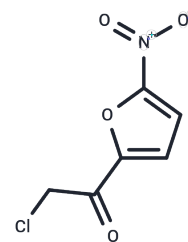


## Nifurmerone

## Chemical Properties

CAS No. :	5579-95-3
Formula:	C <sub>6</sub> H <sub>4</sub> ClNO <sub>4</sub>
Molecular Weight:	189.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Nifurmerone is a nitrofurane.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2757 mL	26.3783 mL	52.7565 mL
5 mM	1.0551 mL	5.2757 mL	10.5513 mL
10 mM	0.5276 mL	2.6378 mL	5.2757 mL
50 mM	0.1055 mL	0.5276 mL	1.0551 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Ritter HW, Hoffmann PF, Ledbetter RR, Krueger RF. Nifuratrone, a new nitrofurane: in vitro and in vivo activities. *Antimicrob Agents Chemother* (Bethesda). 1970;10:254-9. PubMed PMID: 4939734.
- Craine EM, Carman J, Hobson DL. Urinary excretion of nifuratrone metabolites by swine (gilts). *J Agric Food Chem*. 1972 May-Jun;20(3):592-6. PubMed PMID: 5072313.
- Matsen JM. In vitro evaluation of nifuratrone. *Antimicrob Agents Chemother* (Bethesda). 1970;10:260-6. PubMed PMID: 5000258.
- Smith EB, Knox JM, Holder WR. Nifuratrone and gonorrhoea. *Antimicrob Agents Chemother* (Bethesda). 1970;10:267-9. PubMed PMID: 5521345.

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