

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.

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.