

Buyers' Guide

Suppliers' Contact Details

Amersham Biosciences UK Limited
Amersham Place
Little Chalfont
Buckinghamshire HP7 9NA
UK
www5.amershambiosciences.com

Avanti Polar Lipids Inc
700 Industrial Park Drive
Alabaster
AL 35007
USA
www.avantilipids.com

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

Boehringer Ingelheim Ltd
Ellesfield Avenue
Bracknell
Berks RG12 8YS
UK
www.boehringer-ingelheim.co.uk

Calbiochem
EMD Biosciences, Inc.
10394 Pacific Center Court
San Diego
CA 92121
USA
www.emdbiosciences.com

The Menarini Group
www.menarini.com

Moravek Biochemicals
577 Mercury Lane
Brea
Ca 92821
USA
www.moravek.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
USA
www.sigma-aldrich.com

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

Buyers' Guide

	Compound	Supplier
α -methyl-5-HT	α -Methyl-5-hydroxytryptamine	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	Sigma-Aldrich, Tocris
(+)-7-OH-DPAT	(+)-7-hydroxy-2-aminopropylaminotetralin	Sigma-Aldrich, Tocris
α -dendrotoxin		Sigma-Aldrich
(RS)PPG	(R,S)-4-phosphonophenylglycine	Tocris
(S)-3,4-DCPG	(S)-3,4-dicarboxylphenylglycine	Tocris
[Ala ^{1,3,11,15}]ET-1		Sigma-Aldrich
12-(S)-HPETE	12-(S)-hydroperoxyeicosatetraenoic acid	Sigma-Aldrich
1400W	<i>N</i> -(3-(aminomethyl)benzyl)acetamide	Sigma-Aldrich
15-(S)-HPETE	15-(S)-hydroperoxyeicosatetraenoic acid	Sigma-Aldrich
15deoxy-PGJ ₂		Sigma-Aldrich
1S,3R-ACPD	1-aminocyclopentane-1S,3R-dicarboxylate	Sigma-Aldrich, Tocris
2-APB	2-amino ethoxyphenylborate	Tocris
2Cl-IB-MECA	2-chloro- <i>N</i> ⁶ -(3-iodobenzyl)adenosine-5'- <i>N</i> -methyluronamide	Sigma-Aldrich
2-MeSADP	2-methylthio-adenosine-5'-diphosphate	Sigma-Aldrich
2-MeSATP	2-methylthio-adenosine-5'-triphosphate	Sigma-Aldrich
2R,4R-APDC	aminopyrrolidine-2R,4R-dicarboxylate also known as LY314593	Tocris
3-APMPA	3-amino-propyl-(P-methyl)-phosphinic acid, also known as CGP35024	Tocris
3HPG	3-hydroxyphenylglycine	Sigma-Aldrich
4 α -PDD	4 α -phorbol 12,13-didecanoate	Sigma-Aldrich
4-AP	4-aminopyridine	Sigma-Aldrich
4CPG	4-carboxyphenylglycine	Sigma-Aldrich
4-DAMP	4-diphenylacetoxy- <i>N</i> -methylpiperidine methiodide	Sigma-Aldrich, Tocris
4P-PDOT	4-phenyl-2-propionamidotetraline	Tocris
5-(S)-HETE	5-(S)-hydroeicosatetraenoic acid	Sigma-Aldrich
5-CT	5-carboxamidotryptamine	Sigma-Aldrich
5-fluoro-2'-deoxyuridine		Sigma-Aldrich
5-fluorouridine		Sigma-Aldrich
5MCA-NAT	5-methoxy-carbonylamino- <i>N</i> -acetyltryptamine, also known as GR 135531	Sigma-Aldrich
7NI	7-nitroindazole	Sigma-Aldrich
8-OH-DPAT	8-hydroxy-2-(di- <i>n</i> -propylamino)tetralin	Sigma-Aldrich
9-AC	Anthracene-9-carboxylic acid	Sigma-Aldrich, Tocris
A61603	<i>N</i> -(5-[4,5-dihydro-1 <i>H</i> -imidazol-2-yl]-2-hydroxy-5,6,7,8-tetrahydronaphthalen-1-yl)methanesulphonamide hydrobromide	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	Sigma-Aldrich
adenophostin A		Sigma-Aldrich
AFDX384	($\pm$)-5,11-dihydro-11-([2-(2- <i>N</i> , <i>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	Sigma-Aldrich, Tocris
AGN192093	(<i>Z</i>)-7-([1 α ,5 α ,6 α ,7 β]-7-[{1E,3S}-3-hydroxy-1-octenyl]-3-oxo-2,4-dioxobicyclo[3.2.1]oct-6-yl)-5-heptenol	Sigma-Aldrich
AH13205	<i>trans</i> -2-(4-[1-hydroxyhexyl]phenyl)-5-oxocyclopentaneheptanoate	Sigma-Aldrich
AH23848	(1a[<i>z</i>],2b,5a)-($\pm$)-7-(5-[(1,1'-biphenyl)-4-yl]methoxy)-2-[4-morpholinyl]-3-oxocyclopentyl)-4-heptenoate	Sigma-Aldrich
AIDA	1-aminoindan-1,5(<i>RS</i>)-dicarboxylic acid, also known as UPF523	Sigma-Aldrich, Tocris
AM630	6-iodopravadoline	Sigma-Aldrich, Tocris
AMPA	(<i>RS</i>)- α -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid	Sigma-Aldrich, Tocris
Anandamide		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

