

# Cell Biology - Study/Probes

## Cell Signaling probes and reagents

### Peptides probes for phosphorylation enzymes (kinases)

All the following peptides have been used in assaying a broad variety of protein kinases and protein phosphatases. They are listed above by main applications in protein phosphorylation (1mg size). Please inquire for more information (specificity, application literature, other quantities...).

Family	Enzyme	Substrate name(sequence *)	MW*	Native	Green Fluorescent FAM $\lambda_{exc}/\lambda_{em}$ 594/522 nm	Red Fluorescent TAMRA $\lambda_{exc}/\lambda_{em}$ 546/574 nm	Biotinylated	Phosphorylated	
<b>AGC</b>	PKA	<b>Kemptide</b>	771.9	277225	HG0621	HG8031	HT3981	HT6370	
		LRRASLG							
		<b>Human 40S Ribosome S6 (231-239)</b>	1113.3	HT4841	HG8480	HG7912	HT3680		
			RRRLSSLRA-NH2						
			<b>CREBtide</b>	1717.0	HT1961	HG7980	HH2821	HH3341	
			KRREILSRPSYR						
	PKC		<b>Neurogranin (28-43)</b>	1800.1	714392	HG7691	HG8610	HT8481	HT1970
			AAKIQASFRGHMARKK						
			<b>MARCKS Protein (154-165)</b>	1543.9	1543.9	HS5971	HG8630	HG8141	HS7371
			KKRFSFKKSFKL						
			<b>Glycogen Synthase (1-8)</b>	1269.6	HT8571	HG3711	HG4230	HT2760	
			PLSRTLVAACK-NH2						
			<b>PKC<math>\epsilon</math> Substrate</b>	2067.5	HT7681	HH3070	HG8770	HU1251	HT9820
			ERMRRPRKROGSVRRRV						
			<b>PKC<math>\mu</math> Substrate</b>	1615.0	HU2941	HG9221	HG7410	HT6631	HU1280
			AALVRQMSVAFFFK						
			<b>Human 40S Ribosome S6 (231-239)</b>	113.3	HT4841	HG8480	HG7912	HT3680	
	RRRLSSLRA-NH2								
	<b>BPDEtide</b>	1574.8	HS7630	HH0420	HG9151	HT0030			
	RKISASEFDRPLR								
	<b>PKC Substrate 5</b>	1701.0	HU0422	HG7561	HG7790	HS9350	HS9880		
	RRGRTGRGRRGIFR								
	<b>PKC<math>\delta</math> Substrate</b>	2488.0	HT3300	HH0270	HG8890	HS5281	HS9410		
	RFVAVRDMRQTVAVGVKAVDKK								
	<b>PKG Substrate 1</b>	1281.5	HS6621	HG0291	HH3140	HT4021	HT6401		
	QKRPRRKDTP								
PKG		<b>PKG Substrate 2</b>	902.0	HT5071	HG3410	HH1202	HT3821	HS9940	
		RKRSRAE							
		<b>Syntide-2</b>	1507.9	HT9641	HH3121	HG7941	HT0461		
		PLARTLSVAGLPGKK							
<b>CaMK</b>	CaMK	<b>Glycogen Synthase (1-8)</b>	1269.6	HT8571	HG3711	HG4230	HT2760		
		PLSRTLVAACK-NH2							
		<b>CaM Kinase II Substrate (281-291)</b>	1358.6	HS7330	BU1160	BU1180	BU1190	HS7150	
		MHROETVDCLK-NH2							
		<b>Autocamide-3</b>	1508.7	BU1220	HG3201	HG8820	HS5550	BU1230	
	KKALHROETVDAL								
	<b>Autocamide-2</b>	1527.8	Q62151	HH2240	HH0481	HS9361	HS5500		
	KKALRRROETVDAL								
	<b>Glycogen Synthase (1-10)</b>	1045.2	HT4030	HG8392	HG9112	HS6810			
	PLSRTLVSVAACK-NH2								
	<b>AKT Substrate</b>	1715.9	HS6120	HG8151	HG1940	HS6600	HT8671		
	ARKRERTYSFGHHA								

