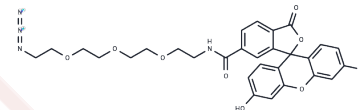


6-FAM-PEG3-Azide

Chemical Properties

CAS No. :	412319-45-0
Formula:	C ₂₉ H ₂₈ N ₄ O ₉
Molecular Weight:	576.55
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	6-FAM-PEG3-Azide is a fluorescent dye for labeling oligonucleotides, whose azide group undergoes click chemistry reactions with molecules containing alkyne, DBCO, or BCN groups.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 40 mg/mL (69.38 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7345 mL	8.6723 mL	17.3445 mL
5 mM	0.3469 mL	1.7345 mL	3.4689 mL
10 mM	0.1734 mL	0.8672 mL	1.7345 mL
50 mM	0.0347 mL	0.1734 mL	0.3469 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Aaron Siewert, et al. Nucleotide analogs as rigid spin labels for DNA and RNA. 2021.

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