Compound	Supplier
Apamin	Bachem, Sigma-Aldrich
ARC239	Tocris
Astemizole	Sigma-Aldrich
Astressin	Sigma-Aldrich, Tocris
ATPO	Sigma-Aldrich
ATP γ S	Roche, Sigma-Aldrich
ATRA	Tocris
AZT	Sigma-Aldrich
BADGE	Sigma-Aldrich
BAYu9773	Sigma-Aldrich
Bezafibrate	Sigma-Aldrich
BHT920	Sigma-Aldrich
BIBP3226	Sigma-Aldrich
BIM23056	Tocris
BIM23127	Bachem, Tocris
BMY45778	Tocris
BMY7378	Sigma-Aldrich, Tocris
bosentan	Bachem
BQ123	Sigma-Aldrich
BQ3020	Sigma-Aldrich
BQ788	Sigma-Aldrich
BRL15572	Sigma-Aldrich, Tocris
BRL37344	Sigma-Aldrich, Tocris
BRL44408	Sigma-Aldrich
BRL54443	Sigma-Aldrich, Tocris
BW245C	Sigma-Aldrich
BW723C86	Sigma-Aldrich, Tocris
BWA868C	Sigma-Aldrich
C7	Sigma-Aldrich
caffeine	Sigma-Aldrich
calciseptine	Calbiochem
Calphostin C	Sigma-Aldrich
CCPA	Sigma-Aldrich, Tocris
CGP12177A	Sigma-Aldrich, Tocris
CGP20712A	Sigma-Aldrich, Tocris
CGP35024	Tocris
CGP35348	Tocris
CGP37849	Sigma-Aldrich
CGP42112A	Tocris
CGP54626	Tocris
CGP55845	Tocris
CGP61594	Sigma-Aldrich
CGP62349	Sigma-Aldrich
CGP64213	Sigma-Aldrich, Tocris
CGP71683A	Sigma-Aldrich, Tocris
CGS15943	Sigma-Aldrich, Tocris
CGS19755	Tocris
CGS21680	Sigma-Aldrich, Tocris
CGS25019C	Sigma-Aldrich
charybdotoxin	Bachem, Calbiochem
chelerythrine	Sigma-Aldrich

