

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	Tocris
$\alpha\beta$ -meATP	Sigma-Aldrich
$\beta\gamma$ -meATP	Sigma-Aldrich
(-)-(S)-BAYK8664	Sigma-Aldrich, Tocris
(+)-7-OH-DPAT	Sigma-Aldrich
α -dendrotoxin	Sigma-Aldrich
(RS)PPG	Tocris
(S)-3,4-DCPG	Tocris
[Ala ^{1,3,11,15}]ET-1	Sigma-Aldrich
12-(S)-HPETE	Sigma-Aldrich
1400W	Sigma-Aldrich, Tocris
15-(S)-HPETE	Sigma-Aldrich
15deoxy-PGJ ₂	Sigma-Aldrich
1S,3R-ACPD	Sigma-Aldrich, Tocris
2-APB	Tocris
2Cl-IB-MECA	Sigma-Aldrich, Tocris
2-MeSADP	Sigma-Aldrich
2-MeSATP	Sigma-Aldrich
2R,4R-APDC	Tocris
3-APMPA	
3HPG	Sigma-Aldrich, Tocris
4 α -PDD	Sigma-Aldrich
4-AP	Sigma-Aldrich
4CPG	Sigma-Aldrich, Tocris
4-DAMP	Sigma-Aldrich, Tocris
4P-PDOT	Tocris
5-(S)-HETE	Sigma-Aldrich
5-CT	Sigma-Aldrich, Tocris
5-fluoro-2'-deoxyuridine	Sigma-Aldrich
5-fluorouridine	Sigma-Aldrich
5MCA-NAT	Sigma-Aldrich, Tocris
7NI	Sigma-Aldrich, Tocris
8-OH-DPAT	Sigma-Aldrich, Tocris
9-AC	Sigma-Aldrich, Tocris
A61603	Tocris
AB-MECA	Sigma-Aldrich
ABT-418	Sigma-Aldrich
AC187	Sigma-Aldrich
adenophostin A	Sigma-Aldrich
AFDX384	Tocris
AG-3-5	Sigma-Aldrich, Tocris
AGN192093	Sigma-Aldrich
AH13205	Sigma-Aldrich
AH23848	Sigma-Aldrich
AIDA	Sigma-Aldrich, Tocris
AM630	Sigma-Aldrich, Tocris
AMPA	Sigma-Aldrich, Tocris
Anandamide	Tocris
Antalarmin	Sigma-Aldrich
α -Methyl-5-hydroxytryptamine	
$\alpha\beta$ -methylene-adenosine 5'-triphosphate	
$\beta\gamma$ -methylene-adenosine 5'-triphosphate	
(-)-(S)-methyl-1,4-dihydro-2,6-dimethyl-3-nitro-4-(2-trifluoromethylphenyl)-pyridine-5-carboxylate	
(+)-7-hydroxy-2-aminopropylaminotetralin	
(R,S)-4-phosphonophenylglycine	
(S)-3,4-dicarboxylphenylglycine	
12-(S)-hydroperoxyeicosatetraenoic acid	
N-(3-(aminomethyl)benzyl)acetamidine	
15-(S)-hydroperoxyeicosatetraenoic acid	
1-aminocyclopentane-1S,3R-dicarboxylate	
2-amino ethoxyphenylborate	
2-chloro-N ⁶ -(3-iodobenzyl)adenosine-5'-N-methyluronamide	
2-methylthio-adenosine-5'-diphosphate	
2-methylthio-adenosine-5'-triphosphate	
aminopyrrolidine-2R,4R-dicarboxylate also known as LY314593	
3-amino-propyl-(P-methyl)-phosphinic acid, also known as CGP35024	
3-hydroxyphenylglycine	
4 α -phorbol 12,13-didecanoate	
4-aminopyridine	
4-carboxyphenylglycine	
4-diphenylacetoxy-N-methylpiperidine methiodide	
4-phenyl-2-propionamidotetraline	
5-(S)-hydroeicosatetraenoic acid	
5-carboxamidotryptamine	
5-methoxy-carbonylamino-N-acetyltryptamine, also known as GR 135531	
7-nitroindazole	
8-hydroxy-2-(di-n-propylamino)tetralin	
Anthracene-9-carboxylic acid	
N-(5-[4,5-dihydro-1H-imidazol-2-yl]-2-hydroxy-5,6,7,8-tetrahydronaphthalen-1-yl)methanesulphonamide hydrobromide	
N ⁶ -(4-aminobenzyl)-adenosine-5'-N-methyluronamide	
(S)-3-methyl-5-(1-methyl-2-pyrrolidinyl) isoxazole	
acetyl-[Asn ³⁰ ,Tyr ³²]salmon calcitonin	
(\pm)-5,11-dihydro-11-([{2-(2-N,N-[dipropylamino]methyl)piperidin-1-yl}ethylamino]carbonyl)-6H-pyrido[2,3-b](1,4)benzodiazepine-6-one	
