

dPEG®12-diol, product number QBD-10261, is a homobifunctional, monodispersed (single molecular weight and chain length) PEG diol that is useful for creating new PEG products. Both ends terminate with hydroxy groups. The primary use of this product is as a building block for other products. An unlimited number of functional or protecting groups can modify the termini of dPEG®12-diol. Moreover, dPEG®12-diol can function as a crosslinker by reacting the terminal alcohols with active carboxylic acid esters or isothiocyanates. Conjugates containing PEG have increased hydrodynamic volume and hydrophilicity.

CAS Number	25322-68-3
Molecular Weight	546.65; single compound
Chemical Formula	C ₂₄ H ₅₀ O ₁₃
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, Acetonitrile, DMAC, DMSO or water.
Spacers	dPEG® Spacer is 37 atoms and 42.8 Å

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



Storage Instructions

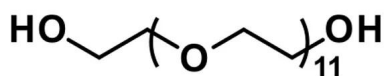
-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should 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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