Compound	Supplier	
CHPG	(RS)-2-chloro-5-hydroxyphenylglycine	Sigma-Aldrich
CI966	(1-[2-{bis-4(trifluoromethyl)phenyl}methoxy]ethyl)-1,2,5,6-tetrahydro-3-pyridinecarboxylic acid	Sigma-Aldrich
CI977	(5R)-(5 α ,7 α ,8 β)-(-)-N-methyl-N-(7-[1-pyrrolidinyl]-1-oxaspiro[4,5]dec-8-yl)-4-benzofuranacetamide monohydrochloride	Sigma-Aldrich
ciglitizone	($\pm$)-5-[4-(1-Methylcyclohexylmethoxy)benzyl]thiazolidine-2,4-dione	Sigma-Aldrich
CL316243	disodium (R,R)-5-(2-[[2-(3-chlorophenyl)-2-hydroxyethyl]-amino]propyl)-1,3-benzodioxole-2,2-dicarboxylate	Tocris
clofibrate		Sigma-Aldrich (may not be available in US due to patent issues)
CNQX	6-cyano-7-nitroquinoxaline-2,3-dione	Sigma-Aldrich
CP101606	(1S,2S)-1-4-hydroxyphenyl)-2-(4-hydroxy-4-phenylpiperidino)-1-propanol	Sigma-Aldrich
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
CPA	N ⁶ -cyclopentyladenosine	Tocris
CPCCOEt	cyclopropan[<i>b</i>]chromen-1 <i>a</i> -carboxylate	Tocris
CPP	($\pm$)-2-carboxypiperazine-4-yl)propyl-1-phosphonic acid	Sigma-Aldrich
CTOP	DPhe-Cys-Tyr-dTrp-Lys-Thr-Pen-The-NH ₂	Sigma-Aldrich
DAMGO	Tyr-dAla-Gly-[NMePhe]-NH(CH ₂) ₂	Tocris
D-AP5	D(2)-2-amino-5-phosphonopentanoate	Tocris
dBzATP	2',3'-O-di(benzoyl)-adenosine triphosphate	Sigma-Aldrich
DCG-IV	(2S,1' <i>R</i> ,2' <i>R</i> ,3' <i>R</i>)-2-(2,3-dicarboxycyclopropyl)glycine	Sigma-Aldrich, Tocris
DCPIB	4-(2-butyl-6,7-dichlor-2-cyclopentyl-indan-1-on-5-yl) oxybutyric acid	Sigma-Aldrich, Tocris
DD161515	N-[2-(2-(N-methylpyrrolidinyl)ethyl)glycyl]-[N-[2,4-dichlorophenethyl]glycyl]-N-(2,4-dichlorophenethyl)glycinamide	Sigma-Aldrich
DH97	2-benzyl-N-pentanoyltryptamine	Tocris
DHPG	S-3,5-dihydroxyphenylglycine	Sigma-Aldrich
Diazoxide	7-Chloro-3-methyl-2H-1,2,4-benzothiadiazine 1,1-dioxide	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)-(+)-cis-3-Acetoxy-5-(2-dimethylaminoethyl)-2,3-dihydro-2-(4-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one	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	Tocris
DNQX	6,7-dinitroquinoxaline-2,3-dione	Tocris
DPCPX	8-cyclopentyl-1,3-dipropylxanthine	Tocris, Sigma-Aldrich
DPDPE	<i>cyclic</i> [dPen ² ,dPen ³]enkephalin	AG Scientific
DPDPE	<i>cyc</i> [dPen ² ,dPen ³]enkephalin	Tocris
D-Phe-CRF-(12-41)	d-Phe12,Nle21,38, α MeLeu37-CRF	Tocris
EGLU	(S)- α -ethylglutamate	Tocris
EHNA	<i>erythro</i> -9-(2-hydroxy-3-nonyl)adenine	Sigma-Aldrich
EXP3174	n-butyl-4-chloro-1-([2'-{1 <i>H</i> -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
Formycin B		Sigma-Aldrich
FPL64176	2,5-dimethyl-4-[2(phenylmethyl)benzoyl]- <i>H</i> -pyrrole-3-carboxylate,	Tocris
FR139317	(R)2-([R-2-((S)-2-([1-{hexahydro-1 <i>H</i> -azepinyl}carbonyl]amino)methyl)pentanoyl]amino-3-(3-[methyl-1 <i>H</i> -indodolyl]propionylamino-3-(2-pyridyl))propionate	Tocris
GBR12935	1-(2-[diphenylmethoxy]ethyl)-4-(3-phenylpropyl)piperazine	Tocris
Gemcitabine		Sigma-Aldrich
Glibenclamide	5-Chloro-N-[2-[4-[[[(Cylcohexylamino)carbonyl]amino]sulphonyl]phenyl]ethyl]-2-methoxybenzamide	Tocris
Gö6983		Sigma-Aldrich
GR100679	cyclohexylcarbonyl-Gly-Ala-dTrp-Phe-NMe ₂	Sigma-Aldrich
GR113808	[1-2[(methylsulphonyl)amino]ethyl]-4-piperidinyl[methyl-1-methyl-1 <i>H</i> -indole-3-carboxylate	Tocris

