

# Certificate of Analysis

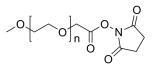
## m-PEG-NHS ester (MW 40000)

Cat. No.:	HY-157745
CAS No.:	92451-01-9
Batch No.:	372695
Chemical Name:	$Poly(oxy-1,2-ethanediyl), \alpha-[2-[(2,5-dioxo-1-pyrrolidinyl)oxy]-2-oxoethyl]-\omega-methoxy-1-pyrrolidinyl) = 0$

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>7</sub> H <sub>9</sub> NO <sub>5</sub>
Molecular Weight:	40000 (Average)
Storage:	-20°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 



#### **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898

8 Fax

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com