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## Azide-PEG3-iodide

<http://cn.lumiprobe.com/p/iodo-peg3-azide>

Azide-PEG3-iodide contains a highly reactive iodide functional group that can alkylate a variety of C-, O-, N-, S-centered, and other nucleophiles.

Organic iodides are roughly an order of magnitude more active than bromides and four orders of magnitude more active than chlorides in S<sub>N</sub>2 reactions. This means that the same alkylation will take 10x less time with iodide than with bromide. Therefore, this molecule helps to effect very fast alkylation.

PEG3 is a moderately long hydrophilic linker. The azide group participates in click chemistry reactions. It is also easily reduced to an amine group.

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外观:

分子 285.08

量:

CAS 1309457-01-9

编号:

分子 C<sub>6</sub>H<sub>12</sub>N<sub>3</sub>IO<sub>2</sub>

式:

IUPAC 1-(2-azidoethoxy)-2-(2-iodoethoxy)ethane

名称:

溶解

度:

质量

控制:

储存

条件:

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