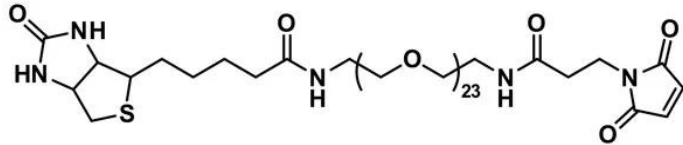




BIOTIN-DPEG®₂₃-MAL

SKU: QBD-10785



DESCRIPTION

Biotin-dPEG®₂₃-MAL, product number QBD-10785, is a thiol-reactive biotinylation product built on a long (77 atoms), single molecular weight, discrete PEG (dPEG®) spacer. The maleimide group is a useful, highly popular reactive group for conjugating to free thiol groups in biomolecules. Maleimide groups can be conjugated to free thiol groups in the pH range from 6.5 – 7.5, forming a stable thioether linkage. The dPEG® spacer in this product is highly hydrophilic and increases the conjugate's water solubility.

SPECIFICATIONS

CAS Number	1334172-60-9
Molecular Weight	1450.72; single compound
Chemical Formula	C ₆₅ H ₁₁₉ N ₅ O ₂₈ S
Purity	> 95%
Unit Size	25 mg, 100 mg, 1000 mg
Solubility	Methylene chloride, DMAC or DMSO.
Spacers	dPEG® Spacer is 77 atoms and 94.1 Å

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



Storage Instructions

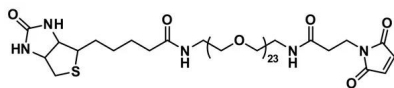
-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should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