

## PLGA

## Chemical Properties

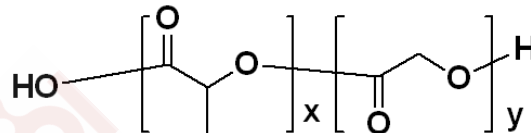
CAS No. : 34346-01-5

Formula: (C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>.C<sub>2</sub>H<sub>4</sub>O<sub>3</sub>)<sub>x</sub>

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## 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: 50 mg/mL (300.97 mM),Sonication is recommended.<br>H2O: 0.1 mg/mL,Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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