

Product Data Sheet

Product name: *3-D Life* CD-Link

Description: *3-D Life* CD-Link is a component of the *3-D Life* Hydrogel system. It contains a thiol-functionalized polyethylene glycol-peptide conjugate that can be used together with Maleimide-PVA (Cat. No. M80-3) or Maleimide-Dextran (Cat. No. M90-3) in the *3-D Life* Hydrogel system.

The *3-D Life* Hydrogel system comprises reagents for setting up cell-compatible hydrogels that can be modified with peptides (e.g. *3-D Life* RGD Peptide) and other bioactive factors to allow the design of specific environments for 3-D cell cultures.

3-D Life CD-Link contains the peptide sequence Pro-Leu-Gly-Leu-Trp-Ala, which is known to be cleaved by matrix metalloproteases, such as MMP1, MMP3, MMP7 or MMP9¹.

Further information and detailed protocols are available in the *3-D Life* Hydrogels User Guide.

Catalog number: L60-1

Quantity: Allows formation of 1 ml *3-D Life* Hydrogel, crosslinked with 4 mmol/l maleimide groups.

Application: *3-D Life* CD-Link is used together with Maleimide-PVA (Cat. No. M80-3) or Maleimide-Dextran (Cat. No. M90-3) to establish 3-D cell cultures in biomimetic hydrogels.

Components:

	Materials provided ¹	Quantity	Storage Temperature ²
	CD-Link (20 mmol/l thiol groups)	200 µl	-20°C

¹ Filter-sterilized.

² Alternatively, the reagent can be stored at -80°C.

NOTE: INTENDED FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.

¹ Knight, C. G. et al. FEBS 296:263-66 (1992)