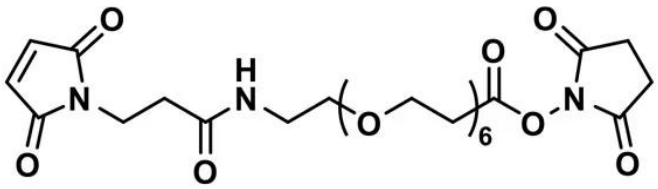
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

MAL-DPEG®$_6$-NHS ESTER

SKU: QBD-10064



DESCRIPTION

MAL-dPEG®6-NHS ester, product number QBD-10064, is a crosslinking reagent that joins a sulfhydryl to a free amine across a hydrophilic bridge. The sulfhydryl groups react with a maleimide group via a Michael addition reaction. The amines form amide bonds with the crosslinker by nucleophilic substitution of the N-hydroxysuccinimidyl (NHS) ester of a carboxylic acid group. The maleimide and NHS functional groups on the crosslinking compound sit at either end of a short, discrete-length polyethylene glycol chain (dPEG®).

SPECIFICATIONS

CAS Number	1137109-21-7
Molecular Weight	601.60; single compound
Chemical Formula	$C_{26}H_{39}N_3O_{13}$
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, Acetonitrile, DMAC or DMSO.
Spacers	dPEG® Spacer is 28 atoms and 31.7 Å

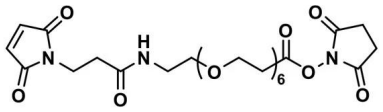
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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



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