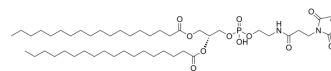


## DSPE-Mal

Cat. No.:	HY-W441007		
CAS No.:	1360858-99-6		
Molecular Formula:	$C_{48}H_{87}N_2O_{11}P$		
Molecular Weight:	899.18		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## BIOLOGICAL ACTIVITY

### Description

DSPE-MAL is a thiol reactive a phospholipid compound. DSPE-MAL has two saturated fatty acids and can self-assemble in water to form lipid bilayer. DSPE-MAL can be used to prepare liposomes as agent nanocarrier<sup>[1]</sup>.

## REFERENCES

[1]. Anu Puri, et al. HER2-specific affibody-conjugated thermosensitive liposomes (Affisomes) for improved delivery of anticancer agents. J Liposome Res. 2008;18(4):293-307.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA