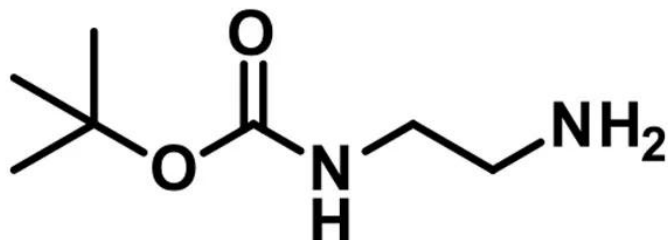


T-BOC-N-EDA

SKU: QBD-10226



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

Unit Size	1000 mg
Molecular Weight	160.21; single compound
Chemical formula	C ₁₅ H ₃₂ N ₂ O ₅
CAS	57260-73-8
Purity	> 98%
Spacers	dPEG® Spacer is 4 atoms and 3.8 Å
Shipping	Ambient
Typical solubility properties (for additional information contact Customer Support)	Methylene chloride, 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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