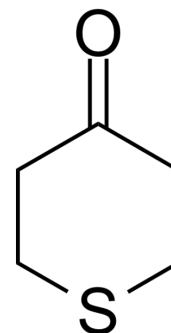


Tetrahydrothiopyran-4-one

Cat. No.:	HY-W002007		
CAS No.:	1072-72-6		
Molecular Formula:	C ₅ H ₈ OS		
Molecular Weight:	116.18		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (860.73 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		8.6073 mL	43.0367 mL	86.0733 mL
		5 mM		1.7215 mL	8.6073 mL	17.2147 mL
		10 mM		0.8607 mL	4.3037 mL	8.6073 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (21.52 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (21.52 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tetrahydrothiopyran-4-one is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
-------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA