

Ofurace

**Chemical Properties**

CAS No.:	58810-48-3
Formula:	C <sub>14</sub> H <sub>16</sub> ClNO <sub>3</sub>
Molecular Weight:	281.73
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Ofurace is a fungicide.
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**Solubility Information**

Solubility	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	3.549 mL	17.747 mL	35.495 mL
5 mM	0.710 mL	3.549 mL	7.099 mL
10 mM	0.355 mL	1.775 mL	3.549 mL
50 mM	0.071 mL	0.355 mL	0.710 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Leslie C, Reidy GF, Stacey NH. Effect of ofurace, oxadixyl, and alachlor on xenobiotic biotransformation in the rat liver. Arch Environ Contam Toxicol. 1989 Nov;18(6):876-80. PubMed PMID: 2619326.
2. Belmonte Valles N, Retamal M, Mezcuca M, Fernández-Alba AR. A sensitive and selective method for the determination of selected pesticides in fruit by gas chromatography/mass spectrometry with negative chemical ionization. J Chromatogr A. 2012 Nov 16;1264:110-6. doi: 10.1016/j.chroma.2012.09.063. Epub 2012 Sep 25. PubMed PMID: 23058941.
3. Albert-García JR, Icardo MC, Calatayud JM. Analytical strategy photodegradation/chemiluminescence/continuous-flow multicommutation methodology for the determination of the herbicide Propanil. Talanta. 2006 May 15;69(3):608-14. doi: 10.1016/j.talanta.2005.10.044. Epub 2005 Dec 15. PubMed PMID: 18970611.

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