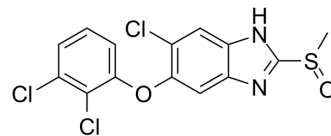


## Triclabendazole sulfoxide

Cat. No.:	HY-136450
CAS No.:	100648-13-3
Molecular Formula:	C <sub>14</sub> H <sub>9</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>2</sub> 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<sup>[1][2]</sup>.

### 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.**

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