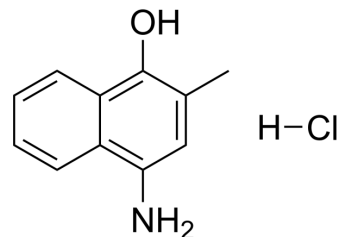


Vitamin K5 hydrochloride

Cat. No.:	HY-N2552
CAS No.:	130-24-5
Molecular Formula:	C ₁₁ H ₁₂ ClNO
Molecular Weight:	209.67
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (596.17 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.7694 mL	23.8470 mL	47.6940 mL
5 mM	0.9539 mL	4.7694 mL	9.5388 mL
10 mM	0.4769 mL	2.3847 mL	4.7694 mL

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

BIOLOGICAL ACTIVITY

Description

Vitamin K5 (hydrochloride) is a naphthoquinones compound, shows trichomonacidal activity in vitro. Vitamin K5(hydrochloride) can be used for the research of anti-infection^[1].

REFERENCES

[1]. Khristov, Khr. P, et al. Effect of metabolites and antimetabolites on Trichomonas vaginalis. II. Experiments with the vitamin K group. Medizinische Mikrobiologie und Parasitologie. 1971, 218, 1.

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

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