

# 1-(1-Methoxycarbonylcyclohexyl)-2-butoxydiazene

<b>Inchi:</b>	InChI=1S/C12H22N2O4/c1-3-4-10-18-13-14(16)12(11(15)17-2)8-6-5-7-9-12/h3-10H2,1-2
<b>InchiKey:</b>	BYKXQDPEICYASZ-YPKPFQOOSA-N
<b>Formula:</b>	C12H22N2O4
<b>SMILES:</b>	CCCCON=[N+](O-)C1(C(=O)OC)CCCCC1
<b>Mol. weight [g/mol]:</b>	258.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.94		Crippen Method
logp	2.556		Crippen Method
mcvol	203.920	ml/mol	McGowan Method
rinpol	1797.00		NIST Webbook
rinpol	1797.00		NIST Webbook

## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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=R121356&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R121356&amp;Units=SI</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
<b>rinpol:</b>	Non-polar retention indices

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