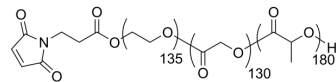


## PLGA-PEG-MAL (20kDA-5.0kDA, LA:GA ratio 40:60)

<b>Cat. No.:</b>	HY-148775B		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

PLGA-PEG-MAL (20kDA-5.0kDA, LA:GA ratio 40:60) is a kind of poly(lactide-co-glycolide)-block-poly(ethylene glycol) (PLGA-PEG-Mal) nanoparticles. PLGA-PEG-MAL (20kDA-5.0kDA, LA:GA ratio 40:60) has a molecular weight of 60kDA to 3.4kDA and contains a 75:25 ratio of lactic acid (LA) to glycolic acid (GA) molecules<sup>[1][2]</sup>.

### REFERENCES

- [1]. Kaldybekov DB, et al. Maleimide-functionalised PLGA-PEG nanoparticles as mucoadhesive carriers for intravesical drug delivery. *Eur J Pharm Biopharm.* 2019 Oct;143:24-34.
- [2]. Zhou S, et al. Synthesis and characterization of biodegradable low molecular weight aliphatic polyesters and their use in protein-delivery systems[J]. *Journal of applied polymer science*, 2004, 91(3): 1848-1856.

**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