

# 2-Thiopheneacetamide, N-butyl-

<b>Inchi:</b>	InChI=1S/C10H15NOS/c1-2-3-6-11-10(12)8-9-5-4-7-13-9/h4-5,7H,2-3,6,8H2,1H3,(H,11,12)
<b>InchiKey:</b>	TWFLNURXSLZJGZ-UHFFFAOYSA-N
<b>Formula:</b>	C10H15NOS
<b>SMILES:</b>	CCCCN=C(O)Cc1cccs1
<b>Mol. weight [g/mol]:</b>	197.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	3.047		Crippen Method
mcvol	160.200	ml/mol	McGowan Method
rinpola	1713.00		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.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=U407006&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U407006&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>rinpola:</b>	Non-polar retention indices

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