

HIPS probe-1

Chemical Properties

CAS No. :	2490429-83-7
Formula:	C13H15N3
Molecular Weight:	213.28
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	HIPS probe-1 (Compound 1) is a click chemistry reagent containing an alkyne group. It undergoes copper-catalyzed azide-alkyne cycloaddition (CuAAC) with azide-containing molecules. Serving as a chemical probe, HIPS probe-1 specifically identifies and labels aldehyde functional groups in DNA, particularly at abasic sites (AP sites), for DNA damage research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6887 mL	23.4434 mL	46.8867 mL
5 mM	0.9377 mL	4.6887 mL	9.3773 mL
10 mM	0.4689 mL	2.3443 mL	4.6887 mL
50 mM	0.0938 mL	0.4689 mL	0.9377 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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