

Acetamide, N-2-thienyl-

Other names:	Thiophene, 2-acetamido N-2-thienylacetamide
Inchi:	InChI=1S/C6H7NOS/c1-5(8)7-6-3-2-4-9-6/h2-4H,1H3,(H,7,8)
InchiKey:	FSATURPVOMZWBY-UHFFFAOYSA-N
Formula:	C6H7NOS
SMILES:	CC(=O)Nc1cccs1
Mol. weight [g/mol]:	141.19
CAS:	13053-81-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.43		Crippen Method
logp	1.706		Crippen Method
mvol	103.840	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=C13053811&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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