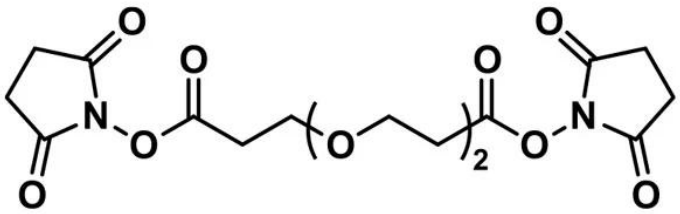
www.vectorlabs.com
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Telephone: (650) 697-3600

BIS-DPEG®₂-NHS ESTER

SKU: QBD-10724



DESCRIPTION

Bis-dPEG®2-NHS ester, product number QBD-10724, is a homobifunctional, amine-reactive, crosslinking reagent. Each end of the short (10 atoms, 11.0 Å), single molecular weight, discrete PEG (dPEG®) linker is functionalized as the N-hydroxysuccinimidyl (NHS) ester of a propionic acid group. The optimal pH range for reacting the end groups is 7.0 – 7.5. The product is soluble in water and many organic solvents; however, in water, it hydrolyzes rapidly. Therefore, we advise against storing aqueous stock solutions of this product. Rather, unused material in aqueous media should be discarded promptly.

SPECIFICATIONS

CAS Number	65869-63-8
Molecular Weight	400.34; single compound
Chemical Formula	$C_{16}H_{20}N_2O_{10}$
Purity	> 98%
Unit Size	100mg, 1000mg
Solubility	Methylene chloride, Acetonitrile, DMAC or DMSO.
Spacers	dPEG® Spacer is 10 atoms and 11.0 Å

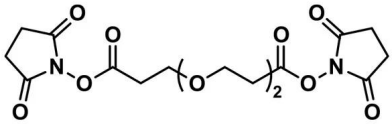
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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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