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CALCIUM METABOLISM

Research Tools

Channel Modulators

**Calpains & Calpain
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Probes & Indicators

Antibodies

**Calmodulins &
Related Products**

**Products for Your Research in
Calcium Metabolism and
Signal Transduction**

 CALBIOCHEM[®]

ANTIBODIES FOR CALCIUM METABOLISM RESEARCH

Product	Cat. No.	Size
Anti- ω -Agatoxin IVA, <i>Agelenopsis aperta</i> (Rabbit)	121976	100 μ g
NEW Anti-Calmodulin, <i>Dictyostelium discoideum</i> (Ab-1) (Mouse)	208693	200 μ l
NEW Anti-Calmodulin, <i>Dictyostelium discoideum</i> (Ab-2) (Mouse)	208696	200 μ l
NEW Anti-Calpain I, Domain II, Bovine (Mouse)	208727	100 μ l
NEW Anti-Calpain I, Domain III, Bovine (Mouse)	208728	100 μ l
NEW Anti-Calpain I, Large Subunit, Human (Rabbit)	208732	100 μ l
NEW Anti-Calpain II, Domains III/IV, Bovine (Mouse)	208729	100 μ l
NEW Anti-Calpain I/II, Small Subunit, Human Placenta (Mouse)	208730	100 μ g
NEW Anti-Calpastatin, Domain IV, Bovine (Mouse)	208903	100 μ l
NEW Anti- ω -Conotoxin GVIA, <i>Conus geographus</i> (Rabbit)	234772	100 μ g
Anti-IP ₃ Receptor, Synthetic (Mouse)	407140	50 μ g
Anti-IP ₃ Receptor, Synthetic (Rabbit)	407143	100 μ g
Anti- α -Latrotoxin, <i>Latrodectus tredecimguttatus</i> (Rabbit)	428007	100 μ g
Anti-Ryanodine Receptor (Mouse)	559279	50 μ g
NEW Anti-SERCA1 ATPase, Rabbit (Mouse)	564700	100 μ l
NEW Anti-SERCA2 ATPase, Canine (Mouse)	564702	100 μ l

CALCIUM ATPase INHIBITORS

BHQ	286888	100 mg
Calmidazolium Chloride	208665	10 mg
Cyclopiazonic Acid, <i>Penicillium cyclopium</i>	239805	5 mg
L-Stepholidine, <i>Stephania intermedica</i>	569403	20 mg
Suramin, Sodium Salt	574625	50 mg
		200 mg
Thapsigargin	586005	1 mg

CALCIUM CHANNEL AND METABOLISM MODULATORS

NEW Adenophostin A, Synthetic	115500	50 μ g
ω -Agatoxin IVA, <i>Agelenopsis aperta</i>	121975	5 μ g
ω -Agatoxin TK, <i>Agelenopsis aperta</i>	122302	5 μ g
L- α -Aminoadipic Acid	130011	1 g
NEW 2-APB	100065	100 mg
Baicalein	196322	10 mg
Bastadin 5, <i>Ianthella basta</i>	196700	100 μ g
Bastadin 10, <i>Ianthella basta</i>	196703	50 μ g
Bastadin 19, <i>Ianthella basta</i>	196705	100 μ g
Bastadin Mixture, <i>Ianthella basta</i>	196710	100 μ g
(\pm)-Bay K 8644	196878	1 mg
		5 mg
		25 mg
Bepidil, Hydrochloride	200366	10 mg
BHQ	286888	100 mg
Bombesin, Free Base	203675	500 μ g
		1 mg
2,3-Butanedione 2-Monoxime	203984	500 mg
Calcicludein, <i>Dendroaspis angusticeps</i>	207555	70 μ g
Calcisepine, <i>Dendroaspis polylepsis polylepsis</i>	208274	50 μ g
Chenodeoxycholic Acid, Sodium Salt	220411	1 g
		5 g
4-Chloro- <i>m</i> -cresol	220465	500 mg
ω -Conotoxin GVIA, <i>Conus geographus</i>	343781	100 μ g
ω -Conotoxin MVIIC, <i>Conus magus</i>	234630	25 μ g
ω -Conotoxin SVIB, <i>Conus striatus</i>	234635	25 μ g
Cyclic ADP-Ribose	239100	100 μ g

CALCIUM CHANNEL AND METABOLISM MODULATORS (contd.)