## Cell signaling probes and reagents

Family	Enzyme	Substrate name(sequence *)	MW*	Native	Green Fluorescent FAM $\lambda_{exc}/\lambda_{em}$ 594/522nm	Red Fluorescent TAMRA $\lambda_{exc}/\lambda_{em}$ 546/574nm	Biotinylated	Phosphorylated	
<b>CMGC</b>	AKT/PKB	Crosstide	1164.2	HS8950	HG9170	HG8601	HS8891		
		GRPRTSSFAEG Protein Kinase p34(cd2) Substrate	2406.7	HS5632	HG8730	HG8081	HT7210	HS9140	
	CDK	CDK5 Substrate	1139.5	HU1691	HG1531	HG9850	HT7700	HU0981	
		PKTPKKAKKL CDK1 Substrate	1190.4	HT2230	HG7950	HG7920	HT2601	HT6521	
	MAPK	HATPPKKRKK							
		Myelin Basic Protein (94-102)	967.1	HS5300	HG8741	HG4810	HS9290	HT5971	
		APRTPGGRR EGF Receptor (661-681)	2317.7	HT2851	BU1240	BU1250	BU1260	BU1270	
		KRELVEPLTPSGEAPNOALLR-NH2 Human 40S Ribosome S6 (231-239)	1113.3	HT4841	HG8480	HG7912	HT3680		
	GSK-3	RRRLSSLRA-NH2 MAP Kinase Substrate 3	1086.2	HT8990	HG6721	HF8321	HT5450		
		KQAEAVTSPR Tyrosine Kinase Peptide 3	1519.7	HT8881	HH2081	HH2150	HS5330	HT1411	
RRLIEDAEYAARG									
<b>PTK</b>	EGFR	EGFR Protein Tyrosine Kinase Substrate	1076.1	HS8501	HG7671	HG8540	HT6050	HT5560	
		ADEYLIPQQ Tyrosine Kinase Peptide 1	1669.9	HT7061	HG9290	HG5990	HT3710		
		KVEKIGEGTYGVVYK Tyrosine Kinase Peptide 3	1519.7	HT8881	HH2081	HH2150	HS5330	HT1411	
	SRC	RRLIEDAEYAARG p60c-src Substrate I	877.0	HT6941	HG8381	HG7711	HT6842		
		YIYGSK EGFR Protein Tyrosine Kinase Substrate	1076.1	HS8501	HG7671	HG8540	HT6050	HT5560	
		ADEYLIPQQ Casein Kinase II Substrate 2	1294.2	HS9080	HG8221	HF9910	HT0700	HT2240	
		RRADSDDDDD Casein Kinase II Substrate 2	1294.2	HS9080	HG8221	HF9910	HT0700	HT2240	
	RRADSDDDDD								
	<b>CK</b>	CK	Casein Kinase I Substrate	2131.2	HT9521	HG7530	HH3060	HS6770	
			RRKDLHDDEEDEAMSITA Protein Tyrosine Phosphatase 1B Subunit	1330.3	HT4211	HG3341	BU1280	HT3050	
DADEpYLIPOQG									
<b>PP</b>	PP&PTP	Protein Tyrosine Phosphatase Substrate 1	1118.0	HS7720	HG9192	HG8680	HT5480		
		ENDppYINASL Protein Tyrosine Phosphatase 1B Substrate	1359.4	HS7241	HF8950	HG8360	HT0720		
		Ac-ELEFpYMDYE-NH2 PTP-FRET	1441.3		HH3341				
Mca-EDAepYAAK(Dnp)R-NH2									

\*AA sequence and MW of the native substrate. Add 358.3 for 5-FAM, 412.5 for 5-TAMRA, 226.3 for Biotin, 80 for phosphoryl labels.

