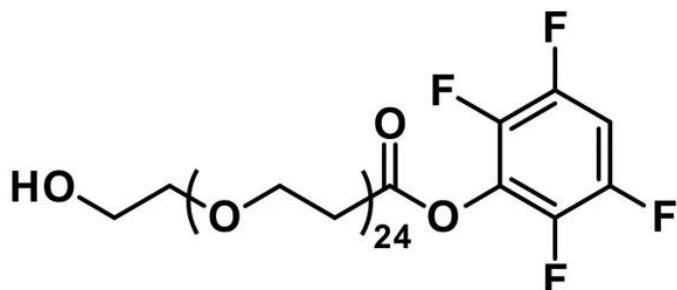


HYDROXY-DPEG®₂₄-TFP ESTER

SKU: QBD-11349



Hydroxy-dPEG®₂₄-TFP ester, product number QBD-11349, is a long (76 atoms, 88.8 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

Unit Size	100 mg, 1000 mg
Molecular Weight	1295.40; single compound
Chemical formula	C ₅₇ H ₁₀₂ F ₄ O ₂₇
CAS	N/A
Purity	> 97%
Spacers	dPEG® Spacer is 76 atoms and 88.8 Å
Shipping	Ambient
Typical solubility properties (for additional information contact Customer Support)	DCM, Methanol, Ethanol, Acetonitrile, Water, Ethyle Acetate, or Acetone.

For research use only. Not intended for animal or human therapeutic or diagnostic use.

Storage and handling

-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.

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