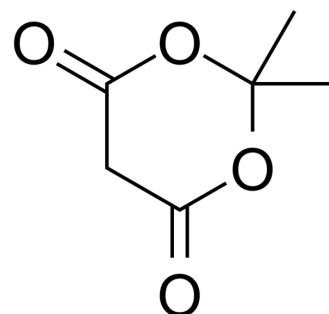


2,2-Dimethyl-1,3-dioxane-4,6-dione

Cat. No.:	HY-Y0232		
CAS No.:	2033-24-1		
Molecular Formula:	C ₆ H ₈ O ₄		
Molecular Weight:	144.13		
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 (693.82 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	6.9382 mL	34.6909 mL	69.3818 mL
5 mM	1.3876 mL	6.9382 mL	13.8764 mL
10 mM	0.6938 mL	3.4691 mL	6.9382 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (17.35 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (17.35 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2,2-Dimethyl-1,3-dioxane-4,6-dione 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.

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