Compound	Supplier	
GR125743	n-[4-methoxy-3-(4-methyl-1-piperiziny)phenyl]-3-methyl-4-(4-pyrindinyl)benzamide	Sigma-Aldrich
GR159897	(R)-1-(2-[5-fluoro-1H-indol-3-yl]ethyl)-4-methoxy-4([phenylsulfanyl]methyl)piperidine	Tocris
GR32191	[1 <i>R</i> -(1(<i>Z</i>),2 <i>β</i> ,3 <i>β</i> ,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-(<i>R</i> - γ -lactam)	Tocris
GR94800	<i>N</i> - α -benzoyl-Ala-Ala-dTrp-Phe-dPro-Pro-Nle-NH ₂	Tocris
GTI	5-hydroxytryptamine-5-O-carboxymethylglycyltyrosinamide	Sigma-Aldrich
GTS-21	3-(2,4)-dimethoxybenzylidene anabaseine (DMXB)	Tocris
GW7647	2-([4-{2-([cyclohexylamino]carbonyl)[4-cyclohexylbutyl]amino}ethyl]phenyl]thio)-2-methylpropanoic acid	Tocris
GW9662	2-chloro-5-nitro- <i>N</i> -phenylbenzamide	Tocris
GYKI53655	1-(4-aminophenyl)-4-methyl-7,8-methylenedioxy-5H-(3 <i>N</i> -methylcarbamate)-2,3-benzodiazepine; also known as HA966 : 3-amino-1-hydroxypyrrolid-2-one	Tocris
HEAT	2- β -4-hydroxy-3-iodophenylethylaminomethyltetralone	Sigma-Aldrich
HENECA	2-(1-(<i>E</i>)-hexenyl)adenosine-5'- <i>N</i> -ethyluronamide	Sigma-Aldrich
Himbacine	(3 <i>S</i> ,3 <i>aR</i> ,4 <i>R</i> ,4 <i>aS</i> ,8 <i>aR</i> ,9 <i>aS</i>)-4-[(1 <i>E</i>)-2-[(2 <i>R</i> ,6 <i>S</i>)-1,6-dimethyl-2-piperdiny]ethenyl]decahydro-3-methyl-naphtho[2,3- <i>c</i>]furan-1(3 <i>H</i>)-one	Sigma-Aldrich
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, Tocris
I-BOP	(1 <i>S</i> -[1 <i>α</i> ,2 <i>β</i> {5 <i>Z</i> },3 <i>α</i> [1 <i>E</i> ,3 <i>S</i> *],4 <i>α</i>])-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	Tocris
IL-8	interleukin 8	Sigma-Aldrich, Tocris
IP-10	γ -interferon-inducible protein 10	Sigma-Aldrich
Ip ₅ I	diinosine-5',5''-pentaphosphate	Sigma-Aldrich
IRL1620	Suc[Glu ⁹ ,Ala ^{11,15}]ET-1-(10-21)	Tocris
IRL2500	N-(3,5-dimethylbenzoyl)-N-methyl-(D)-(4-phenylphenyl)-Ala-Trp	Tocris
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
JWH133	(3-(1,1-dimethylbutyl)-6,6,9-trimethyl-6 <i>a</i> ,7,10,10 <i>a</i> -tetrahydro-6 <i>H</i> -benzo[<i>c</i>]chromene	Tocris
K31440	Ac-(<i>D</i> -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>]-quinazolinione	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>i</i>][1,6]benzodiazocine-10-carboxylic acid hexyl ester	Tocris
L165041	(4-[3-{4-acetyl-3-hydroxy-2-propylphenoxy}propoxyl]phenoxy)acetic acid	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	Tocris
L689560	<i>trans</i> -2-carboxy-5,7-dichloro-4-phenylaminocarbonylamino-1,2,3,4-tetrahydroquinoline	Tocris
L690330	1-(4-hydroxyphenoxy)ethane-1,1-bisphosphonate	Tocris
L694247	2-[5-[3-(4-methylsulphonylamino)benzyl-1,2,4-oxadiazol-5-yl]-1 <i>H</i> -indol-3-yl] ethanamine	Tocris
L703606	<i>cis</i> -2(diphenylmethyl)- <i>N</i> -([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
L742694	(2 <i>s</i>)-((3,5-bis(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	Sigma-Aldrich
L750667	iodinated L745870	Sigma-Aldrich
L-AP4	<i>S</i> -2-amino-4-phosphonobutyrate	Tocris
L-CCG-I	(2 <i>S</i> ,3 <i>S</i> ,4 <i>S</i>) α -(carboxycyclopropyl)glycine	Sigma-Aldrich, Tocris
Linopirdine		Tocris
LY278584	1-methyl-N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1 <i>H</i> -indazole-3-carboxamide	Sigma-Aldrich
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	Tocris
LY367385	(+)-2-methyl-4-carboxyphenylglycine	Sigma-Aldrich, Tocris
LY379268	(-)-2-oxa-4-aminobicyclo[3.1.0]hexane-4,6-dicarboxylic acid	Tocris
LY393675	a-substituted-cyclobutylglycine	Sigma-Aldrich, Tocris
M15	galanin-(1-13)-substance P-(5-11) amide, also known as galantide	Sigma-Aldrich, Tocris, Cayman
M32	galanin-(1-13)-neuropeptide Y amide-(25-36) amide	Sigma-Aldrich
MAP4	(<i>S</i>)-2-methyl-2-amino-4-phosphonobutanoate	Sigma-Aldrich