1-[2-hydroxyphenyl]-4[3-nitrophenyl]-1,2,3,6-tetrahydropyrimidine-2-one	
(Z)-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	
trans-2-(4-[1-hydroxyhexyl]phenyl)-5-oxocyclopentaneheptanoate	
(1a[ϵ],2b,5a)-(\pm)-7-(5-[(1,1'-biphenyl)-4-yl]methoxy)-2-[4-morpholinyl]-3-oxocyclopentyl)-4-heptenoate	
1-aminoindan-1,5(RS)-dicarboxylic acid, also known as UPF523	
6-iodopravadoline	
(RS)- α -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid	
N-butyl-N-ethyl-(2,5,6-trimethyl)-7-[2,4,6-trimethylphenyl]-7H-pyrrolo[2,3-d]pyrimidin-4-yl-amine	

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	
AZT	Sigma-Aldrich
BADGE	Sigma-Aldrich, Tocris
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, Tocris
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	
CGP35348	Tocris
CGP37849	Sigma-Aldrich, Tocris
CGP42112A	
CGP54626	Tocris
CGP55845	Tocris
CGP61594	Sigma-Aldrich
CGP62349	Sigma-Aldrich
CGP64213	Sigma-Aldrich
CGP71683A	Sigma-Aldrich
CGS15943	Sigma-Aldrich, Tocris
CGS19755	Tocris
CGS21680	Sigma-Aldrich, Tocris
CGS25019C	Sigma-Aldrich
charybdotoxin	Bachem, Calbiochem
chelerythrine	Sigma-Aldrich, Tocris

Compound	Supplier	
CHPG	(RS)-2-chloro-5-hydroxyphenylglycine	Sigma-Aldrich, Tocris
CI966	(1-[2-(bis-4(trifluoromethyl)phenyl)methoxyethyl]-1,2,5,6-tetrahydro-3-pyridinecarboxylic acid	Sigma-Aldrich, Tocris
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, Tocris
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), Tocris
CNQX	6-cyano-7-nitroquinoxaline-2,3-dione	Sigma-Aldrich, Tocris
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, Tocris
CPA	N ⁶ -cyclopentyladenosine	Tocris
CPCCOEt	cyclopropan[b]chromen-1a-carboxylate	Tocris
CPP	(\pm)-2-carboxypiperazine-4-yl)propyl-1-phosphonic acid	Sigma-Aldrich, Tocris
CTOP	DPhe-Cys-Tyr-dTrp-Lys-Thr-Pen-The-NH ₂	Sigma-Aldrich, Tocris
DAMGO	Tyr-dAla-Gly-[NMePhe]-NH(CH ₃) 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'R,2'R,3'R)-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, Tocris
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-threo- β -benzyloxyaspartate	Sigma-Aldrich
DMAB	3-(4)-dimethylaminobenzylidene anabaseine	Sigma-Aldrich
DMAC	3-(4)-dimethylaminocinnamylidene anabaseine	Sigma-Aldrich
DMMC	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	Tocris
DPCPX	8-cyclopentyl-1,3-dipropylxanthine	Tocris, Sigma-Aldrich
DPDPE	cyclic[dPen ² ,dPen ³]enkephalin	AG Scientific
DPDPE	cyc[dPen ² ,dPen ⁵]enkephalin	
D-Phe-CRF-(12-41)	d-Phe12,Nle21,38, α MeLeu37-CRF	
EGLU	(S)- α -ethylglutamate	Tocris
EHNA	erythro-9-(2-hydroxy-3-nonyl)adenine	Sigma-Aldrich, Tocris
EXP3174	n-butyl-4-chloro-1-([2'-(1H-tetrazol-5yl)]biphenyl-4-yl)methylimidazole-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]-H-pyrrole-3-carboxylate,	Tocris
