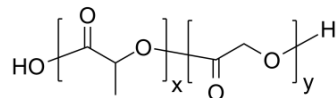


PLGA

Cat. No.:	HY-B2247		
CAS No.:	34346-01-5		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 75 mg/mL (Need ultrasonic) H ₂ O : < 0.1 mg/mL (insoluble)
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 3.75 mg/mL (Infinity mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 3.75 mg/mL (Infinity mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3.75 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description	PLGA is a copolymer of poly lactic acid (PLA) and poly glycolic acid (PGA) which can be used to fabricate devices for drug delivery and tissue engineering applications.
--------------------	--

CUSTOMER VALIDATION

- Cell Prolif. 2021 Jan;54(1):e12954.
- Biomed Pharmacother. 2020 Sep;129:110371.
- Mol Pharm. 2021 Jun 2.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. 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.

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

India Contact:
Life Technologies (India) Pvt. Ltd.
306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com