

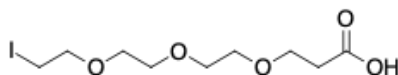
Iodo-PEG3-carboxylic acid

<http://www.lumiprobe.com/p/i-peg3-carboxylic-acid>

A molecule containing carboxylic acid (COOH) group and alkyl iodide functional group.

Alkyl iodides are powerful alkylators. They react with a variety of nucleophiles, very active against thiol groups, amines, alcoholates, and phenolates.

This molecule allows performing a variety of conjugations via a flexible and hydrophilic PEG3 linker.



Structure of iodo-PEG3-carboxylic acid

General properties

Appearance: white to light brown oil

Molecular weight: 332.13

Molecular formula: C₉H₁₇IO₅

Solubility: good in water, polar organic solvents

Quality control: NMR ¹H, HPLC-MS (95%)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.