4-ethyl-5-methyl-2-pentyl-thiazole

Inchi: InChI=1S/C11H19NS/c1-4-6-7-8-11-12-10(5-2)9(3)13-11/h4-8H2,1-3H3
InchiKey: TXWASXHFTHHDHE-UHFFFAOYSA-N
Formula: C11H19NS
SMILES: CCCCCc1nc(CC)c(C)s1
Mol. weight [g/mol]: 197.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.33		Crippen Method
logp	3.747		Crippen Method
mcvol	172.720	ml/mol	McGowan Method
rinpol	1432.00		NIST Webbook
rinpol	1433.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R498092&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

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