

N-(2-THIAZOLYL)ACETAMIDE

Other names:	2-Acetylaminothiazole 2-Acetaminothiazole Acetamide, N-2-thiazolyl- N-2-Thiazolylacetamide Thiazole, 2-acetamido- 2-Acetamido-1,3-thiazole N-thiazol-2-ylacetamide
Inchi:	InChI=1S/C5H6N2OS/c1-4(8)7-5-6-2-3-9-5/h2-3H,1H3,(H,6,7,8)
InchiKey:	WXPLRSVMGRAIGW-UHFFFAOYSA-N
Formula:	C5H6N2OS
SMILES:	CC(=O)Nc1nccs1
Mol. weight [g/mol]:	142.18

Physical Properties

Property code	Value	Unit	Source
logp	1.101		Crippen Method
mcvol	99.730	ml/mol	McGowan Method
tb	529.26	K	Cheméo Relay (1.0)
tf	387.84	K	Cheméo Relay (1.0)

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?Str2File=C2719235
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

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<https://www.chemeo.com/cid/119-499-7/N-2-THIAZOLYL-ACETAMIDE.pdf>

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