Product	Cat. No.	Size
Cyclopiazonic Acid, <i>Penicillium cyclopium</i>	239805	5 mg
Dantrolene, Sodium Salt	251680	100 mg
Diltiazem, Hydrochloride	309866	100 mg
Flunarizine, Dihydrochloride	343150	100 mg
FS2, <i>Dendroaspis polylepsis polylepsis</i>	344158	70 μ g
NEW Furanophostin	344920	100 nmol
FTX-3.3, <i>Agelenopsis aperta</i>	344594	100 μ g
sFTX-3.3	344595	100 μ g
Galanin, Porcine	05-23-2350	500 μ g
		1 mg
HA 1004, Dihydrochloride	371964	1 mg
HA 1077, Dihydrochloride	371970	1 mg
Heparin, Lithium Salt, Porcine Intestinal Mucosa	374858	100 KU
Heparin, Sodium Salt, Bovine Lung	375093	100 KU
Heparin, Sodium Salt, Porcine Intestinal Mucosa	375095	100 KU
		500 KU
Heparin, Sodium Salt, Porcine Intestinal Mucosa, Low Molecular Weight	375097	250 mg
Hepoxilin A ₃	375425	10 μ g
α -Latrotoxin, <i>Latrodectus tredecimguttatus</i>	428025	25 μ g
LY 83583	440205	5 mg
		25 mg
Maitotoxin, <i>Gambierdiscus toxicus</i>	442620	10 μ g
		25 μ g
(\pm)-Methoxyverapamil, Hydrochloride	454551	25 mg
Neomycin Sulfate	4801	25 g
Nifedipine	481981	250 mg
Nimodipine	482200	25 mg
Nitrendipine	482600	50 mg
<i>Pasteurella multocida</i> Toxin, Recombinant	512742	100 ng
Pertussis Toxin, B Oligomer, <i>Bordetella pertussis</i>	516852	40 μ g
Phloretin	524488	200 mg
Propranolol, Hydrochloride	539575	5 mg
NEW Ru360	557440	500 μ g
		1 mg
NEW Ribophostin	555600	100 nmol
Ruthenium Red	557450	250 mg
Ryanodine Mixture	559275	10 mg
		50 mg
		100 mg
Ryanodine, High Purity	559276	1 mg
		5 mg
		25 mg
Ryanodine, 9,21-Dehydro-Sarafotoxin S6b, <i>Atractaspis engaddensis</i>	559277	5 mg
12- <i>epi</i> -Scalaradial, <i>Cacospongia</i> sp.	05-23-3802	500 μ g
		565650
NEW SDZ-201 106 (\pm)	428040	20 mg
NEW SDZ-202 791 R (-)	428050	1 mg
SKF-96365, Hydrochloride	567310	5 mg
Sodium Butyrate	567430	250 mg
D-erythro-Sphingosine-1-phosphate	567727	1 mg
Sphingosylphosphorylcholine	567735	10 mg
L-Stepholidine, <i>Stephania intermedica</i>	569403	20 mg
Taicatoxin, <i>Oxyuranus scutellatus scutellatus</i>	574785	50 μ g
DL-Tetrahydroberberine	584100	20 mg
Tetrahydropalmatine, Hydrochloride	584218	5 mg
Tetrandrine	584408	50 mg
Thapsigargin	586000	1 mg
Thapsigargin	586005	1 mg
TMB-8, Hydrochloride	613546	25 mg
(\pm)-Verapamil, Hydrochloride	676777	100 mg



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CALCIUM CHANNEL AND METABOLISM MODULATORS (contd.)

Product	Cat. No.	Size
Veratridine	676950	5 mg
Vitamin D ₂ , 1 α -Hydroxy-	679100	1 mg
Vitamin D ₃ , 1 α ,25-Dihydroxy-	679101	50 μ g
Vitamin D ₃ , 1 α -Hydroxy-	679104	1 mg
NEW Xestospongins C, <i>Xestospongia</i> sp.	682160	50 μ g
NEW Xestospongins D, <i>Xestospongia</i> sp.	682162	50 μ g

CALCIUM IONOPHORES

A23187, Free Acid, <i>Streptomyces chartreusensis</i>	100105	1 mg 5 mg 10 mg 50 mg
A23187, Mixed Calcium-Magnesium Salt	100106	10 mg
A23187, 4-Bromo-	100107	1 mg
NEW CA 1001	205535	25 mg
Enniatin B, <i>Fusarium orthoceras</i> var. <i>enniatum</i>	324795	1 mg
NEW ETH 1001	205535	25 mg
Ionomycin, Free Acid, <i>Streptomyces conglobatus</i>	407950	1 mg 5 mg 10 mg
Ionomycin, Calcium Salt, <i>Streptomyces conglobatus</i>	407952	1 mg 5 mg 10 mg 25 mg
Palytoxin, <i>Palythoa toxica</i>	506438	25 μ g 100 μ g

