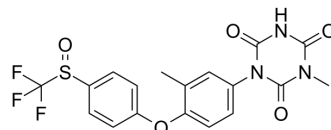


Toltrazuril sulfoxide

Cat. No.:	HY-136438		
CAS No.:	69004-15-5		
Molecular Formula:	C ₁₈ H ₁₄ F ₃ N ₃ O ₅ S		
Molecular Weight:	441.38		
Target:	Endogenous Metabolite; Parasite		
Pathway:	Metabolic Enzyme/Protease; Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Toltrazuril sulfoxide is a short-lived intermediary metabolite of Toltrazuril (HY-B0175), and then can be metabolized to the reactive toltrazuril sulfone (TZR-SO ₂) in vivo. Toltrazuril is an antiprotozoal agent that acts upon Coccidia parasites ^[1] .
IC₅₀ & Target	Coccidia

REFERENCES

- [1]. Jong-Hwan Lim, et al. Pharmacokinetics of toltrazuril and its metabolites, toltrazuril sulfoxide and toltrazuril sulfone, after a single oral administration to pigs. *J Vet Med Sci.* 2010 Aug;72(8):1085-7.
- [2]. H Mehlhorn, et al. Toltrazuril effective against a broad spectrum of protozoan parasites. *Parasitol Res.* 1988;75(1):64-6.

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

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