-propyl)-3-amino-6- <i>p</i> -methoxyphenylpyridazinium bromide	Biotrend, Sigma-Aldrich, Tocris
SRA125543A	4-(2-chloro-4-methoxy-5-methylphenyl)- <i>N</i> -[(1 <i>S</i>)-2-cyclopropyl-1-(3-fluoro-4-methylphenyl)ethyl]5-methyl- <i>N</i> -(2-propynyl)-1,3-thiazol-2-amine hydrochloride	Sigma-Aldrich
SSR126768A	4-chloro-3-[(3 <i>R</i>)-(+)-5-chloro-1-(2,4-dimethoxybenzyl)-3-methyl-2-oxo-2,3-dihydro-1 <i>H</i> -indol-3-yl]- <i>N</i> -ethyl- <i>N</i> -(3-pyridylmethyl)-benzamide, hydrochloride	
str	strychnine	Sigma-Aldrich
Suramin		Biotrend
sux	succinylcholine	Sigma-Aldrich
T0070907	2-chloro-5-nitro- <i>N</i> -(4-pyridyl)benzamide	
T226296	(-)- <i>N</i> -[6-(dimethylamino)-methyl]-5,6,7,8-tetrahydro-2-naphthalenyl]-4'-fluoro[1,1'-biphenyl]-4-carboxamide	Sigma-Aldrich
TARC	T-cell and activation-related chemokine	Bachem, Biotrend, Sigma-Aldrich
TBPS	tert-butylbicyclopophosphorothionate	Sigma-Aldrich
TEA,	tetraethylammonium	Sigma-Aldrich
THIQ	<i>N</i> -[(3 <i>R</i>)-1,2,3,4-tetrahydroisoquinolinium-3-ylcarbonyl]-(1 <i>R</i>)-1-(4-chlorobenzyl)-2-(4-cyclohexyl-4-[1 <i>H</i> -1,2,4-triazol-1-ylmethyl]piperidin-1-yl)-2-oxoethylamine	
TIPP	Tyr-Tic-Phe-Phe	Bachem
TMB-8	8-(diethylamine)octyl-3,4,5-trimethoxybenzoate	Sigma-Aldrich
TNP-ATP	2',3'-O-(2,4,6-trinitrophenyl)adenosine 5'-triphosphate	Tocris
TPMPA	(1,2,5,6-tetrahydropyridine-4-yl)methylphosphinic acid	Sigma-Aldrich, Tocris
TTNPB	(<i>E</i>)-4-(2-[5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl]-1-propenyl)benzoic acid	Tocris
U0126	1,4-diamino-2,3-dicyano-1,4-bis(o-aminophenylmercapto)butadiene	Biotrend, EMB, Sigma-Aldrich, Tocris
U46619	11 <i>α</i> ,9 <i>α</i> -epoxymethano-PGH ₂	EMB, Sigma-Aldrich
U69593	5 <i>a</i> ,7 <i>a</i> ,8 <i>b</i> -(<i>-</i>)- <i>N</i> -methyl- <i>N</i> -(7-[1-pyrrolidinyl]-1-oxasipropyl)dec-8-yl)benzene acetamide	Sigma-Aldrich
U75302	6-(6-(3-hydroxy-1 <i>E</i> ,5 <i>Z</i> -undecadien-1-yl)-2-pyridinyl)-1,5-hexanediol	
UBP296	(<i>RS</i>)-3-2-carboxybenzyl)willardiine	Tocris
UH301	5-fluoro-8-hydroxy-2-(dipropylamino) tetralin	Sigma-Aldrich
UK14304	5-bromo-6-[2-imidazolin-2-ylamino]quinoxaline	Sigma-Aldrich, Tocris

Compound name	Compound	Supplier
Val2TRH	pGlu-Val-ProNH ₂	Sigma-Aldrich
WAY100635	N-(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)-N-(2-pyridyl)-cyclohexanecarboxamide trichloride	Biotrend, Sigma-Aldrich
WAY-855	3-amino-tricyclo[2.2.1.0 ^{2,6}]heptane-1,3-dicarboxylic acid	
WIN35428	2 β -carboxymethyl-3 β -(4-fluorophenyl)tropane	Sigma-Aldrich
WIN55212-2	(R)-(+)-[2,3-dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo-[1,2,3-de]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone mesylate	Biotrend, Tocris
WY14643	N-(3-[2-quinolinylmethoxy]phenyl)-trifluoromethanesulphonamide	EMB, Tocris
XAC	8-(4-[[{2-aminoethyl}amino]carbonyl]methyl]oxy]phenyl)-1,3-dipropylxanthine, also known as xanthine amine congener	Sigma-Aldrich
XE991	10,10-bis(4-pyridinylmethyl)-9(10 H)-anthracene	Biotrend, Tocris
xestospongine C		EMB, Sigma-Aldrich
YC-1	3-(5'-hydroxymethyl-2'-furyl)-1-benzylindazole	Sigma-Aldrich
ZD7288	4-(N-ethyl-N-phenyl-amino)-1,2-dimethyl-6-(methylamino)pyrimidinium chloride	Tocris
ZM241385	4-(2-[7-amino-2-{2-furyl}{1,2,4}triazolo{2,3-a}{1,3,5}triazin-5-ylamino]ethyl)phenol	Biotrend, EMB, Tocris
μ -conotoxin GIIIA		Bachem, Biotrend, Sigma-Aldrich
ω -agatoxin IVA		Bachem, Biotrend, Sigma-Aldrich
ω -conotoxin GVIA		Bachem, Biotrend, Sigma-Aldrich, Tocris
ω -conotoxin MVIIC		Bachem, Biotrend, Sigma-Aldrich, Tocris