

# 1-(1-Methoxycarbonylcyclohexyl)-2-ethoxydiazene

<b>Inchi:</b>	InChI=1S/C10H18N2O4/c1-3-16-11-12(14)10(9(13)15-2)7-5-4-6-8-10/h3-8H2,1-2H3/b12
<b>InchiKey:</b>	IAUFCEXXTMIOGQ-QXMHVHEDSA-N
<b>Formula:</b>	C10H18N2O4
<b>SMILES:</b>	CCON=[N+](O-)C1(C(=O)OC)CCCCC1
<b>Mol. weight [g/mol]:</b>	230.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	1.776		Crippen Method
mcvol	175.740	ml/mol	McGowan Method
rinpol	1632.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R121361&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R121361&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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