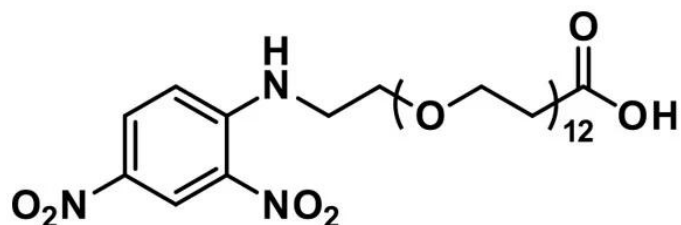


DNP-DPEG®₁₂-ACID

SKU: QBD-10398



DNP-dPEG₁₂-acid, product number QBD-10398, 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 propionic acid on the other end. The propionic acid reacts with free amines after activation with a carbodiimide to form stable amide bonds. The DNP end of the molecule functions as a hapten for use in development for vaccines or immunotherapeutic applications.

Specifications

Unit Size	100 mg, 1000 mg
Molecular Weight	783.82; single compound
Chemical formula	C ₃₃ H ₅₇ N ₃ O ₁₈
CAS	1334178-00-5
Purity	> 98%
Spacers	dPEG _® Spacer is 40 atoms and 50 Å
Shipping	Ambient
Typical solubility properties (for additional information contact Customer Support)	Methylene chloride, Acetontrile, DMAC, DMSO.

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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