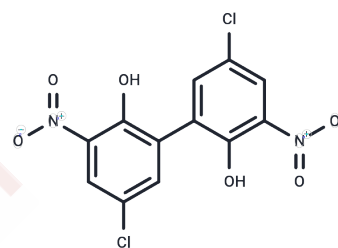


## Niclofolan

## Chemical Properties

CAS No. :	10331-57-4
Formula:	C <sub>12</sub> H <sub>6</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	345.09
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	Niclofolan, a biphenyl anthelmintic compound, is used orally towards the treatment of Fasciola hepatica infection.
Targets(IC50)	Others,Parasite

## Solubility Information

Solubility	H <sub>2</sub> O: Insoluble, DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8978 mL	14.489 mL	28.9779 mL
5 mM	0.5796 mL	2.8978 mL	5.7956 mL
10 mM	0.2898 mL	1.4489 mL	2.8978 mL
50 mM	0.058 mL	0.2898 mL	0.5796 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

Ali BH, el Sheikh HA, McKellar QA. Pharmacokinetics of niclofolan in desert sheep. *J Vet Pharmacol Ther.* 1990 Jun; 13(2):217-9. PubMed PMID: 2384912.

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Güralp N, Tinar R. Trematodiasis in Turkey: comparative efficacy of triclabendazole and niclofolan against natural infections of *Fasciola hepatica* and *F. gigantica* in sheep. *J Helminthol.* 1984 Jun;58(2):113-6. PubMed PMID: 6747253.

González H, Plaza J, Montes G, Pérez R, Toro P. [Anthelmintic activity of niclofolan and closantel against *Fasciola hepatica* in sheep]. *Bol Chil Parasitol.* 1983 Jul-Dec;38(3-4):42-9. Spanish. PubMed PMID: 6375690.

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