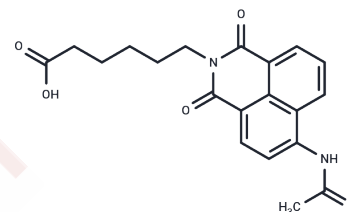


## 6-(4-Acetamido-1,8-naphthalamido)hexanoic acid

## Chemical Properties

CAS No. :	172227-59-7
Formula:	C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	368.38
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	6-(4-Acetamido-1,8-naphthalamido)hexanoic acid is a versatile dye utilized across various domains. Employed extensively in biological experiments, this dye serves to analyze and monitor cell structures, differentiate cell types, and assess cellular functions. It aids in the detection of biomolecules, facilitates tissue pathology studies, and tracks microorganisms. Beyond basic research, its applications extend to clinical diagnostics and other fields including textile dyeing, functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7146 mL	13.5729 mL	27.1459 mL
5 mM	0.5429 mL	2.7146 mL	5.4292 mL
10 mM	0.2715 mL	1.3573 mL	2.7146 mL
50 mM	0.0543 mL	0.2715 mL	0.5429 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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