

Thioluciferin

Chemical Properties

CAS No. :

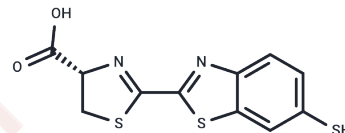
Formula: C₁₁H₈N₂O₂S₃

Molecular Weight: 296.39

Keep away from direct sunlight

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	Thioluciferin is a synthetic compound modeled after firefly luciferin, primarily utilized in bioluminescent reporter systems to monitor oxidation states and thiol/disulfide balance.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3739 mL	16.8697 mL	33.7393 mL
5 mM	0.6748 mL	3.3739 mL	6.7479 mL
10 mM	0.3374 mL	1.687 mL	3.3739 mL
50 mM	0.0675 mL	0.3374 mL	0.6748 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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