

## Product Information

### DMPE reagent, Dextran-PEG-dimyristoylphosphatidylethanolamine, 5 kDa, Purity $\geq 98\%$

**Cat. No.:** X25-04-YM766

**Size:** 100 mg; 250 mg; 500 mg; 1 g; 5 g

**Synonym:** DMPE-PEG-dextran

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	A 5 kDa PEG linker in DMPE-PEG-dextran (dextran-PEG-DMPE) improves pharmacokinetics without compromising membrane integration.
<b>Molecular Weight</b>	PEG: 5 kDa
<b>Glycan Name</b>	Dextran
<b>Functional Group</b>	DMPE
<b>Form</b>	Solid or viscous liquid
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	No visible impurities to the naked eye.
<b>Solubility</b>	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
<b>Stability</b>	It is stable under its storage temperature.
<b>Quality Level</b>	Research level
<b>Applications</b>	Dextran-PEG-dimyristoylphosphatidylethanolamine can be used to engineer hypoxia-activated systems using azobenzene-based molecular switches.
<b>Storage</b>	Store at $-20^{\circ}\text{C}$ , protect from light and moisture.