

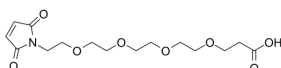
## Mal-PEG4-acid

Cat. No.: HY-126961  
CAS No.: 518044-41-2  
Batch No.: 101560  
Chemical Name: 4,7,10,13-Tetraoxapentadecanoic acid, 15-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>23</sub>NO<sub>8</sub>  
Molecular Weight: 345.35  
Storage: -20°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous liquid)  
<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

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA