

Nifuratel

Catalog No: tcsc1635



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

4936-47-4

Formula:

$C_{10}H_{11}N_3O_5S$

Pathway:

Anti-infection;Anti-infection

Target:

Bacterial;Parasite

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

NF 113;SAP 113;Methylmercadone

Observed Molecular Weight:

285.28

Product Description

Nifuratel(NF 113, SAP 113) is a broad antibacterial spectrum agent, which is used as an antibacterial, antifungal, and antiprotozoal (Trichomonas).

IC50 Value: 0.125-1 µg/mL(MIC, A. vaginae) [1]

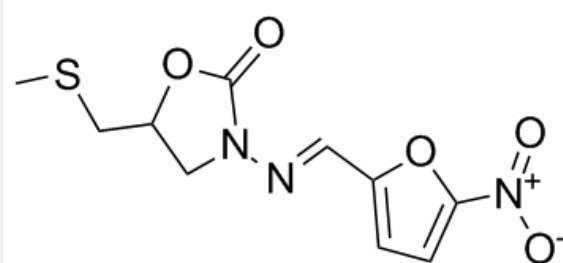
Target: Antibacterial; Antiprotozoal

in vitro: In vitro, nifuratel is able to inhibit the growth of A. vaginae, with a MIC range of 0.125-1 µg/mL; it is active against G. vaginalis and does not affect lactobacilli [1].

in vivo: Patients were randomized to receive a 2-week course of bismuth subcitrate (8 mg/kg/day, q.d.s.), amoxicillin (50 mg/kg/day, q.d.s.), with either nifuratel (15 mg/kg/day, q.d.s.) or furazolidone (10 mg/kg/day, q.d.s.), plus omeprazole (0.5 mg/kg, once daily) [2].

Toxicity: There were no serious adverse reactions and were no withdrawals due to any side-effects. All of side-effects were self-limiting (dark stools, urine discoloration, blackening of the tongue, and others) [3].

Clinical trial: N/A



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