

Clorsulon

Catalog No: tcsc2604



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

60200-06-8

Formula:

$C_8H_8Cl_3N_3O_4S_2$

Pathway:

Anti-infection

Target:

Parasite

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

L631529;MK401

Observed Molecular Weight:

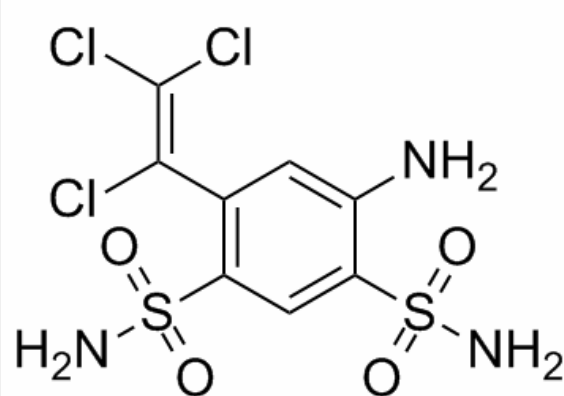
380.66

Product Description

Clorsulon is used in the treatment of Fasciola hepatica infections in calves and sheep.

Target: Antiparasitic

Clorsulon is a competitive inhibitor of both 3-phosphoglycerate and ATP and had a K_i of 0.29 mM, inhibits glucose utilization and acetate and propionate formation by mature *Fasciola hepatica* in vitro. [1] Clorsulon (a single dose of 15 mg/kg) is effective in removing over 90% of immature *Fasciola hepatica* from sheep (6 weeks after infection) and calves (8 weeks after infection). A 2.5 mg/kg dose removed over 90% of mature (16 weeks old) liver fluke from sheep [1]. Clorsulon causes severe disruption to the tegument and gut of *Fasciola hepatica* after in vivo incubation [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!