

# Benoxaprofen

<b>Other names:</b>	5-Benzoxazoleacetic acid, 2-(4-chlorophenyl)-«alpha»-methyl-Compound 90459 Coxigon Inflamid Opren 2-(p-Chlorophenyl)-«alpha»-methyl-5-benzoxazoleacetic acid 2-(4-Chlorophenyl)-«alpha»-methyl-5-benzoxazoleacetic acid Oraflex Uniprofen 5-Benzoxazoleacetic acid, 2-(4-chlorophenyl)-«alpha»-methyl, (.+/-)-(.+/-)-2-(p-Chlorophenyl)-«alpha»-methyl-5-benzoxazoleacetic acid NSC 299582 Lilly 90459
<b>Inchi:</b>	InChI=1S/C16H12ClNO3/c1-9(16(19)20)11-4-7-14-13(8-11)18-15(21-14)10-2-5-12(17)6-
<b>InchiKey:</b>	MITFXPHMIHQXPI-UHFFFAOYSA-N
<b>Formula:</b>	C16H12ClNO3
<b>SMILES:</b>	<chem>CC(C(=O)O)c1ccc2oc(-c3ccc(Cl)cc3)nc2c1</chem>
<b>Mol. weight [g/mol]:</b>	301.72
<b>CAS:</b>	51234-28-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.35		Crippen Method
logp	4.336		Crippen Method
mcpvol	209.150	ml/mol	McGowan Method

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C51234287&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C51234287&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>

# Legend

<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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