Data Sheet (Cat.No.T19521)

PLGA

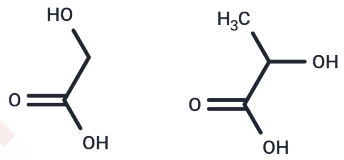
Chemical Properties

CAS No. : 34346-01-5

Formula: (C3H6O3.C2H4O3)x

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	PLGA (poly(lactic-co-glycolic acid)) is be used to fabricate devices for drug delivery and tissue engineering applications.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 104.00 mg/mL,Sonication is recommended. H2O: 0.10 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.30 mg/mL,Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Reference

Makadia HK, et al. Poly Lactic-co-Glycolic Acid (PLGA) as Biodegradable Controlled Drug Delivery Carrier. Polymers (Basel). 2011 Sep 1;3(3):1377-1397.

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