

Product Data Sheet

Product Name: Toltrazuril

Cat. No.: GC11105

Chemical Properties

Cas. No. 69004-03-1

Chemical Name 1-methyl-3-[3-methyl-4-[4-(trifluoromethylsulfanyl)phenoxy]phenyl]-1,3,5-triazinane-2,4,6-trione

SMILES CC1=C(C=CC(=C1)N2C(=O)NC(=O)N(C2=O)C)OC3=CC=C(C=C3)SC(F)(F)F

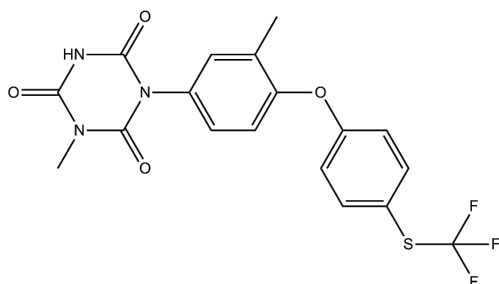
Formula C₁₈H₁₄F₃N₃O₄S M.Wt 425.38

Solubility ≥ 18.1mg/mL in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Toltrazuril is an antiprotozoal agent that acts upon Coccidia parasites. Target: Antiparasitic Toltrazuril is an antiprotozoal agent that acts upon Coccidia parasites. Toltrazuril induces changes in the fine structure of coccidian development stages that are mainly due to a swelling of the endoplasmatic reticulum and of the Golgi apparatus and to abnormalities in the peri-nuclear space, disturbance in nuclear division. Treated with toltrazuril showed a considerably lower mean opg to that of group C (5.78 opg versus 144.62 opg) (p 90 %) for all the study.

References:

[1]. Mehlhorn H, et al. Toltrazuril effective against a broad spectrum of protozoan parasites. Parasitol

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Res. 1988;75(1):64-6.

[2]. Diaferia M, et al. Efficacy of toltrazuril 5 % suspension (Baycox , Bayer) and diclazuril (Vecoxan, Janssen-Cilag) in the control of Eimeria spp. in lambs. Parasitol Res. 2013 Aug;112 Suppl 1:163-8.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA