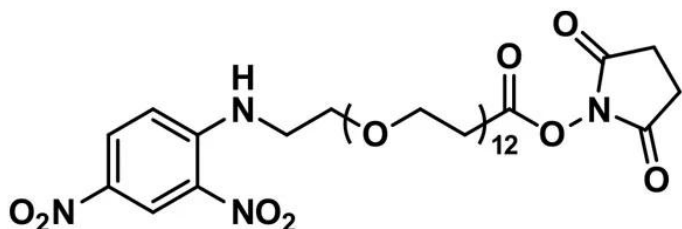




Email: customerservice@vectorlabs.com

Telephone: [\(650\) 697-3600](tel:6506973600)

SKU: OBD-10399



DNP-dPEG®12-NHS ester, product number QBD-10399, is a medium-length (40 atoms), single molecular weight, discrete polyethylene glycol (dPEG®) linker functionalized on one end with the fluorescent hapten 2,4-dinitrophenol and the N-hydroxysuccinimidyl (NHS) ester of propionic acid on the other end. The NHS ester reacts with free amines to form stable amide bonds. The DNP end of the molecule may be used as a hapten in the development of vaccines or immunotherapeutic applications.

SPECIFICATIONS

CAS Number	1334178-01-6
Molecular Weight	880.89; single compound
Chemical Formula	C ₃₇ H ₆₀ N ₄ O ₂₀
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, Acetonitrile, DMAC, DMSO or water.
Spacers	dPEG® Spacer is 40 atoms and 46.4 Å

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

DNP-dPEG®₁₂-NHS ester

<https://vectorlabs.com/products/dnp-dpeg12-nhs-ester/>



-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

- [Safety Data Sheet](#)
- [Datasheet](#)

O=[N+]([O-])c1ccc(NCCOCCOC(=O)OC2C(=O)NCC2=O)cc1[N+](=O)[O-]

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