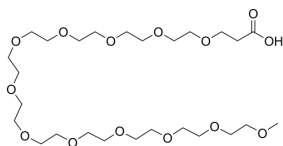


## Certificate of Analysis

**Product Name:** m-PEG12-acid  
**Cat. No.:** CS-0114277  
**CAS No.:** 2135793-73-4  
**Batch No.:** L790740  
**Chemical Name:** 4,7,10,13,16,19,22,25,28,31,34,37-Dodecaoxaoctatriacontanoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>26</sub>H<sub>52</sub>O<sub>14</sub>  
**Molecular Weight:** 588.68  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Colorless to off-white (Solid-Liquid Mixture)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**MS:** 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.**

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