

# Furazan, dibenzoyl-

<b>Other names:</b>	3,4-Dibenzoyl-1,2,5-oxadiazole
<b>Inchi:</b>	InChI=1S/C16H10N2O3/c19-15(11-7-3-1-4-8-11)13-14(18-21-17-13)16(20)12-9-5-2-6-10
<b>InchiKey:</b>	NPRKTQDWJWXWET-UHFFFAOYSA-N
<b>Formula:</b>	C16H10N2O3
<b>SMILES:</b>	O=C(c1ccccc1)c1nonc1C(=O)c1ccccc1
<b>Mol. weight [g/mol]:</b>	278.26
<b>CAS:</b>	10349-12-9

## Physical Properties

Property code	Value	Unit	Source
chs	-7829.50 ± 9.20	kJ/mol	NIST Webbook
log10ws	-8.65		Crippen Method
logp	2.532		Crippen Method
mcvol	198.290	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C10349129&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C10349129&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>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

<b>chs:</b>	Standard solid enthalpy of combustion
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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