### Biochemicals for Phospholipases studies

Description	Cat.#	Qty
Arachidonoyl Thio-PC	Q87020	5 mg
Arachidonoyl Trifluoromethyl Ketone	Q86960	1 mg
1,2-bis(heptanoylthio) Glycerophosphocholine	Q87010	5 mg
Bromo-enol lactone	Q87510	5 mg
7,7-dimethyl-5,8-Eicosadienoic Acid	049330	1 mg
Methyl .alpha.-Linolenyl Fluorophosphonate	Q87470	1 mg
Methyl .gamma.-Linolenyl Fluorophosphonate	Q87480	1 mg
Methyl Arachidonoyl Fluorophosphonate	574731	1 mg
Oleyl Trifluoromethyl Ketone	Q87160	1 mg
Oleyloxyethyl Phosphorylcholine	051010	1 mg
PAF Acetylhydrolase Blocking Peptide	Q89190	200 µg
Palmitoyl Trifluoromethyl Ketone	Q87170	1 mg
Prostaglandin Bx	860140	1 mg
10-Pyrene-PC	Q87030	1 mg
sPLA2 (murine Type V) Blocking Peptide	S00520	200 µg
sPLA2 (Type III)	446882	1 mg
2-Thio PAF	Q86920	5 mg
Thioetheramide-PC	981940	1 mg
U-73122	C49011	1 mg
Umbelliferyl Arachidonate	Q87180	5 mg

### Biochemicals for Leukotrienes studies

Description	Cat.#	Qty
Bestatin (hydrochloride)	Q87410	5 mg
BLT1 Receptor Blocking Peptide	Q88490	1 mg
CysLT1 Receptor Blocking Peptide	Q89070	1 ea
Leukotriene A3 methyl ester	771461	25 µg
Leukotriene A4 methyl ester	340281	25 µg
Leukotriene B3	Q85970	25 µg
12-epi Leukotriene B3	Q86000	25 µg
Leukotriene B4	419051	25 µg
Leukotriene B4 dimethyl amide	Q85990	25 µg
Leukotriene B4 Ethanolamide	Q85980	25 µg
Leukotriene B4-d4	Q89050	25 µg
20-carboxy Leukotriene B4	447491	25 µg
20-hydroxy Leukotriene B4	433791	25 µg
12-epi Leukotriene B4	AM0700	25 µg
12-epi Leukotriene B4-d4	Q89060	25 µg
6-trans Leukotriene B4	578140	25 µg
6-trans-12-epi Leukotriene B4	861421	25 µg
20-trifluoro Leukotriene B4	861480	25 µg
Leukotriene C4	489691	25 µg
11-trans Leukotriene C4	Q86030	25 µg
Leukotriene D4	489701	25 µg
11-trans Leukotriene D4	Q86050	25 µg
Leukotriene E4	489711	25 µg
11-trans Leukotriene E4	Q86060	25 µg
N-acetyl Leukotriene E4	549610	25 µg
Leukotriene F4	504270	25 µg
Leukotriene G4	Q86090	25 µg
LY171883	Q87530	5 mg
LY83583	034520	1 mg
MK 571 (sodium salt)	Q87540	1 mg
17-Octadecynoic Acid	711922	1 mg
REV 5901	Q87430	5 mg
U-75302	Q87520	50 µg

