

## Iodo-PEG3-iodide

<http://www.lumiprobe.com/p/iodo-peg3-iodide>

PEG3 diiodide is a homobifunctional linker with two iodide functional groups which are very reactive against many nucleophiles like thiols, amines, alkoxy anions, etc. Can be used to synthesize hydrophilic symmetrical conjugates.

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### General properties

Appearance: yellow-brown oil

Molecular weight: 369.97

CAS number: 36839-55-1

Molecular formula:  $C_6H_{12}I_2O_2$

IUPAC name: 1,2-bis(2-iodoethoxy)ethane

Solubility: soluble in water, polar organic solvents

Quality control: NMR  $^1H$ , GC-MS (95%)

Storage conditions: Storage: 24 months after receipt at  $-20^{\circ}C$  in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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