

ALZHEIMER'S DISEASE AND NEURO-DEGENERATIVE DISEASE RESEARCH

[S 8190](#) **sAPP α (444-612)** (Secreted Amyloid Precursor Protein α 444-612), recombinant, expressed in *E. coli*.

[H 6161](#) **[Gly¹⁴]-Humanin**
Potent rescue factor which suppresses neuronal cell death.

APOPTOSIS

[A 5851](#) **Anti-Apoptosis Signal-Regulating Kinase 1 (ASK/MAPKKK5), C-Terminal** (rabbit)

[C 8487](#) **Anti-Caspase-3, Active** (rabbit)

[P 5367](#) **Anti-PAR-4 (Prostate Apoptosis Response 4)** (rabbit)

CELL STRESS

[M 8065](#) **O⁶-Methylguanine-DNA Methyl transferase (MGMT)**
DNA repair enzyme.

CELL CYCLE

[C 9987](#) **Anti-CDK3** (rabbit)

[C 0238](#) **Anti-CDK8** (rabbit)

[K 3888](#) **Kenpauillone**
Potent inhibitor of CDK1/cyclin B, CDK2/cyclin A, CDK2/cyclin E, CDK5/p25 and GSK-3 β .

CYTOSKELETON

[C 6987](#) **Anti-Cortactin (GK-18)** (rabbit)

[C 7112](#) **Anti-Cortactin (KE-20)** (rabbit)

[E 9653](#) **Monoclonal Anti-Endothelial Cells,**
Clone PIH2

[K 3513](#) **Anti-KIF3A** (rabbit)

[K 3638](#) **Anti-KIF17** (rabbit)

[M 2441](#) **Anti-MAGI-2 (Membrane-Associated Guanylate Kinase Inverted-2)** (rabbit)

[P 5117](#) **Monoclonal Anti-Peripherin,** Clone 8G2

[P 3118](#) **Monoclonal Anti-p115/TAP (Transcytosis Associated Protein),** Clone 5D6

[S 4191](#) **Monoclonal Anti-SLIPR/MAGI-3,**
Clone SLP-32

[T 1323](#) **Monoclonal Anti- ϵ -Tubulin,**
Clone TUB-11

G PROTEIN

[R 4777](#) **Monoclonal Anti-Ran,** Clone ARAN1

GENE REGULATION

[D 8690](#) **(R,R)-cis-Diethyl tetrahydro-2.8-chrysenediol**
Potent estrogen receptor β antagonist; potent partial estrogen receptor α agonist.

[M 6191](#) **GW9662**
Irreversible peroxisome proliferator-activated receptor γ (PPAR γ) antagonist. *Sold for research purposes only, pursuant to an agreement with GlaxoSmithKline.*

[R 3902](#) **Monoclonal Anti-hnRNP (Heterogenous Nuclear Ribonuclear Proteins) M1-4,**
Clone HL-374

[R 3777](#) **Monoclonal Anti-hnRNP (Heterogenous Nuclear Ribonuclear Proteins) M3-4,**
Clone HL-372

[R 2902](#) **Monoclonal Anti-Retinoid X Receptor γ (mRXR γ),** Clone 1373

[T 1698](#) **Tetradecylthioacetic acid (TTA)**
Peroxisome proliferator-activated receptor α (PPAR α) agonist.

ION CHANNELS

[D 9190](#) **DCEBIO**
Facilitates chloride secretion in epithelia by activating potassium and chloride currents.

[D 8190](#) **3',4'-Dichlorobenzamil hydrochloride** (L-594,881)
Inhibits sodium/calcium exchanger, sodium transport and sarcoplasmic reticulum calcium release channel.

[F 9677](#) **Felodipine** (Plendil)
L-type calcium channel blocker.

[F 3176](#) **FS-2, *Dendroaspis p. polylepsis***
L-type calcium channel blocker.

[M 5441](#) **Mibefradil dihydrochloride** (Ro 40-5967)
T-type calcium channel blocker; anti-hypertensive.

[P 4243](#) **S-Petasin**
L-type voltage-dependent calcium channel blocker.

LIPID SIGNALING

[L 9539](#) **L-655,240**
Thromboxane A₂ receptor antagonist.

[L 2790](#) **Anti-Lipid Phosphate Phosphatase 2 (LPP2)** (rabbit)

[L 2915](#) **Anti-Lipid Phosphate Phosphatase 3 (LPP3)** (rabbit)

[T 9567](#) **Thiolactomycin**
Antibiotic; bacterial myristate synthesis inhibitor.

[U 1508](#) **U-75302**
BLT₁ leukotriene receptor agonist.

MULTI-DRUG RESISTANCE

[M 6565](#) **Monoclonal Anti-MRP-1 (MDR related protein-1)**, Clone P2A8/6

NEUROPEPTIDES

[P 4118](#) [**CPP¹⁻⁷**, **NPY¹⁹⁻²³**, **Ala³¹**, **Aib³²**, **Gln³⁴**]-**Pancreatic polypeptide (human)**
Potent and selective Y₅ neuropeptide Y receptor agonist.