### Biochemicals for Prostaglandin studies

Description	Cat.#	Qty
AH 6809	991040	1 mg
1-Benzylimidazole	040781	1 g
Beraprost (sodium salt)	Q85870	1 mg
(S)-(-)-1,1'-Bi-2-naphthol	Q87310	250 mg
BimatoprostTM (free acid)	606460	1 mg
(R)-Butaprost	S00150	1 mg
Butaprost	Q85120	1 mg
BW 246C	Q84990	1 mg
BWA868C	AM0570	1 mg
Carbaprostacyclin	300370	1 mg
5-cis Carbaprostacyclin	Q85830	1 mg
13,14-dehydro-15-cyclohexyl Carbaprostacyclin	Q85840	50 µg
CAY10397	S03550	1 mg
CAY10410	S00400	1 mg
Ciprostene (calcium salt)	Q85850	1 mg
(±)-Cloprostenol	162481	1 mg
(+)-Cloprostenol (sodium salt)	C52290	1 mg
Corey Aldehyde Benzoate	Q87280	1 g
Corey Lactone Diol	Q87290	1 g
ent-Corey Alcohol Benzoate	Q87300	1 g
EP4 Receptor (N-Term) Blocking Peptide	P58590	200 µg
Fluprostenol	332900	1 mg
(+)-Fluprostenol	Q85690	1 mg
(+)-Fluprostenol-d4	Q89020	50 µg
(+)-Fluprostenol isopropyl ester	S00300	1 mg
(+)-Fluprostenol Lactone Diol	S03520	100 mg
2,3-dinor Fluprostenol	Q85700	25 µg
9-keto Fluprostenol	Q85710	1 mg
11-keto Fluprostenol	Q85720	1 mg
9-keto Fluprostenol isopropyl ester	S00310	1 mg
15-keto Fluprostenol isopropyl ester	S00320	1 mg
Furegrelate (sodium salt)	789711	1 mg
I-BOP	876550	100 µg
Iloprost	AM0690	500 µg
I-SAP	Q85900	100 µg
8-Isoprostane Affinity Column	Q89900	5 ml
Latanoprost	Q85750	1 mg
Latanoprost (free acid)	Q85740	1 mg
Latanoprost Lactone Diol	S03530	100 mg
15-keto Latanoprost	T77590	1 mg
15-keto Latanoprost (free acid)	S00330	1 mg
Limaprost	Q85160	1 mg
Misoprostol	Q85170	1 mg
Misoprostol (free acid)	Q85180	1 mg
PGE synthase-1 (microsomal) blocking peptide	Q89170	1 ea
Piriprost (potassium salt)	Q85860	1 mg
16,16-dimethyl Prostaglandin A1	860130	1 mg
15-epi Prostaglandin A1	Q84880	1 mg
15-deoxy-.delta.12,14-Prostaglandin A1	Q84750	1 mg
Prostaglandin A1	244102	1 mg
Prostaglandin A1 ethyl ester	Q84490	1 mg
Prostaglandin A2	401172	1 mg
Prostaglandin A2-d4	861620	50 µg
17-phenyl trinor-13,14-dihydro Prostaglandin A2	780890	1 mg
16,16-dimethyl Prostaglandin A2	780880	1 mg
19(R)-hydroxy Prostaglandin A2	Q84930	50 µg
13,14-dihydro-15-keto Prostaglandin A2	495560	1 mg
15(R)-15-methyl Prostaglandin A2	Q84900	1 mg
16-phenoxy tetranor Prostaglandin A2	Q84910	1 mg
17-phenyl trinor Prostaglandin A2	Q84920	1 mg
15-deoxy-.delta.12,14-Prostaglandin A2	Q84890	1 mg
Prostaglandin A3	651880	100 µg
Prostaglandin B1	493912	1 mg
Prostaglandin B2	401182	1 mg
Prostaglandin B2-d4	861631	50 µg
19(R)-hydroxy Prostaglandin B2	Q84940	50 µg

See also  
Ebselen #04911 page E103.