Compound	Supplier	
MDL100907	(±)2,3-dimethoxyphenyl-1-[2-(4-piperidine)-methanol]	Sigma-Aldrich
MDMA	3,4-methylenedioxymethamphetamine	Sigma-Aldrich
MEC	mucosa expressed chemokine	Sigma-Aldrich
MEN10627	cyc(2β-5β)(Met-Asp-Trp-Phe-Dap-Leu)	Sigma-Aldrich
Methanandamide	(R)-(+)-arachidonoyl-1'-hydroxy-2'-propylamide	Sigma-Aldrich
MeTRH	pGlu-[N ^ε -methyl]His-ProNH ₂	Sigma-Aldrich
Mibolerone	7α,17α-dimethyl-1-nortestosterone	Sigma-Aldrich
Minoxidil	6-(1-Piperidinyl)-2,4-pyrimidinediamine 3-oxide	Tocris
MIP	macrophage inflammatory protein	Sigma-Aldrich
MK886	3-(1-[p-chlorobenzyl]-5-[isopropyl]-3-tert-butylthioindol-2-yl)-2,2-dimethylpropanoic acid methyl ester	Tocris
MK912	(2S,12bS)1',3'-dimethylspiro(1,3,4,5',6,6',7,12b-octahydro-2H-benzo[b]furo[2,3-a]quinolizine)-2,4'-pyrimidin-2'-one	Sigma-Aldrich
ML10302	2-(1-piperidinyl)ethyl-4-amino-5-chloro-2-methoxybenzoate	Menarini Spa, Italy
MNQX	6,8-dinitroquinoxaline-2,3,-dione	Sigma-Aldrich
MPEP	2-methyl-6-(phenylethynyl)-pyridine	Sigma-Aldrich
MPIF-1	myeloid progenitor inhibitory factor 1	Sigma-Aldrich
MPP+	1-methyl-4-phenylpyridinium	Sigma-Aldrich
MPPG	(RS)-α-methyl-4-phosphonophenylglycine	Tocris
MRS1220	9-chloro-2-(2-furyl)5-phenylacetylamino[1,2,4]triazolo[1,5c]quinazoline	Sigma-Aldrich
MRS1706	N-(4-acetylphenyl)-2-(4-[2,3,6,7-tetrahydro-2,6-dioxo-1,3-dipropyl-1H-purin-8-yl]phenoxy)acetamide	Sigma-Aldrich
MRS1754	8-(4-[(4-cyanophenyl)carbamoylmethyl]oxy]phenyl)-1,3-di(n-propyl)xanthine	Sigma-Aldrich
MRS2179	N ⁶ -methyl-2'-deoxyadenosine-3',5'-bisphosphate	Sigma-Aldrich
NADPH	reduced nicotinamide adenosine dinucleotide phosphate	Sigma-Aldrich
NAS181	(R)-(+)-2-[[[3-(morpholinomethyl)-2H-chromen-8-yl]oxy]methyl] morpholine methane sulphonate	Tocris
NBI27914	2-methyl-4-(N-propyl-N-cyclopropanemethylamino)-5-chloro-6-(2,4,6-trichloroanilino)pyrimidine	Tocris
NBQX	6-nitro-7-sulfamoyl-benz(f)quinoxaline-2,3-dione	Tocris
NBTI	nitrobenzylthioinosine (also known as NBMPR)	Sigma-Aldrich
