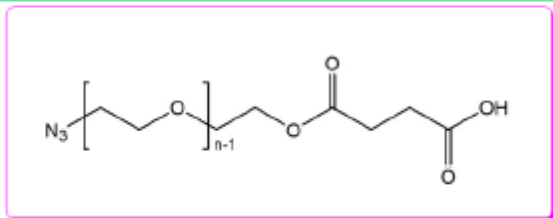


No. AE023

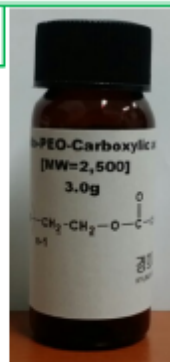
Certificate of Analysis

Product Name: Azide-Poly(ethylene glycole)-carboxylic acid (2500 Da) (Lot# 60112JAK-C)

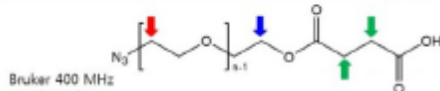
K-Azido-PEO-Carboxylic acid-2.5K : N₃-PEO-COOH



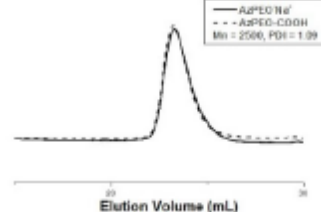
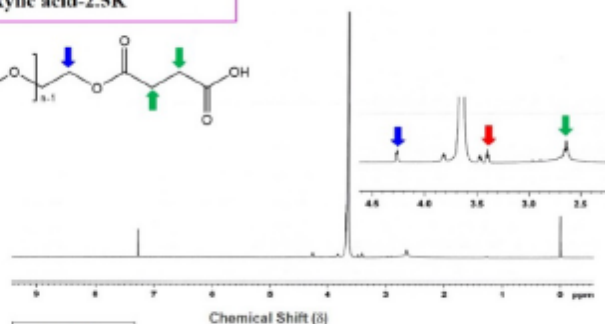
$M_n = 2,500$ g/mol



K-Azido-PEO-Carboxylic acid-2.5K



Bruker 400 MHz spectrometer (Model Avance 400 (400 MHz))
in CDCl₃



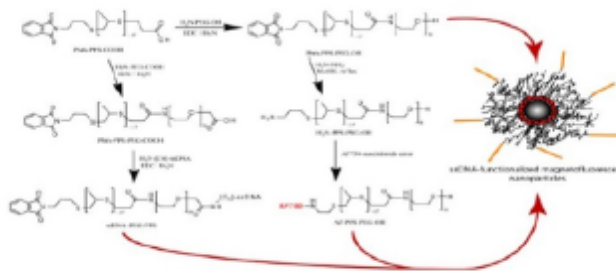
SEC Analysis: SEC analyses were performed at a flow rate of 1 mL/min in THF at 30°C using the Water 515 HPLC component system with four ultra-μ-Styragel® columns (10⁵, 10⁴, 10³, and 500Å) equipped with a Water 2410 Refractive Index Detection system

Applications of K-Azido-PEO-Carboxylic acid-2.5K

1. Click chemistry



2. DNA-Modification : Carboxylic acid functional group



Material provided for research use only. Not for human use.