# Cell Biology - Study/Probes

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Description	Cat.#	Qty
Prostaglandin B3	Q84950	100 µg
Prostaglandin Bx	860140	1 mg
Prostaglandin D Synthase (Lipocalin type) Blocking Peptide	Q65330	200 µg
Prostaglandin D1	Q84960	1 mg
Prostaglandin D1 Alcohol	Q84970	1 mg
Prostaglandin D2	366032	1 mg
Prostaglandin D2-d4	Q89000	25 µg
16,16-dimethyl Prostaglandin D2	Q85020	1 mg
13,14-dihydro-15-keto Prostaglandin D2	200720	1 mg
15(R)-15-methyl Prostaglandin D2	Q85010	1 mg
15(S)-15-methyl Prostaglandin D2	666180	1 mg
11-deoxy-11-methylene Prostaglandin D2	S00100	1 mg
17-phenyl trinor Prostaglandin D2	S00110	1 mg
15-deoxy-.delta.12,14-Prostaglandin D2	Q85000	500 µg
5-trans Prostaglandin D2	AM0580	1 mg
Prostaglandin D2 Ethanolamide	Q84980	1 mg
Prostaglandin D3	Q85030	50 µg
15-hydroxy Prostaglandin Dehydrogenase Blocking Peptide	S00530	200 µg
15-hydroxy Prostaglandin Dehydrogenase Polyclonal Antibody	Q46080	1 ea
Prostaglandin E1	244112	1 mg
Prostaglandin E1-d4	Q89010	50 µg
Prostaglandin E1 Alcohol	606040	1 mg
Prostaglandin E1 Ethanolamide	Q85050	1 mg
11.beta.-Prostaglandin E1	860150	1 mg
.delta.17-Prostaglandin E1	Q85070	1 mg
15(R)-Prostaglandin E1	652020	1 mg
Bicyclo Prostaglandin E1	Q85090	1 mg
11-deoxy Prostaglandin E1	607170	1 mg
1a,1b-dihomo Prostaglandin E1	Q85060	1 mg
13,14-dihydro Prostaglandin E1	780900	1 mg
16,16-dimethyl Prostaglandin E1	Q85130	1 mg
2,3-dinor Prostaglandin E1	Q85080	25 µg
13,14-dihydro-19(R)-hydroxy Prostaglandin E1	Q85100	50 µg
15(R),19(R)-hydroxy Prostaglandin E1	Q85190	50 µg
19(R)-hydroxy Prostaglandin E1	237310	50 µg
8-iso Prostaglandin E1	607550	1 mg
13,14-dihydro-15(R)-Prostaglandin E1	647180	1 mg
13,14-dihydro-15-keto Prostaglandin E1	780910	1 mg
6-keto Prostaglandin E1	495570	1 mg
15-keto Prostaglandin E1	Q85110	1 mg
16,16-dimethyl-6-keto Prostaglandin E1	Q85150	1 mg
15(S)-15-methyl Prostaglandin E1	617780	1 mg
16-phenyl tetranor Prostaglandin E1	Q85140	1 mg
Prostaglandin E2	244122	1 mg
Prostaglandin E2 Ethanolamide	Q85210	1 mg
Prostaglandin E2 methyl ester	Q85200	1 mg
Prostaglandin E2 p-acetamidophenyl ester	Q85220	1 mg
Prostaglandin E2 p-benzamidophenyl ester	Q85230	1 mg
11.beta.-Prostaglandin E2	606670	1 mg
15(R)-Prostaglandin E2	652560	1 mg
5-trans Prostaglandin E2	612700	1 mg
Bicyclo Prostaglandin E2	161810	1 mg
11-deoxy Prostaglandin E2	Q85270	1 mg
11-deoxy-16,16-dimethyl Prostaglandin E2	091130	1 mg
13,14-dihydro-15-keto Prostaglandin E2	401100	1 mg
16,16-dimethyl Prostaglandin E2	495820	1 mg
16,16-dimethyl Prostaglandin E2 p-(p-acetamidobenzamido)phenyl ester	Q85310	1 mg
9-deoxy-9-methylene-16,16-dimethyl Prostaglandin E2	Q85250	1 mg
15(R),19(R)-hydroxy Prostaglandin E2	Q85340	50 µg
19(R)-hydroxy Prostaglandin E2	616860	50 µg
20-hydroxy Prostaglandin E2	Q85350	50 µg
8-iso Prostaglandin E2 isopropyl ester	Q85240	1 mg
15-keto Prostaglandin E2	401090	1 mg
15(R)-15-methyl Prostaglandin E2	Q85280	1 mg
15(S)-15-methyl Prostaglandin E2	Q85290	1 mg
9-deoxy-9-methylene Prostaglandin E2	860160	1 mg
16-phenoxy tetranor Prostaglandin E2	161700	1 mg
16-phenyl tetranor Prostaglandin E2	Q85320	1 mg
17-phenyl trinor Prostaglandin E2	607390	1 mg