NDGA	nordihydroguaiaretic acid	Sigma-Aldrich
NDP-MSH	[Nle ⁴ ,D-Phe ⁷]α-MSH	Sigma-Aldrich
NECA	adenosine-5'-N-ethyluronamide	Sigma-Aldrich, Tocris
NF023	8,8'-(carbonylbis[imino-3,1-phenylene carbonylimino])bis-1,3,5-naphthalenetrisulphonic acid	Tocris
NFPS	N-[3-(4'-fluorophenyl)-3-(4'-phenylphenoxy)propyl]sarcosine	Tocris
Nifedipine	1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic acid dimethyl ester	Sigma-Aldrich, Tocris
NIL	L-N ⁶ -(1-iminoethyl)lysine	Tocris
NNC052090	1-(3-[9H-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	Sigma-Aldrich
OAG	1-oleoyl-2-acetyl-sn-glycerol	Sigma-Aldrich
ODQ	1H-[1,2,4]oxadiazolo[4,3-a]quinoxalin-1-one	Tocris, Calbiochem
ONO-AE1-329	16-(3-methoxymethyl)phenyl-ω-tetranor-3,7-dithia-PGE ₁	Calbiochem, Sigma-Aldrich
OPC51803	(5R)-2-(1-[2-chloro-4-{1-pyrrolidinyl}benzoyl]-2,3,4,5-tetrahydro-1H-1-benzazepin-5-yl)-N-isopropylacetamide	Calbiochem, Sigma-Aldrich
ORG2058	16-α-ethyl-21-hydroxy-19-norpregn-4-ene-3,20-dione	Sigma-Aldrich
PCCG-4	(2S,1'S,2'S,3'R)-2-(2'-carboxy-3'-phenylcyclopropyl)glycine	Sigma-Aldrich
PD098059	2-(2-amino-3-methoxyphenyl)-4H-1-benzopyran-4-one	Tocris, Calbiochem
PD102807	9-methoxy-2-methyl-11,12-dihydro-3H,6aH,13H-6-oxa-3,12a-diaza-benzo[a]cyclopenta(h)anthracene-1-carboxylic acid ethyl ester	Tocris
PD123319	(S)-1-(4-[dimethylamino]-3-methylphenyl)methyl-5-(diphenylacetyl)-4,5,6,7-tetrahydro-1H-imidazo[4,5-c]pyridine-6-carboxylate	Tocris
PD128907	R-(+)-trans-3,4,4a,10b-tetrahydro-4-propyl-2H,5H-[1]benzopyrano[4,3-b]-1,4-oxazine-9-ol	Tocris
PD157672	Boc-(S)Phe-(R)αMePheNH(CH ₂) ₇ NHCONH ₂	Sigma-Aldrich
PD168077	N-methyl-4-(2-cyanophenyl)piperazinyl-3-methylbenzamide	Sigma-Aldrich
PD184352	2-(2-chloro-4-iodophenylamino)-N-cyclopropylmethoxy-3,4-difluorobenzamide	Sigma-Aldrich
Pen ⁵ U-II-4-11	[pencillamine, β,β-dimethylcysteine] ⁵ U-II-4-11	Sigma-Aldrich
PIP ₂	Phosphatidylinositol 4,5-bisphosphate	Avanti, Roche, Sigma-Aldrich

