Data Sheet (Cat.No.T0577)

TargetMol

Chlorobenzothiazolinone

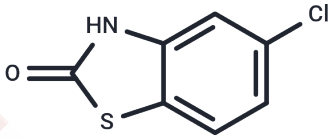
Chemical Properties

CAS No. : 20600-44-6

Formula: C7H4ClNOS

Molecular Weight: 185.63

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	Chlorobenzothiazolinone inhibits recombinant human chymase using bis(succinoyl-L-alanyl-L-prolyl-L-phenylalanylamide) as substrate after 1 hr by fluorescence assay with activity value of 90 μM.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 11 mg/mL (59.26 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3871 mL	26.9353 mL	53.8706 mL
5 mM	1.0774 mL	5.3871 mL	10.7741 mL
10 mM	0.5387 mL	2.6935 mL	5.3871 mL
50 mM	0.1077 mL	0.5387 mL	1.0774 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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