

# 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]

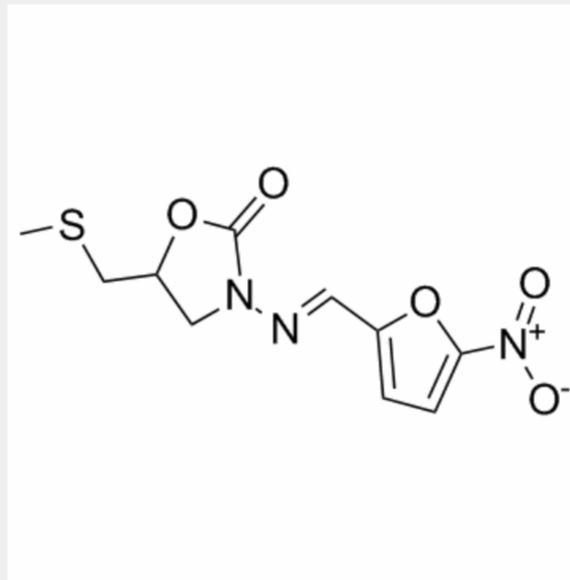
Target: Antibacterial; Antiprotozoal

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!