CALCIUM CHELATORS

BAPTA, Tetrasodium Salt	196418	250 mg 500 mg 1 g
BAPTA, 5,5'-Dibromo-, Tetrasodium Salt	286818	100 mg
BAPTA/AM	196419	25 mg 100 mg
BAPTA/AM, 5,5'-Difluoro-	298724	25 mg
EDTA, Tetrasodium Salt	34103	500 g
EGTA	324625	1 g
EGTA/AM	324628	10 mg
MAPTAM	454867	25 mg
TPEN	616394	100 mg

CAGED CALCIUM CHELATORS

DM-NITROPHEN™ Reagent, Tetrasodium Salt (1 set = 10 x 500 μ g)	317210	1 set 5 mg
NITR 5, Tetrasodium Salt (1 set = 10 x 500 μ g)	482477	1 set 5 mg
NITR 5/AM (1 set = 10 x 500 μ g)	482478	1 set 5 mg
NITR 7, Tetrasodium Salt	482486	5 mg

CALCIUM INDICATORS AND PROBES

Arsenazo III	182715	100 mg
Chlortetracycline, Hydrochloride, <i>Streptomyces aureofaciens</i>	220725	1 g
Coelenterazine	233900	250 μ g
FF6, Pentapotassium Salt	341520	500 μ g
FFP-18, Pentapotassium Salt	341510	250 μ g
NEW FFP-18/AM, Pentapotassium Salt (1 set = 10 x 50 μ g)	341511	1 set
FLUO 3, Pentaammonium Salt	343244	500 μ g 1 mg

CALCIUM INDICATORS AND PROBES (contd.)

Product	Cat. No.	Size
FLUO 3/AM (1 set = 10 x 50 μ g)	343242	1 set 500 μ g 1 mg
NEW FLUO-3FF, Pentapotassium Salt	343245	500 μ g
NEW FLUO-3FF/AM (1 set = 10 x 50 μ g)	343246	1 set
FURA 2, Pentasodium Salt	344900	250 μ g 1 mg 5 mg
FURA 2/AM (1 set = 10 x 100 μ g)	344905	1 set 250 μ g 1 mg 5 mg
FURA 2/AM in Solution	344906	1 ml
NEW FURA-2FF, Pentapotassium Salt	344902	500 μ g
NEW FURA-2FF/AM (1 set = 10 x 50 μ g)	344904	1 set
FURA-PE3, Hexapotassium Salt	344910	500 μ g
FURA-PE3/AM (1 set = 5 x 50 μ g)	344911	1 set
INDO 1, Pentasodium Salt	402095	1 mg 5 mg
INDO 1/AM	402096	1 set 1 mg
NEW INDO-1FF, Pentapotassium Salt	402097	500 μ g
NEW INDO-1FF/AM (1 set = 10 x 50 μ g)	402098	1 set
QUIN 2, Tetrapotassium Salt	551826	50 mg
QUIN 2/AM	551828	10 mg

CALMODULIN AND OTHER CALCIUM-BINDING PROTEINS

Calbindin-D _{9k} , Porcine Intestine	206500	250 μ g
Calmodulin, Bovine Brain	208690	10 KU 50 KU
Calmodulin, Bovine Brain, High Purity	208694	1 mg 5 mg
Calmodulin, Biotinylated, Bovine Brain	208697	50 μ g
Calmodulin, Immobilized, Bovine Brain	208702	1 ml
Calmodulin, Chicken, Recombinant, <i>E. coli</i>	208695	1 mg
Calmodulin, Human Brain	208698	500 μ g
Osteocalcin, Bovine Bone	499050	100 μ g
Osteonectin, Bovine Bone	499240	50 μ g
Osteonectin, Human Platelets	499250	50 μ g
S-100 Protein, Bovine Brain	559284	1 mg
S-100 Protein, Human Brain	559291	1 mg
S-100 α Protein, Bovine Brain	559287	500 mg
S-100b Protein, Bovine Brain	559290	1 mg
Troponin C, Human Heart	648475	100 μ g

