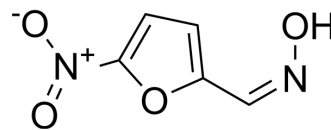


## Nifuroxime

Cat. No.:	HY-B1702
CAS No.:	6236-05-1
Molecular Formula:	C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	156.1
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Nifuroxime is an anti-infective agent. Nifuroxime can be used in the research of fungal infections <sup>[1]</sup> .
In Vitro	Nifuroxime (10 µg/mL) inhibits mycelial growth <sup>[1]</sup> . Nifuroxime (0.5 mM, 20 min) effectively sensitize hypoxic cells to ionizing radiation in a tumour-like environment <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. DORIAN ABRAHAMS, et al. Evaluation of fungicides for haliphthoros milforden-Sis and their toxicity to juvenile european lobsters. Aquaculture, 12 (1977) 31-40.
- [2]. Sutherland RM, et al. Radiosensitization by nifuroxime of the hypoxic cells in an in vitro tumour model. Int J Radiat Biol Relat Stud Phys Chem Med. 1972 Dec;22(6):613-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA