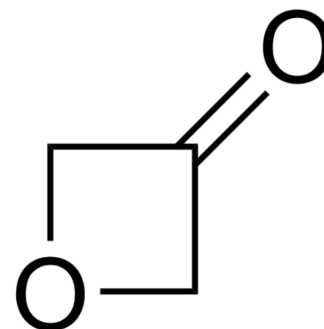


3-Oxetanone

Cat. No.:	HY-76440
CAS No.:	6704-31-0
Molecular Formula:	C ₃ H ₄ O ₂
Molecular Weight:	72.06
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (1387.73 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	13.8773 mL	69.3866 mL	138.7733 mL
			5 mM	2.7755 mL	13.8773 mL	27.7547 mL
10 mM	1.3877 mL	6.9387 mL	13.8773 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 (34.69 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (34.69 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (34.69 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	3-Oxetanone is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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Caution: Product has not been fully validated for medical applications. For research use only.

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