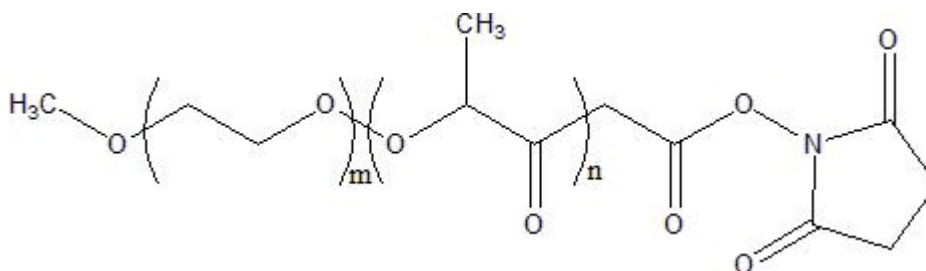


Certificate of Analysis

General properties:

Product Name: mPEG-PLA-NHS PLA: PLLA/PDLLA
 Molecular Weight: PEG MW:550/750/1000/2000/3400/5000/10000 Dalton
 PLA MW:1000/2000/5000/7000/10000/15000/20000/25000/30000/35000/40000 Dalton
 Catalog Number: R-PL1075
 Lot Number: RA01703251

Product Structure:



Product Specifications:

| Items | Specification | Results |
|----------------------------|---|---|
| Appearance | Off-white/brown solid or viscous liquid | Off-white/brown solid or viscous liquid |
| ¹ H NMR | Identical to the Structure | Identical to the Structure |
| PDI | <1.3 | <1.3 |
| Substitution of NHS by NMR | >90% | >90% |

Date of Analysis: 2017.08.26

Recommended Retest date: 2018.08.26

Recommended Storage: -20°C, protected from light and moisture

Stability: 1 years

This product is for research use only, Not for human or animal use