

DSPE-PEG1000-iRGD

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	DSPE-PEG1000-iRGD is a PEG compound made from DSPE and the $\alpha$ v-integrin-targeting peptide (iRGD). The iRGD peptide initially binds to $\alpha$ v-integrins and undergoes proteolytic cleavage within tumors to produce CRGDK/R, which interacts with neuropilin-1, thereby facilitating tumor targeting and penetration. DSPE-PEG1000-iRGD is useful for drug delivery applications.
Targets(IC50)	Integrin,Liposome

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