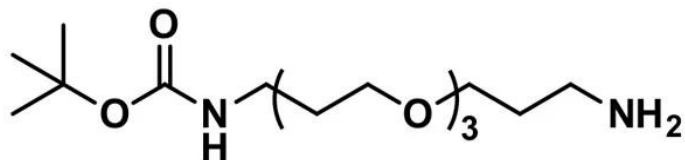


## T-BOC-N-AMIDO-DPEG®<sub>3</sub>-AMINE

**SKU:** QBD-10225



t-boc-N-amido-dPEG<sub>3</sub>-amine, product number QBD-10225, is a monoprotected, diamine-functionalized, homobifunctional crosslinking PEGylation reagent containing a short, single molecular weight PEG linker. One of the two primary carboxylate-reactive groups is protected as a tert-butyl carbamate. Both ends of the molecule react with carboxylic acids, aldehydes, and ketones. Carboxylic acids react with this product to form amide bonds, while reactions with aldehydes and ketones form Schiff bases that are reducible to secondary amines. The monoprotected end of the molecule gives the user tighter control over crosslinking.

### Specifications

<b>Unit Size</b>	1000 mg
<b>Molecular Weight</b>	320.42; single compound
<b>Chemical formula</b>	C <sub>15</sub> H <sub>32</sub> N <sub>2</sub> O <sub>5</sub>
<b>CAS</b>	194920-62-2
<b>Purity</b>	> 98%
<b>Spacers</b>	dPEG® Spacer is 15 atoms and 16.9 Å
<b>Shipping</b>	Ambient
<b>Typical solubility properties (for additional information contact Customer Support)</b>	Methylene chloride, Acetonitrile, DMAC or DMSO.

**For research use only. Not intended for animal or human therapeutic or diagnostic use.**

**Storage and handling**

-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should be treated as such. This will be less noticeable with liquids, but the solids will become tacky and difficult to manipulate, if care is not taken to minimize air exposure.

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