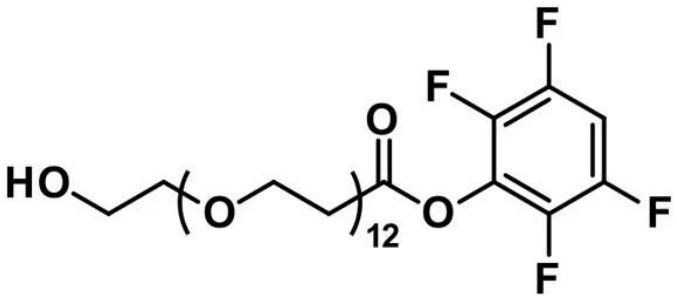
www.vectorlabs.com
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HYDROXY-DPEG®$_{12}$-TFP ESTER

SKU: QBD-11345



DESCRIPTION

Hydroxy-dPEG®12-TFP ester, product number QBD-11345, is a medium-length (40 atoms, 46.2 Å), hydroxy-terminated, single molecular weight, discrete polyethylene glycol (dPEG®) compound functionalized with a 2,3,5,6-tetrafluorophenyl (TFP) ester for conjugation to primary and secondary amines. This product can be used for modification of amine-functionalized surfaces (e.g., silica, glass), modification of proteins and peptides at accessible amine sites on the molecules, the construction of discrete PEG dendrimers, and many other applications. The free hydroxy end of the dPEG® spacer can be functionalized for further reactions or left unmodified to increase hydrophilicity or modify the charge of conjugate molecules and surfaces.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	766.77; single compound
Chemical Formula	$C_{33}H_{54}F_4O_{15}$
Purity	> 97%
Unit Size	100 mg, 1000 mg
Solubility	DCM, Methanol, Ethanol, Acetonitrile, Water, Ethyle Acetate, or Acetone.

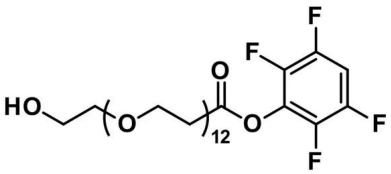
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Spacers	dPEG® Spacer is 40 atoms and 46.2 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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