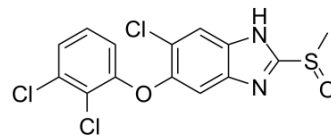


Triclabendazole sulfoxide

Cat. No.:	HY-136450
CAS No.:	100648-13-3
Molecular Formula:	C ₁₄ H ₉ Cl ₃ N ₂ O ₂ S
Molecular Weight:	375.66
Target:	Parasite; BCRP
Pathway:	Anti-infection; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Triclabendazole sulfoxide (TCBZ-SO) is the main plasma metabolite of Triclabendazole, and exhibits anti-parasite effects. Triclabendazole sulfoxide can inhibit membrane transporter ABCG2/BCRP^{[1][2]}.

REFERENCES

[1]. Barrera B, et, al. The anthelmintic triclabendazole and its metabolites inhibit the membrane transporter ABCG2/BCRP. *Antimicrob Agents Chemother.* 2012 Jul;56(7):3535-43.

[2]. Robinson MW, et, al. The comparative metabolism of triclabendazole sulphoxide by triclabendazole-susceptible and triclabendazole-resistant *Fasciola hepatica*. *Parasitol Res.* 2004 Feb;92(3):205-10.

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