

Product Data Sheet

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

Description: *3-D Life* PEG-Link is a component of the *3-D Life* Hydrogel system. It contains thiol-functionalized polyethylene glycol 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.

3-D Life Hydrogels are generated by mixing the liquid components of the *3-D Life* system at physiological conditions in the presence of cells, where thiol groups form stable thioether bonds with maleimide groups, which results in the formation of a gel with embedded cells. Prior to the crosslinking step, peptides (*e.g.* *3-D Life* RGD Peptide) can be covalently attached to a portion of the maleimide groups of Maleimide-PVA or Maleimide-Dextran.


Further information and detailed protocols are available in the *3-D Life* Hydrogels User Guide, http://www.cellendes.com/pdfs/manual_hydrogel.pdf.

Catalog number: L50-1

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

Application: *3-D Life* PEG-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
	PEG-Link (20 mmol/l thiol groups)	200 μ l	-20°C

¹ Filter-sterilized.

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

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