Description	Cat.#	Qty
Prostaglandin E3	668670	100 µg
17-trans Prostaglandin E3	Q85360	100 µg
Prostaglandin F1.alpha.	254132	1 mg
Prostaglandin F1.alpha. Alcohol	Q85370	1 mg
11-deoxy Prostaglandin F1.alpha.	Q85430	1 mg
11-deoxy Prostaglandin F2.alpha.	Q85600	1 mg
1a,1b-dihomo Prostaglandin F2.alpha.	Q85500	1 mg
13,14-dihydro Prostaglandin F2.alpha.	Q85630	1 mg
16,16-dimethyl Prostaglandin F2.alpha.	604360	1 mg
13,14-dihydro Prostaglandin F1.alpha.	066720	1 mg
6,15-diketo-13,14-dihydro Prostaglandin F1.alpha.	495770	100 µg
17,20-dimethyl Prostaglandin F1.alpha.	Q85440	1 mg
15(R),19(R)-hydroxy Prostaglandin F1.alpha.	Q85450	50 µg
19(R)-hydroxy Prostaglandin F1.alpha.	620800	50 µg
8-iso Prostaglandin F1.alpha.	Q85400	1 mg
13,14-dihydro-15-keto Prostaglandin F1.alpha.	613900	1 mg
6-keto Prostaglandin F1.alpha.	401150	1 mg
2,3-dinor-6-keto Prostaglandin F1.alpha. (sodium salt)	661840	100 µg
6-keto Prostaglandin F1.alpha.-d4	861671	25 µg
.delta.17-6-keto Prostaglandin F1.alpha.	972290	100 µg
3-methoxy Prostaglandin F1.alpha.	Q85380	1 mg
Prostaglandin F1.beta.	667340	1 mg
11-deoxy Prostaglandin F1.beta.	Q85420	1 mg
11-deoxy Prostaglandin F2.beta.	676770	1 mg
11.beta.-Prostaglandin F1.beta.	668450	1 mg
8-iso Prostaglandin F1.beta.	Q85410	1 mg
Prostaglandin F2.alpha.	409642	1 mg
Prostaglandin F2.alpha. (tromethamine salt)	409630	1 mg
Prostaglandin F2.alpha. 1,11-lactone	860180	1 mg
Prostaglandin F2.alpha. 1,15-lactone	860190	1 mg
Prostaglandin F2.alpha. 1,9-lactone	Q85510	1 mg
Prostaglandin F2.alpha. Alcohol	Q85460	1 mg
Prostaglandin F2.alpha. Alcohol methyl ether	Q85470	1 mg
Prostaglandin F2.alpha. dimethyl amide	Q85480	1 mg
Prostaglandin F2.alpha. dimethyl amine	Q85490	1 mg
Prostaglandin F2.alpha. Ethanolamide	S00190	1 mg
Prostaglandin F2.alpha. methyl ester	S00180	1 mg
Prostaglandin F2.alpha.-d4	861681	50 µg
11.beta.-Prostaglandin F2.alpha.	549570	1 mg
11.beta.-Prostaglandin F2.alpha. Ethanolamide	S00290	1 mg
15(R)-Prostaglandin F2.alpha.	525910	1 mg
15-cyclohexyl pentanor Prostaglandin F2.alpha.	612710	1 mg
2,3-dinor-11.beta.-Prostaglandin F2.alpha.	Q85610	25 µg
20-ethyl Prostaglandin F2.alpha.	S00380	1 mg
8-iso-15(R)-Prostaglandin F2.alpha.	Q85560	1 mg
15(R),19(R)-hydroxy Prostaglandin F2.alpha.	Q85780	50 µg
19(R)-hydroxy Prostaglandin F2.alpha.	600270	50 µg
20-hydroxy Prostaglandin F2.alpha.	Q85790	50 µg
2,3-dinor-8-iso Prostaglandin F2.alpha.	S00270	25 µg
8-iso Prostaglandin F2.alpha.	876540	1 mg
8-iso Prostaglandin F2.alpha.-d4	591500	25 µg
8-iso-15-keto Prostaglandin F2.alpha.	Q85550	100 µg
8-iso-13,14-dihydro-15-keto Prostaglandin F2.alpha.	Q85540	100 µg
15-keto Prostaglandin F2.alpha.	401130	1 mg
13,14-dihydro-15-keto Prostaglandin F2.alpha.	401140	1 mg
13,14-dihydro-15-keto Prostaglandin F2.alpha. isopropyl ester	Q85640	1 mg
11.beta.-13,14-dihydro-15-keto Prostaglandin F2.alpha.	Q85620	50 µg
15(R)-15-methyl Prostaglandin F2.alpha.	675870	1 mg
15(S)-15-methyl Prostaglandin F2.alpha.	780960	1 mg
15(R)-15-methyl Prostaglandin F2.alpha. methyl ester	Q85670	1 mg
15(S)-15-methyl Prostaglandin F2.alpha. methyl ester	Q85680	1 mg
16-phenoxy tetranor Prostaglandin F2.alpha.	614850	1 mg
16-phenyl tetranor Prostaglandin F2.alpha.	496640	1 mg
5-trans Prostaglandin F2.alpha.	780940	1 mg
5-trans Prostaglandin F2.alpha. (tromethamine salt)	861262	1 mg
8-iso Prostaglandin F2.beta.	Q85530	1 mg
5-trans Prostaglandin F2.beta.	Q85520	1 mg
16,16-dimethyl Prostaglandin F2.beta.	678020	1 mg
Prostaglandin F3.alpha.	300390	100 µg

