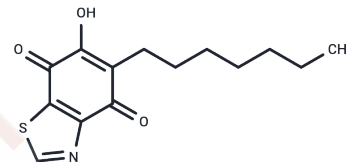


5-n-Heptyl-6-hydroxy-4,7-dioxobenzothiazole

Chemical Properties

CAS No. : 611207-02-4
 Formula: C₁₄H₁₇NO₃S
 Molecular Weight: 279.36
 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	5-n-Heptyl-6-hydroxy-4,7-dioxobenzothiazole acts as a competitive inhibitor at the Qo site of the cytochrome bc1 complex (cytochrome c oxidoreductase) in <i>Saccharomyces cerevisiae</i> [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5796 mL	17.8981 mL	35.7961 mL
5 mM	0.7159 mL	3.5796 mL	7.1592 mL
10 mM	0.358 mL	1.7898 mL	3.5796 mL
50 mM	0.0716 mL	0.358 mL	0.7159 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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