Creative Enzymes®

DSPE-PEG2000-cRGD

Cat. No. DPCG-001

Lot. No. (See product label)

Introduction

Description	DSPE-PEG2000-cRGD is a phospholipid-PEG-peptide conjugate composed of DSPE, a PEG2000 segment, and a cyclic RGD peptide.
Applications	Suitable as an active targeting material and as a lipid component in targeted drug carrier and delivery system development.
Synonyms	cRGD-PEG2000-DSPE; DSPE-PEG2K-cRGD

Product Information

Appearance	White to off-white solid.
Form	Solid
Chemical Name	1,2-Distearoyl-sn-glycero-3-phosphoethanolamine-N-[poly(ethylene glycol)-2000]-c(RGDyk)
Molecular Weight	PEG molecular weight: 2,000 Da
Purity	≥95%
Structure	Phospholipid-PEG2000-cyclic RGD conjugate
Composition	DSPE; PEG2000; cyclic RGD peptide
Function	Provides an active-targeting lipid material for drug carrier formulations.

Storage and Shipping Information

Storage	-20°C, protected from light and moisture.
Stability	1 year
Shipping Conditions	Low-temperature shipping.