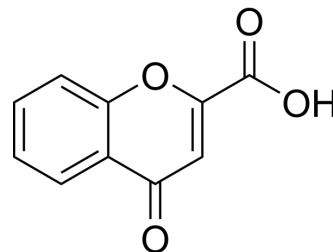


Chromocarb

Cat. No.:	HY-B1182		
CAS No.:	4940-39-0		
Molecular Formula:	C ₁₀ H ₆ O ₄		
Molecular Weight:	190.15		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (525.90 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.2590 mL	26.2950 mL	52.5901 mL
	5 mM	1.0518 mL	5.2590 mL	10.5180 mL
	10 mM	0.5259 mL	2.6295 mL	5.2590 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 (13.15 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (13.15 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (13.15 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Chromocarb is a synthetic vasoprotectant.

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

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