

# 2-Thiopheneacetic acid, hex-4-yn-3-yl ester

<b>Inchi:</b>	InChI=1S/C12H14O2S/c1-3-6-10(4-2)14-12(13)9-11-7-5-8-15-11/h5,7-8,10H,4,9H2,1-2H
<b>InchiKey:</b>	IWVMKDNATWNIRU-UHFFFAOYSA-N
<b>Formula:</b>	C12H14O2S
<b>SMILES:</b>	CC#CC(CC)OC(=O)Cc1cccs1
<b>Mol. weight [g/mol]:</b>	222.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	2.636		Crippen Method
mcvol	175.670	ml/mol	McGowan Method
rinpol	1579.00		NIST Webbook
rinpol	1579.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U299385&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U299385&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>
<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>

## 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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