

# Kresoxim-methyl

<b>Other names:</b>	Benzeneacetic acid, «alpha»-(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, («alpha»E)-methyl
<b>Inchi:</b>	(«alpha»E)-«alpha»-(methoxyimino)-2-[(2-methylphenoxy)methyl]benzeneacetate, InChI=1S/C18H19NO4/c1-13-8-4-7-11-16(13)23-12-14-9-5-6-10-15(14)17(19-22-3)18(20
<b>InchiKey:</b>	ZOTBXTZVPHCKPN-UHFFFAOYSA-N
<b>Formula:</b>	C18H19NO4
<b>SMILES:</b>	CON=C(C(=O)OC)c1ccccc1COc1ccccc1C
<b>Mol. weight [g/mol]:</b>	313.35
<b>CAS:</b>	143390-89-0

## Physical Properties

Property code	Value	Unit	Source
hf	-401.54	kJ/mol	Joback Method
hvap	78.91	kJ/mol	Joback Method
log10ws	-4.02		Crippen Method
logp	3.098		Crippen Method
mcvol	241.820	ml/mol	McGowan Method
pc	1733.22	kPa	Joback Method
rinpol	2201.00		NIST Webbook
rinpol	2200.00		NIST Webbook
rinpol	2208.00		NIST Webbook
rinpol	2201.00		NIST Webbook
rinpol	2203.00		NIST Webbook
rinpol	2200.00		NIST Webbook
tb	872.25	K	Joback Method
tc	1108.45	K	Joback Method

## Sources

<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>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
<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=C143390890&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C143390890&amp;Units=SI</a>

# Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>h<sub>vap</sub>:</b>	Enthalpy of vaporization at standard conditions
<b>log<sub>10</sub>ws:</b>	Log <sub>10</sub> of Water solubility in mol/l
<b>log<sub>p</sub>:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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