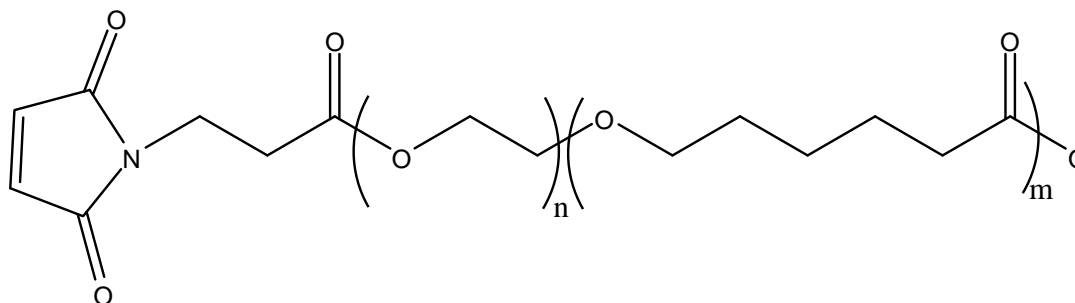


Certificate of Analysis

General properties:

Name: PCL2000-PEG2000-MAL
Molecular Weight: 4100 Dalton
Cat.#: R-PL1105-4k
Lot.#: RP01631084
Date of Analysis: 2016.08.31
Recommended Retest date: 2017.08.31
Stability: 12 months
Storage: -20°C in the dark

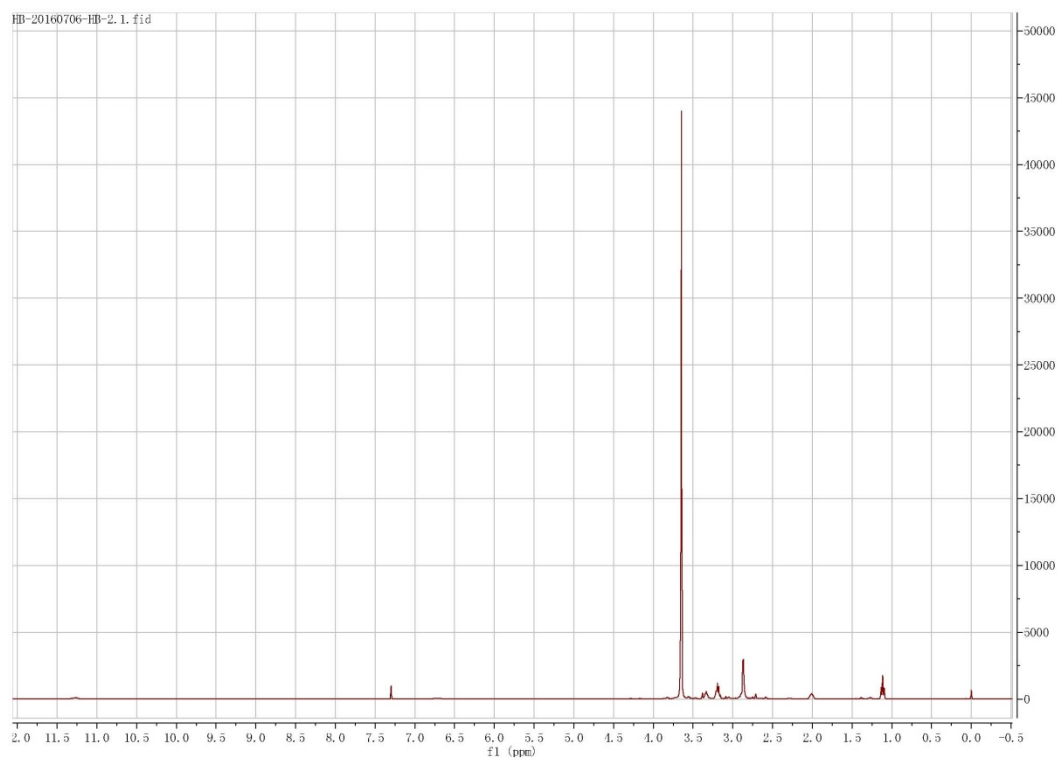
Structure



Mal-PEG2k-PCL2k

Items	Specification	Results
Appearance	White/ Off-white solid	Off-white solid
¹ H NMR	Identical to the structure	Identical to the structure
Foreign Material	None	None
Substitution	>90%	>92%
PDI		<1.3

Report Date: 2016.08.31



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