Compound	Supplier	
PIP ₃	Phosphatidylinositol 3,4,5-trisphosphate	Sigma-Aldrich
Pirenzepine	5,11-Dihydro-11-[(4-methyl-1-piperazinyl)acetyl]-6 <i>H</i> -pyrido[2,3- <i>b</i>][1,4]benzodiazepin-6-one dihydrochloride	Sigma-Aldrich, Tocris
PPADS	pyridoxalphosphate-6-azophenyl-2',4'-disulphonate	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
<i>R</i> (+)SKF38393	<i>R</i> (+)-7,8-dihydroxy-1-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepine	Tocris
<i>R</i> (+)SKF81297	<i>R</i> (+)-6-chloro-7,8-dihydroxy-1-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -benzazepine	Sigma-Aldrich, Tocris
R1881	17β-hydroxy-17α-methyl-estra-4,9,11-triene-3-one, also known as methyltrienolone	Sigma-Aldrich
Ro16-6491	<i>N</i> -(2-aminoethyl)-4-chlorobenzamide	Tocris
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)	Tocris
Ro318220	Bisindoylmaleimidine 1X	Sigma-Aldrich
Ro600175	(<i>S</i>)-2-(6-chloro-5-fluoroindol-1-yl)-1-methylethylamine	Tocris
RP67580	3α <i>R</i> ,7α <i>R</i> -(1-imino-2-[2-methoxyphenyl]ethyl)-7,7-diphenyl-4-perhydroisindolone	Sigma-Aldrich
RS102221	8-[5-(5-amino 2,4-dimethoxyphenyl) 5-oxopentyl]-1,3,8-triazaspiro[4,5]decane-2,4-dione	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	Tocris
RS93520	<i>z</i> -4-([C3' <i>s</i> ,1 <i>R</i> ,2 <i>R</i> ,3 <i>S</i> ,6 <i>R</i>]-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	Tocris
ruthenium red	Ammoniated ruthenium oxychloride	Sigma-Aldrich, Tocris
RX821002	2-(2-methoxy-1,4-benzodioxan-2-yl)-2-imidazoline	Tocris
Ryanodine	1 <i>H</i> -Pyrrole-2-carboxylic acid	Sigma-Aldrich, Tocris
S20098	<i>N</i> -(2-[7-methoxy-1-naphthalenyl]ethyl)acetamide	Sigma-Aldrich, Tocris
SB200646	<i>N</i> -(1-methyl-5-indonyl)- <i>N</i> '-(3-pyridyl) urea hydrochloride	Tocris
SB203580	4-(4-fluorophenyl)-2-(4-methylsulphonylphenyl)-5-(4-pyridyl)1 <i>H</i> -imidazole	Calbiochem, Sigma-Aldrich
SB204741	<i>N</i> -(1-methyl-5-indoyl)- <i>N</i> '-(3-methyl-5-isothiazolyl)urea	Sigma-Aldrich, Tocris
SB207710	1-butyl-4-piperidinylmethyl-8-amino-7-iodo-1,4-benzodioxan-5-carboxylate	Sigma-Aldrich, Tocris
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- <i>f</i>]indole-3,4'-piperidine]oxalate	Sigma-Aldrich
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- <i>f</i>]indol3,3,4'-piperidine	Sigma-Aldrich, Tocris
SB258585	4-iodo- <i>N</i> -[4-methoxy-3-(4-methyl-piperazin-1-yl)-phenyl]-benzenesulphonamide	Sigma-Aldrich, Tocris
SB258719	(<i>R</i>)-3, <i>N</i> -dimethyl- <i>N</i> -[1-methyl-3-(4-methylpiperidin-1-yl)propyl]benzene sulphonamide	Sigma-Aldrich, Tocris
SB269970	(<i>R</i>)-3-(2-(2-(4-methylpiperidin-1-yl)ethyl)pyrrolidine-1-sulphonyl)phenol	Tocris
SB277011	<i>trans</i> - <i>N</i> -(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	Tocris
SB366791	<i>N</i> -(3-methoxyphenyl)-4-chlorocinnamide	Tocris
SC19220	1-acetyl-2-(8-chloro-10,11-dihydrobenz[<i>b,f</i>][1,4]oxazepine-10-carbonyl)hydrazine	Sigma-Aldrich
SC46275	methyl-7-(2β-[6-{1-cyclopenten-1-yl}-4 <i>r</i> -hydroxy-4-methyl-1 <i>e</i> ,5 <i>e</i> -hexadienyl]-3α-hydroxy-5-oxo-1 <i>R</i> ,1α-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-[furanylmethyl]-thio]-1-oxopropyl]hydrazide	Sigma-Aldrich, Tocris
SCH23390	7-chloro-8-hydroxy-3-methyl-5-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepine	Sigma-Aldrich
S-ENBA	(2 <i>S</i>)- <i>N</i> ⁶ -(2-endonorbanyl)adenosine	Tocris
SIB1757	6-methyl-2-(phenylazo)-3-pyrindol	Sigma-Aldrich
SIB1893	[(phenylazo)-3-pyrindole]-2-methyl-6-(2-phenylethenyl)pyridine	Sigma-Aldrich
SKF83566	(-)-7-bromo-8-hydroxy-3-methyl-1-phenyl-2,3,4,5-tetrahydro-3-benzazepine	Tocris
SKF89976A	1-(4,4-diphenyl-3-butenyl)-3-piperidinecarboxylic acid	Sigma-Aldrich, Tocris
SKF96265	1-(β-(3-(4-methoxyphenyl)propoxy)-4-methoxyphenethyl)-1 <i>H</i> -imidazole hydrochloride	Calbiochem, 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