[U 1008](#) **Urocortin III (human)**, synthetic

[U 0883](#) **Urocortin III (mouse)**, synthetic

NEUROTRANSMISSION

[B 9308](#) **BP 897**
Partially selective D₃ dopamine receptor agonist.
Sold with the permission of INSERM and BIOPROJET.

[C 6862](#) **CB 34**
Selective, high affinity ligand at peripheral benzodiazepine receptors.

[C 1112](#) **CP-55,940**
Cannabinoid receptor agonist; equipotent at CB₁ and CB₂ cannabinoid receptors.

[D 9815](#) **Doxazosin mesylate**
α₁ Adrenergic receptor blocker; related to prazosin.

[F 1678](#) **R(-)-Fluoxetine hydrochloride**
Selective serotonin reuptake inhibitor.

[F 1553](#) **S(+)-Fluoxetine hydrochloride**
Selective serotonin reuptake inhibitor.

[I 9531](#) **Imiloxan hydrochloride**
Selective α_{2B}-adrenoceptor antagonist.

[M 6316](#) **MRS 1754**
Selective A_{2B} adenosine receptor antagonist.
Manufactured and sold under exclusive license from Adenosine Therapeutics, LLC.

[S 2941](#) **SKF 75670 hydrobromide**
Atypical D₁ dopamine receptor agonist.

[S 3191](#) **SKF 83565 hydrobromide**
Atypical D₁ dopamine receptor agonist.

[S 2816](#) **SKF 83959 hydrobromide**
Atypical D₁ dopamine receptor agonist.

[S 3316](#) **SKF 89145 hydrobromide**
D₁ dopamine receptor agonist.

[S 3066](#) **SKF 89626 hydrobromide**
D₁ dopamine receptor agonist.

[T 9573](#) **Anti-Phospho-Tyrosine Hydroxylase (TH) (pSer⁴⁰)**, Rat (Rabbit)

[V 0389](#) **Anti-VGLUT-1 (Vesicular Glutamate Transporter 1)** (rabbit)

NUCLEAR SIGNALING

[A 8975](#) **Anti-AFX (FOXO4)** (rabbit)

[C 5112](#) **Monoclonal Anti-CUG Binding Protein 1** (CUG-BP1), Clone HL-1190

[F 2303](#) **Anti-FKHR (FOXO1)** (rabbit)

[F 2178](#) **Anti-FKHRL1 (FOXO3a)** (rabbit)

[H 9286](#) **Anti-Acetyl Histone H3 [Ac-Lys⁹]** (rabbit)

[H 9161](#) **Anti-Acetyl & Phospho Histone H3 (Ac-Lys⁹, pSer¹⁰)** (rabbit)

[H 9536](#) **Anti-Histone Deacetylase 4 (HDAC4) (DM-15)** (rabbit)

[H 9411](#) **Anti-Histone Deacetylase 4 (HDAC4) (ML-19)** (rabbit)

[P 7493](#) **Anti-PCAF (p300/CREB Binding Protein Associated Factor)** (rabbit)

[S 8316](#) **Monoclonal Anti-SUV39H1 Histone Methyltransferase**, Clone 44.1

PHOSPHORYLATION

[E 6029](#) **Anti-Phospho-EGFR [pTyr⁸⁴⁵]**, Human, (rabbit)

[G 1918](#) **Gö 6983**
PKC α and PKC β inhibitor.

[P 6493](#) **Anti-Phospho-PKR [pThr⁴⁵¹]**, Human (rabbit)

[P 9868](#) **Anti-Protein Phosphatase 5 (PP5)** (rabbit)

KITS

[MDRQ1](#) **Multi-Drug Resistance Quantitation Kit**
For the functional determination of multi-drug resistance in viable tumor cells. This kit provides a fast, sensitive and quantitative method for measuring transport activity of key multi-drug resistance proteins; specifically MDR1/P-glycoprotein and MRP1.

[NPT-01](#) **NeuroPORTER™ Transfection Kit**
A cationic lipid-based DNA transfection system specifically designed for the transfection of primary neurons, neuronal cell lines and glial cells. *NeuroPorter is a Trademark of Gene Therapy Systems, Inc.*

[NTS-I](#) **Nerve Terminal Staining Kit**
Used to detect and study synaptic vesicle recycling in neuronal synapses and neuromuscular junctions. NTS-I utilizes SynptoGreen C4 and the sulfonated β-cyclodextrin Advasep-7.

[NTS-II](#) **Nerve Terminal Staining Kit**
Used to detect and study synaptic vesicle recycling in neuronal synapses and neuromuscular junctions. NTS-II utilizes AM1-43 and the sulfonated β-cyclodextrin Advasep-7.

[NTS-V](#) **Nerve Terminal Staining Kit**
Used to detect and study synaptic vesicle recycling in neuronal synapses and neuromuscular junctions. NTS-V utilizes SynptoRed C2 and the sulfonated β-cyclodextrin Advasep-7.