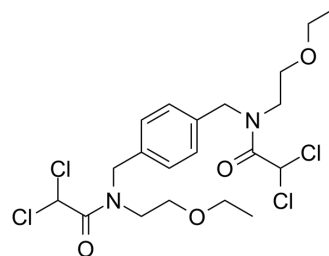


Teclozan

Cat. No.:	HY-19594
CAS No.:	5560-78-1
Molecular Formula:	C ₂₀ H ₂₈ Cl ₄ N ₂ O ₄
Molecular Weight:	502.26
Target:	Parasite
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (124.44 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.9910 mL	9.9550 mL	19.9100 mL
			5 mM	0.3982 mL	1.9910 mL	3.9820 mL
10 mM	0.1991 mL	0.9955 mL	1.9910 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.14 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Teclozan (WIN 13146) is an antiprotozoal agent, class in benzylamine derivatives. Teclozan intervenes in the phospholipid metabolism prevents the formation of arachidonic acid. Teclozan acts in the intestinal lumen being effective in Anti-G. intestinalis. Teclozan can be used for the research of protozoan infections ^{[1][2]} .
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REFERENCES

- [1]. Gonzales MLM, et al. Antiamoebic drugs for treating amoebic colitis. Cochrane Database Syst Rev. 2019;1(1):CD006085. Published 2019 Jan 9.
- [2]. Díaz, V. M. M. . Pharmacological Treatment of Giardiasis. In: Rodríguez-Morales, A. J. , editor. Current Topics in Giardiasis [Internet]. London: IntechOpen; 2017.

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

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