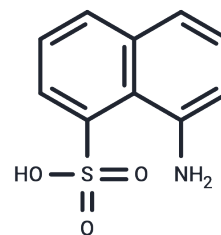


8-Amino-1-Naphthalenesulfonic Acid

Chemical Properties

CAS No. : 82-75-7
Formula: C₁₀H₉NO₃S
Molecular Weight: 223.25
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	8-Amino-1-Naphthalenesulfonic Acid is a naphthalene derivative used as a fluorescent dye and as a reagent in organic synthesis. It is a highly fluorescent compound with a high Stokes shift, making it an ideal fluorescent marker for a wide range of biological systems.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 2.23 mg/mL (9.99 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4793 mL	22.3964 mL	44.7928 mL
5 mM	0.8959 mL	4.4793 mL	8.9586 mL
10 mM	0.4479 mL	2.2396 mL	4.4793 mL
50 mM	0.0896 mL	0.4479 mL	0.8959 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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