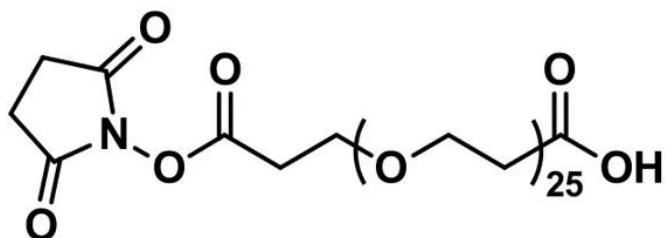




ACID-DPEG®₂₅-NHS ESTER

SKU: QBD-10140



DESCRIPTION

Acid-dPEG®₂₅-NHS ester, product number QBD-10140, is an amine-reactive crosslinker that is designed to facilitate intermolecular crosslinking with free amines at each end of the crosslinker through a single molecular weight, discrete polyethylene glycol (dPEG®) backbone. Because one end of the chain terminates in a propionic acid group while the other end terminates as the N-hydroxysuccinimidyl (NHS) ester of propionic acid, this product can effectively overcome the problems typically afflicting homobifunctional crosslinkers. Moreover, the carboxylic acid end can remain unmodified, allowing the carboxylic acid to be used as a charge modifier in supramolecular and bioconjugate construction. Furthermore, the non-immunogenic amphiphilic dPEG® backbone imparts water solubility to conjugate molecules, which can improve the performance of conjugates.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1316.47; single compound
Chemical Formula	C ₅₈ H ₁₀₉ NO ₃₁
Purity	> 97%
Unit Size	100 mg, 1000 mg
Solubility	Methylene Chloride, Acetonitrile, DMF, DMSO or DMAC.

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



Spacers

dPEG® Spacer is 79 atoms and 92.5 Å

Storage Instructions

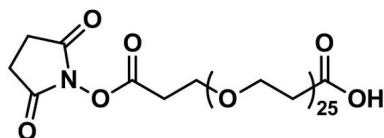
-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should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