

PNE-Lyso

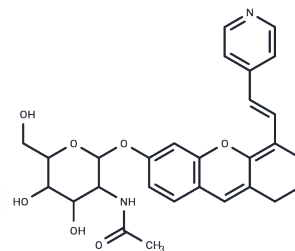
Chemical Properties

CAS No. :

Formula: C₂₈H₃₀N₂O₇

Molecular Weight: 506.56

Storage: Keep away from direct sunlight
 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	PNE-Lyso is an activatable fluorescent probe capable of detecting intracellular pH and hexosaminidases via dual fluorescence signals. It distinguishes apoptosis from necrosis by visualizing lysosomal morphology and facilitates the investigation of agent-induced cell death processes [1].
Targets(IC50)	Others
In vitro	PNE-Lyso demonstrates a pronounced (UV-vis) absorption peak at 420 nm when in an alkaline solution [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9741 mL	9.8705 mL	19.741 mL
5 mM	0.3948 mL	1.9741 mL	3.9482 mL
10 mM	0.1974 mL	0.987 mL	1.9741 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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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