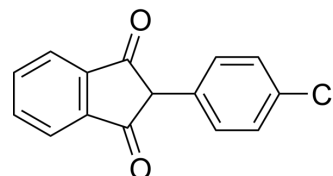


Chlorindione

Cat. No.:	HY-B0918		
CAS No.:	1146-99-2		
Molecular Formula:	C ₁₅ H ₉ ClO ₂		
Molecular Weight:	256.68		
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 (389.59 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8959 mL	19.4795 mL	38.9590 mL
	5 mM	0.7792 mL	3.8959 mL	7.7918 mL
	10 mM	0.3896 mL	1.9480 mL	3.8959 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 (9.74 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (9.74 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (9.74 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Chlorindione (Chlophenadione) is a potent anticoagulant. Chlorindione also is a vitamin K1 antagonist^[1].

REFERENCES

[1]. Danek A, et, al. Studies on absorption and elimination of drugs. II. The kinetics of distribution and elimination of clorindion in the rabbit. Pol J Pharmacol Pharm. May-

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