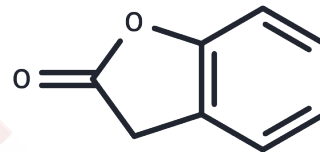


Benzofuran-2(3H)-one

Chemical Properties

CAS No. :	553-86-6
Formula:	C ₈ H ₆ O ₂
Molecular Weight:	134.13
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	Benzofuran-2(3H)-one is a benzofuran derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.4555 mL	37.2773 mL	74.5545 mL
5 mM	1.4911 mL	7.4555 mL	14.9109 mL
10 mM	0.7455 mL	3.7277 mL	7.4555 mL
50 mM	0.1491 mL	0.7455 mL	1.4911 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

Askerova U, et al. Can Water Trigger Room-Temperature Formation of Benzofuran-2(3H)-one Scaffolds From Vinylidiazene Derivatives? Computational Insights Into an Unusual Cyclization. J Comput Chem. 2025 Apr 15;46(10): e70102.

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