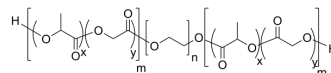


PLGA-PEG-PLGA (1500-1500-1500) (LA/GA 1:1)

Cat. No.:	HY-156829
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PLGA-PEG-PLGA (1500-1500-1500) (LA/GA 1:1) is a matrix materia, with lactic acid (LA)∕glycolic acid (GA) = 1:1, that acts as anti-cancer drug delivery. PLGA-PEG-PLGA (1500-1500-1500) (LA/GA 1:1) can improve a drug's bioavailability, efficacy, water solubility, drug encapsulation efficiency, sustained drug release, and to minimize undesirable toxicity^[1].

REFERENCES

- [1]. Xiufen Chen, et al. PLGA-PEG-PLGA triblock copolymeric micelles as oral drug delivery system: In vitro drug release and in vivo pharmacokinetics assessment. *J Colloid Interface Sci.* 2017 Mar 15;490:542-552.
- [2]. Yuan Gao, et al. A thermo-sensitive PLGA-PEG-PLGA hydrogel for sustained release of docetaxel. *J Drug Target.* 2011 Aug;19(7):516-27.

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

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