



documented in the scientific literature. When using this product, it is typical to conjugate the carboxyl end of the dPEG® to an amine to form an amide bond before forming a dative bond between a metal surface and the lipoic acid moiety of Lipoamido-dPEG®8-TFP ester. The TFP ester reacts optimally at pH 7.5 – 8.0, but it will also react with amines at pH values above and below this range.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	777.88; single compound
Chemical Formula	C ₃₃ H ₅₁ F ₄ NO ₁₁ S ₂
Purity	> 98%
Unit Size	100mg, 1000mg
Solubility	Methylene Chloride, DMAC, DMF or Acetonitrile.
Spacers	dPEG® Spacer is 36 atoms and 42.7 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

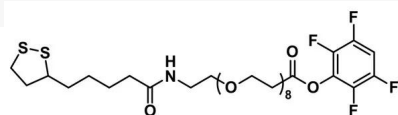
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[Lipoamido-dPEG₈-TFP ester](https://vectorlabs.com/products/lipoamido-dpeg8-tfp-ester/)

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