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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

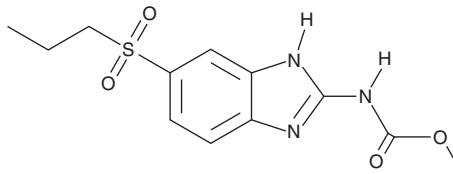
PRODUCT INFORMATION



Albendazole sulfone

Item No. 35445

CAS Registry No.: 75184-71-3
Formal Name: N-[6-(propylsulfonyl)-1H-benzimidazol-2-yl]-carbamic acid, methyl ester
Synonyms: ABZ-SO₂, ABZ-SOO
MF: C₁₂H₁₅N₃O₄S
FW: 297.3
Purity: ≥98%
UV/Vis.: λ_{max}: 223 nm
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Albendazole sulfone is supplied as a solid. A stock solution may be made by dissolving the albendazole sulfone in the solvent of choice, which should be purged with an inert gas. Albendazole sulfone is soluble in methanol and DMSO.

Description

Albendazole sulfone is an active metabolite of the benzimidazole anthelmintic albendazole (Item No. 23705).^{1,2} It inhibits spore formation of *E. hellem*, *E. cuniculi*, and *E. intestinalis* *in vitro* (IC₉₀s = <0.0001, <0.001, and <0.1 µg/ml, respectively).²

References

1. Baliharová, V., Velík, J., Fimanová, K., *et al.* Inhibitory effect of albendazole and its metabolites on cytochromes P450 activities in rat and mouflon *in vitro*. *Pharmacol. Rep.* **57(1)**, 97-106 (2005).
2. Ridoux, O. and Drancourt, M. In vitro susceptibilities of the microsporidia *Encephalitozoon cuniculi*, *Encephalitozoon hellem*, and *Encephalitozoon intestinalis* to albendazole and its sulfoxide and sulfone metabolites. *Antimicrob. Agents and Chemother.* **42(12)**, 3301-3303 (1998).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM