

## 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:	$C_9H_{17}IO_5$
Solubility:	good in water, polar organic solvents
Quality control:	NMR <sup>1</sup> H, HPLC-MS (95%)
Storage conditions	Storage: 24 months after receival at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
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