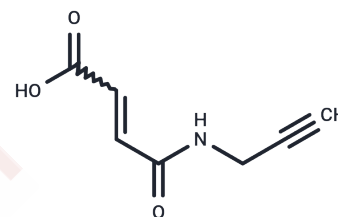


FA-alkyne

Chemical Properties

CAS No. :	671188-20-8
Formula:	C ₇ H ₇ NO ₃
Molecular Weight:	153.14
Storage:	Store at low temperature 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	FA-alkyne (FA alkyne) is a fluorescein that is a competitive probe for natural S-succinylation in FH ^{-/-} and FH ^{+/+} cells and can be used to synthesize nanophotosensors.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.530 mL	32.6499 mL	65.2997 mL
5 mM	1.306 mL	6.530 mL	13.0599 mL
10 mM	0.653 mL	3.265 mL	6.530 mL
50 mM	0.1306 mL	0.653 mL	1.306 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

Kulkarni RA, et al. A chemoproteomic portrait of the oncometabolite fumarate. Nat Chem Biol. 2019 Apr;15(4):391-400.

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