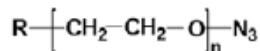


No. AE017 Certificate of Analysis

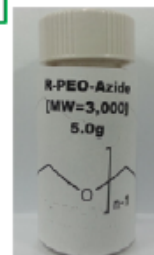
Product Name: Butoxy-Poly(ethylene glycol)-Azide (3000Da) (Lot#: 50924JAK)

K-R-PEO-N₃-3K : R-PEO-Azide



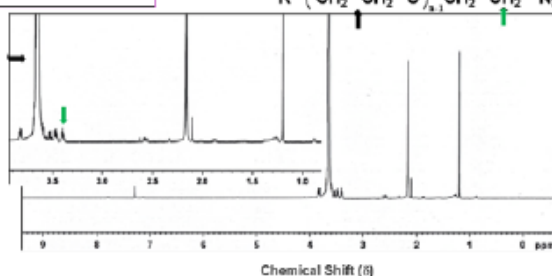
R = *n*-Bu or *t*-BuO

$M_n = 3,000 \text{ g/mol}$

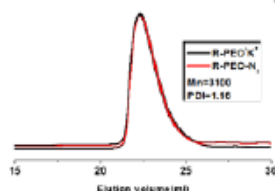


K-R-PEO-N₃-3K

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

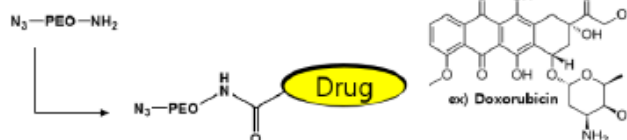


SEC Analysis: SEC analyses were performed at a flow rate of 1 mL/min in THF at 30°C using the Water 515 HPLC component system with four ultra-μ-Styragel® columns (10⁵, 10⁴, 10³, and 500Å) equipped with a Water 2410 Refractive Index Detection system

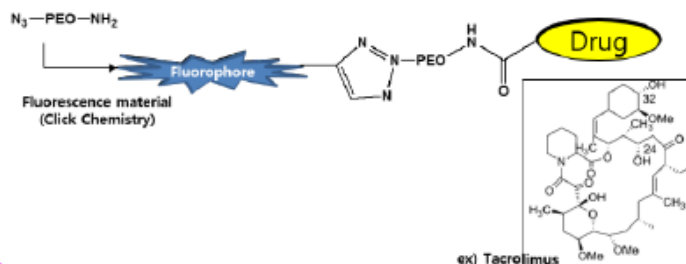


Applications of K-R-PEO-N₃-3K

1. Drug-Conjugate : amine functional group



2. Fluorescence material-Conjugate : azide functional group



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