

Thiophene, 2-decyl-

Other names:	2-decylthiophene
Inchi:	InChI=1S/C14H24S/c1-2-3-4-5-6-7-8-9-11-14-12-10-13-15-14/h10,12-13H,2-9,11H2,1H3
InchiKey:	GOTHKCARNFTUSW-UHFFFAOYSA-N
Formula:	C14H24S
SMILES:	CCCCCCCCCc1cccs1
Mol. weight [g/mol]:	224.41
CAS:	24769-39-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.38		Crippen Method
logp	5.431		Crippen Method
mcvol	205.010	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C24769399&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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