

Ofurace

Chemical Properties

CAS No. :	58810-48-3
Formula:	C ₁₄ H ₁₆ ClNO ₃
Molecular Weight:	281.73
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	Ofurace is a fungicide.
Targets(IC50)	Others,Antifungal

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	3.5495 mL	17.7475 mL	35.495 mL
5 mM	0.7099 mL	3.5495 mL	7.099 mL
10 mM	0.3549 mL	1.7747 mL	3.5495 mL
50 mM	0.071 mL	0.3549 mL	0.7099 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

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.

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.

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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