

Materials List for:

Solubility of Hydrophobic Compounds in Aqueous Solution Using Combinations of Self-assembling Peptide and Amino Acid

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URL: <https://www.jove.com/video/56158>

DOI: [doi:10.3791/56158](https://doi.org/10.3791/56158)

Materials

Name	Company	Catalog Number	Comments
EAK16-I	CanPeptide Inc.	Custom peptide	Sequence: AEAKAEAKAEAKAEAK, N-terminus acetylation and C-terminus amidation, >95% pure by HPLC
EAK16-II	CanPeptide Inc.	Custom peptide	Sequence: AEAEAKAKAEAEAKAK, N-terminus acetylation and C-terminus amidation, >95% pure by HPLC
EAK16-IV	CanPeptide Inc.	Custom peptide	Sequence: AEAEAEAEAKAKAKAK, N-terminus acetylation and C-terminus amidation, >95% pure by HPLC
EFK8-II	CanPeptide Inc.	Custom peptide	Sequence: FEFEFKFK, N-terminus acetylation and C-terminus amidation, >95% pure by HPLC
A6KE	CanPeptide Inc.	Custom peptide	Sequence: AAAAAAKE, N-terminus acetylation and C-terminus amidation, >95% pure by HPLC
P6KE	CanPeptide Inc.	Custom peptide	Sequence: PEEEEPPKE, N-terminus acetylation and C-terminus amidation, >95% pure by HPLC
Alanine	Sigma-Aldrich	A7469-100G	L-Alanine
Isoleucine	Sigma-Aldrich	I7403-100G	L-Isoleucine
Leucine	Sigma-Aldrich	L8912-100G	L-Leucine
Methionine	Sigma-Aldrich	M5308-100G	L-Methionine
Proline	Sigma-Aldrich	P5607-100G	L-Proline
Valine	Sigma-Aldrich	V0513-100G	L-Valine
Phenylalanine	Sigma-Aldrich	P5482-100G	L-Phenylalanine
Tryptophan	Sigma-Aldrich	T8941-100G	L-Tryptophan
Tyrosine	Sigma-Aldrich	T8566-100G	L-Tyrosine
Glycine	Sigma-Aldrich	G8790-100G	L-Glycine
Asparagine	Sigma-Aldrich	A4159-100G	L-Asparagine
Glutamine	Sigma-Aldrich	G8540-100G	L-Glutamine
Serine	Sigma-Aldrich	A7219-100G	L-Serine

Threonine	Sigma-Aldrich	T8441-100G	L-Threonine
Histidine	Sigma-Aldrich	H6034-100G	L-Histidine
Lysine	Sigma-Aldrich	L5501-100G	L-Lysine
Arginine	Sigma-Aldrich	A8094-100G	L-Arginine
Aspartic Acid	Sigma-Aldrich	A7219-100G	L-Aspartic Acid
Glutamic Acid	Sigma-Aldrich	G8415-100G	L-Glutamic Acid
Cysteine	Sigma-Aldrich	C7352-100G	L-Cysteine
Dimethyl Sulfoxide	Sigma-Aldrich	D4540-500ML	DMSO
Ethanol	Sigma-Aldrich	277649-100ML	Anhydrous
Curcumin	Sigma-Aldrich	08511-10MG	Hydrophobic drug, curcumin
Rottlerin	EMD Millipore	557370-10MG	Hydrophobic drug, rottlerin
PP2	Enzo	BML-EI297-0001	Hydrophobic drug, PP2
Scintillation Vials	VWR	2650-66022-081	Borosilicate Glass, with Screw Cap, 20 mL. Vials for weighing peptide.
Falcon 50 mL Conical Centrifugation Tubes	VWR	352070	Polypropylene, Sterile, 50 mL. For amino acid solutions.