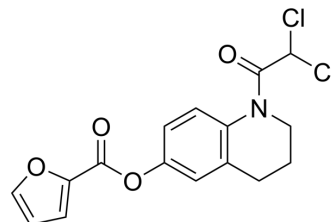


Quinfamide

Cat. No.:	HY-119826		
CAS No.:	62265-68-3		
Molecular Formula:	C ₁₆ H ₁₃ Cl ₂ NO ₄		
Molecular Weight:	354.18		
Target:	Parasite		
Pathway:	Anti-infection		
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 : ≥ 125 mg/mL (352.93 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.8234 mL	14.1171 mL	28.2342 mL
	5 mM		0.5647 mL	2.8234 mL	5.6468 mL
	10 mM		0.2823 mL	1.4117 mL	2.8234 mL

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

BIOLOGICAL ACTIVITY

Description

Quinfamide is an antiamebic agent. Quinfamide has the potential to treat tropical parasitic infections such as Amoebiasis and Helminthiasis^[1].

IC₅₀ & Target

Amebae

REFERENCES

[1]. Davila-Gutierrez CE, et al. Nitazoxanide compared with quinfamide and mebendazole in the treatment of helminthic infections and intestinal protozoa in children. Am J Trop Med Hyg. 2002 Mar;66(3):251-4.

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

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