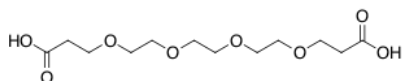


PEG3-dicarboxylic acid

<http://www.lumiprobe.com/p/peg3-dicarboxylic-acid-31127-85-2>

PEG3-dicarboxylic acid is a homobifunctional linker with two carboxylic acid groups flanking the PEG3 molecule.

The linker is highly hydrophilic and useful for conjugating and immobilizing proteins, peptides, and other biomolecules. The carboxy groups can be activated by carbodiimides.



Structure of PEG3 dicarboxylic acid

General properties

Molecular weight: 294.3

CAS number: 31127-85-2

Molecular formula: C₁₂H₂₂O₈

IUPAC name: 3-[2-[2-[2-(2-carboxyethoxy)ethoxy]ethoxy]ethoxy]propanoic acid, 4,7,10,13-tetraoxahexadecanedioic acid

Solubility: good in water and polar organic solvents

Quality control: NMR ¹H

Storage conditions: Storage: 24 months after receipt at -20°C. Transportation: at room temperature for up to 3 weeks. Desiccate.