FR139317	(R)2-([R-2-(S)-2-([1-{hexahydro-1H-azepinyl}carbonyl]amino)methyl]pentanoyl)amino-3-(3-[methyl-1H-indodyl])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-[[[(Cyclohexylamino)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-piperidinylmethyl-1-methyl-1H-indole-3-carboxylate	Tocris

Compound	Supplier	
GR125743	n-[4-methoxy-3-(4-methyl-1-piperidyl)phenyl]-3-methyl-4-(4-pyrindinyl)benzamide	Sigma-Aldrich
GR159897	(R)-1-(2-[5-fluoro-1H-indol-3-yl]ethyl)-4-methoxy-4(phenylsulfanyl)methylpiperidine	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)	
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, Tocris
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-piperidinyl]ethenyl]decahydro-3-methylnaphtho[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
IC1118551	(-)-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
IP-10	γ -interferon-inducible protein 10	Sigma-Aldrich
Ip ₃ I	diinosine-5',5''-pentaphosphate	Sigma-Aldrich
IRL1620	Suc[Glu ⁹ ,Ala ^{11,15}]ET-1-(10-21)	Tocris
IRL2500	<i>N</i> -(3,5-dimethylbenzoyl)- <i>N</i> -methyl-(<i>D</i>)-(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-6a,7,10,10a-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>]-quinazolinone	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	11,12,13,13a-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, Tocris
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, Tocris
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- <i>N</i> -(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	
LY393675	<i>a</i> -substituted-cyclobutylglycine	Sigma-Aldrich
M15	galanin-(1-13)-substance P-(5-11) amide, also known as galantide	Sigma-Aldrich, 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, Tocris

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, Tocris
Methanandamide	(R)-(+)-arachidonoyl-1'-hydroxy-2'-propylamide	Sigma-Aldrich, Tocris
MeTRH	pGlu-[N ⁵ -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-[<i>p</i> -chlorobenzyl]-5-[isopropyl]-3-tert-butylthioindol-2-yl)-2,2-dimethylpropanoic acid methyl ester	Tocris
MK912	(2 <i>S</i> ,12 <i>bS</i>)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-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, Tocris
MPIF-1	myeloid progenitor inhibitory factor 1	Sigma-Aldrich
MPP+	1-methyl-4-phenylpyridinium	Sigma-Aldrich
MPPG	(<i>RS</i>)-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	<i>N</i> -(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(<i>n</i> -propyl)xanthine	Sigma-Aldrich
MRS2179	<i>N</i> ⁶ -methyl-2'-deoxyadenosine-3',5'-bisphosphate	Sigma-Aldrich, Tocris
NADPH	reduced nicotinamide adenosine dinucleotide phosphate	Sigma-Aldrich
NAS181	(<i>R</i>)-(+)-2-[[[3-(morpholinomethyl)-2 <i>H</i> -chromen-8-yl]oxy]methyl] morpholine methane sulphonate	Tocris
NBI27914	2-methyl-4-(<i>N</i> -propyl- <i>N</i> -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'- <i>N</i> -ethyluronamide	Sigma-Aldrich, Tocris
