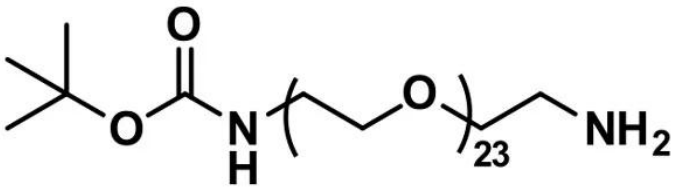
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T-BOC-N-AMIDO-DPEG®23-AMINE

SKU: QBD-10093



DESCRIPTION

t-boc-N-amido-dPEG®23-amine, product number QBD-10093, is a monoprotected, homobifunctional, discrete PEG (dPEG®) crosslinker. The amine groups react with carboxylic acids, active esters (e.g., NHS, TFP, PFP) of carboxylic acids, aldehydes, and ketones. The tert-butyl carbamate (t-boc) protecting group is removed quickly and easily under mild conditions. The dPEG® linker provides flexibility and water solubility to conjugate molecules. Examples of uses for this product include graphene quantum dot engineering, antibody and enzyme immobilization, development of biomolecular sensors, and construction of supramolecular assemblies.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1173.42; single compund
Chemical Formula	$C_{53}H_{108}N_2O_{25}$
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, Acetonitrile, DMAC, DMSO or water.
Spacers	dPEG® Spacer is 72 atoms and 86.8 Å

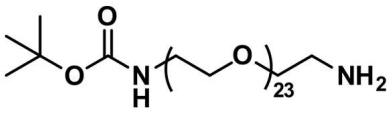
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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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