

# t-Butyl 1-piperaziencarboxylate

<b>Other names:</b>	t-Butyl 1-piperazincarboxylate 1-Piperazinecarboxylic acid, 1,1-dimethylethyl ester N-BOC-piperazine brut N-tert-Butoxycarbonyl piperazine
<b>Inchi:</b>	InChI=1S/C9H18N2O2/c1-9(2,3)13-8(12)11-6-4-10-5-7-11/h10H,4-7H2,1-3H3
<b>InchiKey:</b>	CWXPZXBSDSIRCS-UHFFFAOYSA-N
<b>Formula:</b>	C9H18N2O2
<b>SMILES:</b>	CC(C)(C)OC(=O)N1CCNCC1
<b>Mol. weight [g/mol]:</b>	186.25
<b>CAS:</b>	57260-71-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.20		Crippen Method
logp	0.827		Crippen Method
mcvol	154.210	ml/mol	McGowan 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>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=C57260716&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C57260716&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

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