

Peptides

Alfa Aesar offers an extensive range of peptides suitable for a wide range of research applications. Alfa Aesar peptide products are pre-manufactured to the highest purity standards in the industry and packaged in convenient, lyophilized aliquots. The selection includes many difficult sequences including amylin, amyloids, calcitonins, endothelins, neuropeptides, opioids, PACAPs, VIPs, defensins, and conotoxins. A complete listing of our peptides is available online.

b-Amyloids

Amyloid peptides are best known as the main components in amyloid plaques associated with Alzheimer's disease. The peptides are amphiphilic with hydrophilic N-terminal domains and a hydrophobic C-terminal domain.

Item	Description	Sizes
J66387	Amyloid beta (1-42), human	0.5mg, 1mg
J66757	Amyloid beta (1-28)	0.5mg, 1mg
J66913	Amyloid beta (1-38)	0.5mg, 1mg
J66031	Amyloid beta (42-1)	1mg

Caspase Substrates and Inhibitors

Caspases are cysteine proteases that cleave their substrates after aspartic acid residues. These proteases key apoptosis regulators. Their substrates and inhibitors are useful regulators of apoptotic activity.

Item	Description	Sizes
J65213	N-Acetyl-Tyr-Val-Ala-Asp-7-amino-4-(trifluoromethyl)coumarin	10mg
J64134	N-Acetyl-Asp-Glu-Val-Asp-7-amino-4-(trifluoromethyl)coumarin	10mg
J66513	Caspase-7 Substrate I, fluorogenic	0.5mg, 1mg
J66974	Caspase 2 Substrate, chromogenic	10mg, 25mg
J66300	Caspase-3 Inhibitor I, cell permeable	0.5mg, 1mg

Fibronectins & Extracellular Matrix Peptides

Fibronectins and extracellular matrix peptides are critical for cellular attachment and adhesion. These peptides often have the tripeptide sequence Arg-Gly-Asp (RGD) which is shared by a number of extracellular proteins.

Item	Description	Sizes
J65468	Arg-Gly-Asp	1mg, 5mg
J66441	Arg-Gly-Tyr-Val-Tyr-Gln-Gly-Leu	0.5mg, 1mg
J66466	Collagen Binding Fragment	1mg
J66606	Fibronectin CS1 Peptide	1mg, 5mg
J66903	Fibronectin-Binding Protein	0.5mg, 1mg

Peptides

Protein Kinase Related Peptides

Protein kinases transfer phosphates to amino acid residues in their substrate proteins. These phosphorylation events can regulate many types of cellular processes including metabolism, cell division or apoptosis. The following peptides are inhibitors and substrates of protein kinases

Item	Description	Sizes
J66426	Protein Kinase C (19-36)	0.5mg, 1mg
J61622	Protein Kinase C Substrate	1mg, 5mg
J66152	P34cdc2 Kinase Fragment	1mg, 5mg
J62843	Syntide 2, 96%	1mg, 5mg
J60591	Kemptide	1mg, 5mg