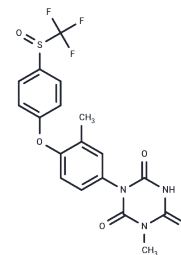


Toltrazuril sulfoxide

Chemical Properties

CAS No. : 69004-15-5
Formula: C₁₈H₁₄F₃N₃O₅
Molecular Weight: 441.38
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Toltrazuril sulfoxide, a transient intermediary metabolite of Toltrazuril, undergoes in vivo metabolism to yield the reactive toltrazuril sulfone (TZR-SO ₂). Toltrazuril functions as an antiprotozoal agent targeting Coccidia parasites[1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2656 mL	11.3281 mL	22.6562 mL
5 mM	0.4531 mL	2.2656 mL	4.5312 mL
10 mM	0.2266 mL	1.1328 mL	2.2656 mL
50 mM	0.0453 mL	0.2266 mL	0.4531 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

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