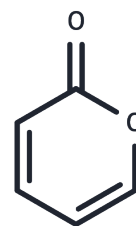


Alpha-Pyrone

Chemical Properties

CAS No. :	504-31-4
Formula:	C5H4O2
Molecular Weight:	96.08
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	Alpha-Pyrone exhibits inhibitory activity against tyrosinase, carbonic anhydrase 1, and carbonic anhydrase 9 and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Carbonic Anhydrase, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.408 mL	52.040 mL	104.0799 mL
5 mM	2.0816 mL	10.408 mL	20.816 mL
10 mM	1.0408 mL	5.204 mL	10.408 mL
50 mM	0.2082 mL	1.0408 mL	2.0816 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.

Reference

He Q, et al. Cytotoxic α -pyrone derivatives from *Cryptocarya yunnanensis*. Nat Prod Res. 2022 Feb;36(4):918-924.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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