CALMODULIN ANTAGONISTS

Calmidazolium Chloride	208665	10 mg
Calmodulin Binding Domain	208734	1 mg
Chlorpromazine, Hydrochloride	215921	500 mg
Compound 48/80, Trihydrochloride	234500	100 mg
Fluphenazine-N-2-chloroethane, Dihydrochloride	344075	10 mg
Melittin	444605	250 μ g
Ophiobolin A, <i>Helminthosporium</i> sp.	496270	1 mg
Pentamidine Isethionate	516345	100 mg
Phenoxybenzamine, Hydrochloride	520225	200 mg
Trifluoperazine Dimaleate	642150	100 mg
W-5, Hydrochloride	681625	1 mg
W-7, Hydrochloride	681629	10 mg
W-12, Hydrochloride	681635	1 mg
W-13, Hydrochloride	681636	1 mg



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CALPAINS, CALPAIN INHIBITORS, AND SUBSTRATE

Product	Cat. No.	Size
ALLM	208721	25 mg
ALLN	208719	5 mg
		25 mg
Calpain I, Human Erythrocytes	208713	500 µg
Calpain I, Porcine Erythrocytes	208712	1 mg
Calpain II, Porcine Kidney	208715	1 mg
NEW Calpain II, Rat, Recombinant, High Purity, <i>E. coli</i>	208718	250 µg
		1 mg
Calpain Inhibitor III	208722	25 mg
Calpain Inhibitor IV	208724	1 mg
Calpain Inhibitor V	208726	1 mg
Calpain Substrate I, Fluorogenic	208723	25 mg
NEW Calpastatin, Human Erythrocytes	208901	100 µg
Calpastatin, Human, Recombinant	208900	1 mg
		3 mg
NEW Calpastatin Peptide	208902	500 µg
NEW Calpastatin Peptide, Negative Control	208904	500 µg
Calpeptin	03-34-0051	5 mg
		25 mg
		100 mg
EST	330005	1 mg
PD 150606	513022	5 mg

INOSITOL PHOSPHATES AND ANALOGS

(α -Glycerophosphoryl)-D- <i>myo</i> -1-inositol, Lithium Salt	407114	1 mg
<i>myo</i> -Inositol	4071	100 g
<i>scyllo</i> -Inositol	407111	25 mg
		1 g
D- <i>myo</i> -Inositol 3,4-Bisphosphate, Tetrammonium Salt	407118	50 µg
D- <i>myo</i> -Inositol, 3-Deoxy-3-fluoro-	407128	1 mg

INOSITOL PHOSPHATES AND ANALOGS (contd.)

Product	Cat. No.	Size
D- <i>myo</i> -Inositol 1,3,4-Trisphosphate, Hexapotassium Salt	407122	100 µg
D- <i>myo</i> -Inositol 1,4,5-Trisphosphate, Hexasodium Salt	407137	1 mg
D- <i>myo</i> -Inositol 1,4,5-Trisphosphate, Trilithium Salt	407123	100 µg
		1 mg
D- <i>myo</i> -Inositol 1,5,6-Trisphosphate, Hexaammonium Salt	407130	20 µg
D- <i>myo</i> -Inositol 1,4,5-Trisphosphate, 3-Deoxy-, Hexasodium Salt	407132	500 µg
D- <i>myo</i> -Inositol 1,4,5-Trisphosphate, 3-Deoxy-3-fluoro-, Hexasodium Salt	407129	100 µg
D- <i>myo</i> -Inositol 1,4,5-Trisphosphate, 2,3,6-Trideoxy-, Hexasodium Salt	407134	1 mg
D- <i>myo</i> -Inositol 2,4,5-Triphosphate, Hexaammonium Salt	407119	100 µg
Caged Ins(1,4,5)P ₃ , Trisodium Salt (1 set = 10 x 10 µg)	407135	1 set
		10 µg
		100 µg
D- <i>myo</i> -Inositol 1,3,4,5-Tetrakisphosphate, Octapotassium Salt	407126	10 µg
D- <i>myo</i> -Inositol 1,3,4,6-Tetrakisphosphate, Octaammonium Salt	407131	50 µg
D- <i>myo</i> -Inositol 1,2,3,4,5,6-Hexakisphosphate, Dodecasodium Salt, <i>Zea mays</i>	407125	25 mg
NEW L- α -Phosphatidyl-D- <i>myo</i> -inositol-3-phosphate, Dipalmitoyl-, Triammonium Salt	524612	100 µg
L- α -Phosphatidyl-D- <i>myo</i> -inositol-4-phosphate, Diammonium Salt, Bovine Brain	524647	100 µg
		1 mg
L- α -Phosphatidyl-D- <i>myo</i> -inositol-4,5-bisphosphate, Triammonium Salt, Bovine Brain	524644	100 µg
		1 mg
Caged GPII ₂ , Trisodium Salt	407133	10 µg
		100 µg

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