Thiazole, 2,5-diethyl-4-methyl-

Other names:	4-methyl-2,5-diethylthiazole
	2,5-Diethyl-4-methylthiazole
Inchi:	InChI=1S/C8H13NS/c1-4-7-6(3)9-8(5-2)10-7/h4-5H2,1-3H3
InchiKey:	AEVBKBWVXISVBJ-UHFFFAOYSA-N
Formula:	C8H13NS
SMILES:	CCc1nc(C)c(CC)s1
Mol. weight [g/mol]:	155.26
CAS:	14001-71-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.08		Crippen Method
logp	2.576		Crippen Method
mcvol	130.450	ml/mol	McGowan Method
rinpol	1144.00		NIST Webbook
rinpol	1131.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14001719&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
rinpol:	Non-polar retention indices