
Product Data Sheet

Product Name: Toltrazuril sulfoxide

Cat. No.: GC63233

Chemical Properties

Cas. No. 69004-15-5

Formula $C_{18}H_{14}F_3N_3O_5S$

M.Wt 441.38

Solubility DMSO : 250 mg/mL (566.41 mM; Need ultrasonic)

Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the 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 sulfoxide is a short-lived intermediary metabolite of Toltrazuril , and then can be metabolized to the reactive toltrazuril sulfone (TZR-SO₂) in vivo. Toltrazuril is an antiprotozoal agent that acts upon Coccidia parasites[1].

[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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