

Bio-Ben

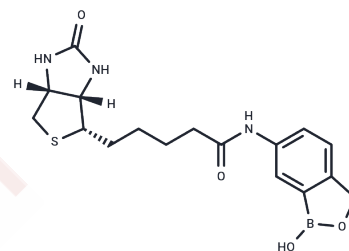
Chemical Properties

CAS No. :

Formula: C17H22BN3O4S

Molecular Weight: 375.20

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	Bio-ben functions as a sulfenic acid probe, utilized for labeling both free sulfenic acid and cysteine sulfenic acid within proteins and peptides.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 5 mg/mL (13.33 mM),Sonication is recommended. DMF: 5 mg/mL (13.33 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6652 mL	13.3262 mL	26.6525 mL
5 mM	0.533 mL	2.6652 mL	5.3305 mL
10 mM	0.2665 mL	1.3326 mL	2.6652 mL
50 mM	0.0533 mL	0.2665 mL	0.533 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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