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Description	Cat.#	Qty
8-iso Prostaglandin F3.alpha.	Q85800	50 µg
17-trans Prostaglandin F3.alpha.	Q85810	50 µg
Prostaglandin G2	495591	25 µg
Prostaglandin H1	876560	25 µg
Prostaglandin H2	277711	25 µg
Prostaglandin I Synthase Blocking Peptide	Q89200	200 µg
6.alpha.-Prostaglandin I1	Q85820	1 mg
6.beta.-Prostaglandin I1	607830	1 mg
Prostaglandin I2 (sodium salt)	401162	1 mg
Prostaglandin I3 (sodium salt)	P57910	500 µg
Prostaglandin J2	300400	500 µg
.delta.12-Prostaglandin J2	861290	100 µg
15-deoxy-.delta.12,14-Prostaglandin J2	861300	1 mg
15-deoxy-.delta.12,14-Prostaglandin J2-d4	Q89030	25 µg
Prostaglandin K2	Q85890	100 µg
SC-19220	991050	1 mg
SQ 29,548	252010	1 mg
Sulprostone	585571	1 mg
Tetranor-PGEM	Q85330	50 µg
Tetranor-PGFM	Q85770	50 µg
Tetranor PGEM-d6	861651	25 µg
Carbocyclic Thromboxane A2	492780	100 µg
Pinane Thromboxane A2	495850	500 µg
11-dehydro Thromboxane B2-d4	903620	25 µg
11-dehydro-2,3-dinor Thromboxane B2	Q85910	25 µg
2,3-dinor Thromboxane B2	672760	25 µg
11-dehydro Thromboxane B2	161780	1 mg
Thromboxane B2	338792	1 mg
Thromboxane B2-d4	876600	25 µg
11-dehydro Thromboxane B3	Q85930	50 µg
Thromboxane B3	Q85920	50 µg
5-trans Latanoprost	Q85760	1 mg
5-trans U-44069	Q85570	1 mg
5-trans U-46619	Q85580	1 mg
U-44069	495840	1 mg
.delta.-U-46619	861272	50 µg
U-46619	495830	1 mg
U-51605	Q85590	500 µg
Unoprostone	Q85650	1 mg
Unoprostone isopropyl ester	Q85660	1 mg

### Biochemicals for Endocrinology studies

Description	Cat.#	Qty
BW 723C86	Q87320	5 mg
13,14-dihydro Prostaglandin F2.alpha.	Q85630	1 mg
13,14-dihydro-15-keto Prostaglandin F2.alpha. AChE Tracer	Q89950	100 dtn
15-keto Prostaglandin F2.alpha.	401130	1 mg
Prostaglandin F1.alpha.	254132	1 mg
Prostaglandin F2.alpha.	409642	1 mg

### Biochemicals for Apoptosis studies

Description	Cat.#	Qty
Apaf-1 Blocking Peptide	Q89220	1 ea
C-2 Ceramide	103631	5 mg
C-6 Ceramide	Q87040	5 mg
C-6 NBD Ceramide	FP-52481A	1 mg
C-8 Ceramide	Q87080	1 mg
C-8 Ceramide-1-phosphate	Q87110	1 mg
C-8 Ceramine	Q87090	1 mg
Caspase-3 (human) Blocking Peptide	S00540	200 µg
N,N-Dimethylsphingosine	Q87130	5 mg
Fumonisin B1	Q87140	1 mg
Hexadecyl Acetyl Glycerol	Q86890	5 mg
Lignoceric Ceramide	Q87070	1 mg
Miltefosine	Q87220	25 mg
Nervonic Ceramide	Q87060	1 mg
Sphingosine-1-Phosphate	Q87120	1 mg



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