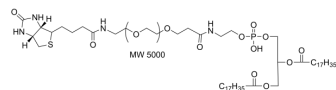


## Phospholipid-PEG-Biotin (MW 5000)

Cat. No.:	HY-147207C
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Phospholipid-PEG-Biotin (MW 5000) is a phospholipid PEG derivative, can be used for modify liposome and cells surface, and pancreatic islets for cell transplantation. Phospholipid is a class of lipid containing a hydrophilic “head” and two hydrophobic “tails”; PEG is a hydrophilic and water-soluble polymer with low toxicity; Biotin is an enzyme co-factor, can be used for labeling protein<sup>[1]</sup>.

### REFERENCES

[1]. Teramura Y, et al. Influence of molecular weight of PEG chain on interaction between streptavidin and biotin-PEG-conjugated phospholipids studied with QCM-D. Acta Biomater. 2016 Jan;30:135-143.

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

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