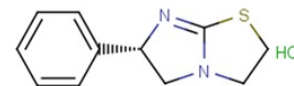


Catalog Number: CM00327

产品信息

Catalog Number:
CM00327CAS号:
16595-80-5分子式:
 $C_{11}H_{12}N_2S \cdot HCl$ 主要靶点:
Parasite|HSV|AChR|Phospholipase主要通路:
微生物学|代谢|神经科学分子量:
240.75溶解度:
DMSO:6.25 mg/mL (25.96 mM)

体外活性

L-tetramisole (250 and 500 mg/mL) suppresses IFN synthesis in the cells from BALB/c and NZB mice. L-tetramisole (125 mg/mL) inhibits the IFN production only partially and this effect is observed when the IFN production is high. L-tetramisole affects the production of the physiological IFN, but not the production of IFN induced by Newcastle disease virus (NDV) in the peritoneal cells of mice or in L929 cells. [1]

体内活性

Tetramisole leads to the mean faecal egg count rose from 3 weeks after treatment and remain continuously higher than those Closantel or Albendazole treated group up to 12 weeks after treatment. [2] Tetramisole reduces neuronal response amplitude in a dose-dependent manner in mouse cortex. Tetramisole also decreases axonal conduction velocity in mouse cortex. [3] Tetramisole significantly increases the stereotyped behavior (grooming, sniffing, biting and licking and head bobbing) of the mice when compared to the control group. Tetramisole significantly increases stereotyped behavior of the mice on days 3, 5 and 8 in comparison with respective control values. Tetramisole treatments (0.5 and 1 mg/kg) also significantly decreases the time needed to complete the negative geotaxis task and reduces landing foot splay. [4]

描述

Levamisole hydrochloride is an antihelminthic drug that has been tried experimentally in rheumatic disorders where it apparently restores the immune response by increasing macrophage chemotaxis and T-lymphocyte function. Paradoxically, this immune enhancement appears to be beneficial in rheumatoid arthritis where dermatitis, leukopenia, and thrombocytopenia, and nausea and vomiting have been reported as side effects.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year