

DiaAlk

Chemical Properties

CAS No. :	2255307-83-4
Formula:	C14H22N2O5
Molecular Weight:	298.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

Biological Description

Description	DiaAlk is a novel clickable electrophilic diazene probe enabling capture of oxidative post-translational modifications (OxiPTMs) and site-centric proteomics analysis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3519 mL	16.7594 mL	33.5188 mL
5 mM	0.6704 mL	3.3519 mL	6.7038 mL
10 mM	0.3352 mL	1.6759 mL	3.3519 mL
50 mM	0.067 mL	0.3352 mL	0.6704 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

Akter S, et al. Chemical proteomics reveals new targets of cysteine sulfinic acid reductase. Nat Chem Biol. 2018 Nov;14(11):995-1004.

Doerr, A. Finding S-sulfinylated proteins. Nat Methods 15, 859 (2018).

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