NF023	8,8'-(carbonylbis[imino-3,1-phenylene carbonylimino])bis-1,3,5-naphthalenetrisulphonic acid	Tocris
NFPS	<i>N</i> -[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	<i>L</i> - <i>N</i> ⁶ -(1-iminoethyl)lysine	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)oxyethyl)-1,2,5,6-tetrahydro-3-pyridinecarboxylic acid hydrochloride	Sigma-Aldrich, 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, Calbiochem
ONO-AE1-329	16-(3-methoxymethyl)phenyl-ω-tetranor-3,7-dithia-PGE ₁	Calbiochem, Sigma-Aldrich
OPC51803	(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	Calbiochem, Sigma-Aldrich
ORC2058	16-α-ethyl-21-hydroxy-19-norpregn-4-ene-3,20-dione	Sigma-Aldrich
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	Tocris, Calbiochem
PD102807	9-methoxy-2-methyl-11,12-dihydro-3 <i>H</i> ,6 <i>aH</i> ,13 <i>H</i> -6-oxa-3,12 <i>a</i> -diazabenzocyclopenta(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	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>)αMePheNH(CH ₂) ₇ NHCONH ₂	Sigma-Aldrich
PD168077	<i>N</i> -methyl-4-(2-cyanophenyl)piperazinyl-3-methylbenzamide	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
PIP ₂	Phosphatidylinositol 4,5-bisphosphate	Avanti, Roche, Sigma-Aldrich

Compound	Supplier
PIP ₃	Sigma-Aldrich
Pirenzepine	Sigma-Aldrich, Tocris
PPADS	Sigma-Aldrich, Tocris
PtdIns(3,4,5)P ₃	Sigma-Aldrich
Pyr ³ TRH	Sigma-Aldrich
R(+)SKF38393	
R(+)SKF81297	Sigma-Aldrich
R1881	Sigma-Aldrich
Ro16-6491	
Ro201724	Tocris
Ro251553	
Ro318220	Sigma-Aldrich
Ro600175	Tocris
RP67580	Sigma-Aldrich, Tocris
RS102221	Sigma-Aldrich, Tocris
RS17053	Tocris
RS67506	Tocris
RS93520	Sigma-Aldrich
RU28318	Tocris
ruthenium red	Sigma-Aldrich, Tocris
RX821002	Tocris
Ryanodine	Sigma-Aldrich, Tocris
S20098	Sigma-Aldrich, Tocris
SB200646	Tocris
SB203580	Tocris, Calbiochem, Sigma-Aldrich
SB204741	Sigma-Aldrich, Tocris
SB207710	Sigma-Aldrich
SB224289	Sigma-Aldrich, Tocris
SB236057	Sigma-Aldrich
SB258585	Sigma-Aldrich, Tocris
SB258719	Sigma-Aldrich
SB269970	Tocris
SB277011	Sigma-Aldrich
SB334867A	Tocris
SB366791	Tocris
SC19220	Sigma-Aldrich, Tocris
SC46275	Sigma-Aldrich
SC51089	Sigma-Aldrich
SC51322	Sigma-Aldrich
SCH23390	Sigma-Aldrich
S-ENBA	
SIB1757	Sigma-Aldrich, Tocris
SIB1893	Sigma-Aldrich, Tocris
SKF83566	Tocris
SKF89976A	Sigma-Aldrich, Tocris
SKF96265	Calbiochem, Sigma-Aldrich
SLC	Sigma-Aldrich
SQ27986	Sigma-Aldrich
SR142801	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
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, Tocris
SR95531	2-(3'-carboxy-2'-propyl)-3-amino-6- <i>p</i> -methoxyphenylpyridazinium bromide	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
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, Tocris
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, Tocris
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]carbonylmethyl)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
xestospongins C		Sigma-Aldrich