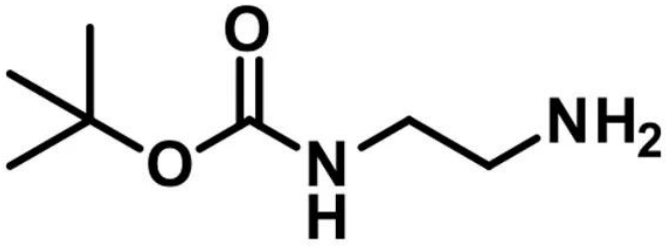
www.vectorlabs.com
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# T-BOC-N-EDA

**SKU:** QBD-10226




## DESCRIPTION

t-boc-N-EDA, product number QBD-10226, CAS number 57260-73-8, is the boc-protected form of ethylenediamine. It is not a dPEG® product. However, it can be useful in bioconjugation reactions where an exceptionally short, monoprotected, homobifunctional crosslinker is needed. The free primary amine reacts with activated esters of carboxylic acids (for example, the N-hydroxysuccinimidyl ester, also known as NHS) to form amide bonds. Treatment of the resulting conjugate with acid (for example, TFA) removes the boc protecting group from the protected amine, leaving a primary amine that is free to react.

## SPECIFICATIONS

| | |
|---|---|
| **CAS Number** | 57260-73-8 |
| **Molecular Weight** | 160.21; single compound |
| **Chemical Formula** | $C_{15}H_{32}N_2O_5$ |
| **Purity** | > 98% |
| **Unit Size** | 1000 mg |
| **Solubility** | Methylene chloride, DMAC or DMSO. |
| **Spacers** | dPEG® Spacer is 4 atoms and 3.8 Å |

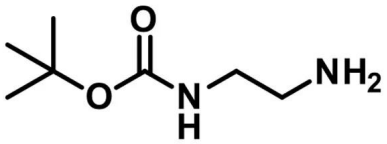
**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**

| | |
|---|---|
| **Storage Instructions** | -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. |
| **Shipping Instructions** | Ambient |

## DOCUMENTS

- Safety Data Sheet
- Datasheet

## GALLERY IMAGES




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