

# Furil dioxime

<b>Other names:</b>	Ethanedione, di-2-furanyl-, dioxime «alpha»-Furil dioxime Bis(2-furyl)glyoxime Glyoxime, di-2-furyl- Furil «alpha»-dioxime alpha-Furil dioxime 1,2-Di(2-furyl)-1,2-ethanedione dioxime Di-2-furylethanedione dioxime
<b>Inchi:</b>	InChI=1S/C10H8N2O4/c13-11-9(7-3-1-5-15-7)10(12-14)8-4-2-6-16-8/h1-6,13-14H
<b>InchiKey:</b>	RBOZTFPIXJBLPK-UHFFFAOYSA-N
<b>Formula:</b>	C10H8N2O4
<b>SMILES:</b>	<chem>ON=C(C(=NO)c1ccco1)c1ccco1</chem>
<b>Mol. weight [g/mol]:</b>	220.18
<b>CAS:</b>	522-27-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.20		Crippen Method
logp	1.929		Crippen Method
mvol	147.680	ml/mol	McGowan Method

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C522270&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C522270&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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