

Product Information



Product Name:	<i>3-D Life Scrambled RGD Peptide</i>
Description:	RGD sequences are motifs on extracellular matrix proteins promoting adhesion to cellular integrin receptors. The <i>3-D Life Scrambled RGD Peptide</i> contains a scrambled RGD motif and a thiol on a N-terminal cysteine residue. The thiol is used to immobilize the peptide on maleimide polymers in <i>3-D Life Hydrogels</i> . The immobilized peptide can be used as a control to determine the specificity of cell adhesion caused by a genuine RGD peptide (e.g. <i>3-D Life RGD Peptide</i>). Further information and detailed protocols are available in the <i>3-D Life Hydrogels User Guide</i> , http://www.cellendes.com/pdfs/manual_hydrogel.pdf .
Product Number:	09-P-003
Quantity:	1 μ mol
Application:	Cell adhesion control peptide. Covalent attachment to maleimide-polymer in <i>3-D Life Hydrogels</i> . For control of specificity of cell adhesion to RGD peptide.
Molar mass:	1022 g/mol
Peptide sequence:	Acetyl-Cys-Doa ¹ -Doa-Gly-Arg-Asp-Gly-Ser-Pro-NH ₂
Storage:	-20°C to -80°C
Purity:	>90% (HPLC)
Solubility:	20 mmol/l in water
Reconstitution:	Briefly centrifuge to make sure that entire product is on the bottom of the tube. Add 48 μ l sterile water to dissolve content at a concentration of 20 mmol/l thiol groups. Store reconstituted product at -20°C or -80°C.
NOTE:	INTENDED FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.

¹ Doa: 8-amino-3,6-dioxaoctanoic acid