Compound		Supplier
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, Tocris
SR2640	2-(3-[2-quinolylmethoxy]phenylamino)benzoic acid	Sigma-Aldrich, Tocris
SR48968	(<i>S</i>)- <i>N</i> -methyl- <i>N</i> -(4-acetylamino-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
SR95531	2-(3'-carboxy-2'-propyl)-3-amino-6- <i>p</i> -methoxyphenylpyridazinium bromide	Sigma-Aldrich
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, Tocris
Suramin		Calbiochem, Sigma-Aldrich, Tocris
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	Sigma-Aldrich
TIPP	Tyr-Tic-Phe-Phe	Bachem
TNP-ATP	2',3'- <i>O</i> -(2,4,6-trinitrophenyl)adenosine 5'-triphosphate	Tocris
TPMPA	(1,2,5,6-tetrahydropyridine-4-yl)methylphosphinic acid	Sigma-Aldrich
U0126	1,4-diamino-2,3-dicyano-1,4-bis(o-aminophenylmercapto)butadiene,	Sigma-Aldrich, Tocris
U46619	11 α ,9 α -epoxymethano-PGH2	Sigma-Aldrich
U69593	5a,7a,8b-(-)- <i>N</i> -methyl- <i>N</i> -(7-[1-pyrrolidinyl]-1-oxasipro(4,5)dec-8-yl)benzene acetamide	Sigma-Aldrich
UK14304	5-bromo-6-[2-imidazolin-2-ylamino]quinoxaline	Sigma-Aldrich
Val ² TRH	pGlu-Val-ProNH ₂	Sigma-Aldrich
WAY100635	<i>N</i> -(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)- <i>N</i> -(2-pyridyl)-cyclohexanecarboxamide trichloride	Sigma-Aldrich
WIN55212-2	(<i>R</i>)-(+)-[2,3-dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo-[1,2,3-de]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone mesylate	Tocris
WY14643	<i>N</i> -(3-[2-quinolylmethoxy]phenyl)-trifluoromethanesulphonamide	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- <i>bis</i> (4-pyridinylmethyl)-9(10 <i>H</i>)-anthracene	Tocris
YC-1	3-(5'-hydroxymethyl-2'-furyl)-1-benzylindazole	Sigma-Aldrich
ZM241385	4-(2-[7-amino-2-{2-furyl}{1,2,4}triazolo{2,3- <i>a</i> }{1,3,5}triazin-5-ylamino]ethyl)phenol	Tocris
μ -conotoxin GIIIA		Sigma-Aldrich
ω -agatoxin IVA		Sigma-Aldrich
ω -conotoxin GVIA		Sigma-Aldrich, Tocris
ω -conotoxin MVIIC		Sigma-Aldrich, Tocris
xestospongine C		Sigma-Aldrich