2-pentyl-4,5-dimethyloxazole

Inchi:	InChI=1S/C10H17NO/c1-4-5-6-7-10-11-8(2)9(3)12-10/h4-7H2,1-3H3
InchiKey:	HLNGYNXFRKTMHQ-UHFFFAOYSA-N
Formula:	C10H17NO
SMILES:	CCCCCc1nc(C)c(C)o1
Mol. weight [g/mol]:	167.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.98		Crippen Method
logp	3.024		Crippen Method
mcvol	148.150	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=R161438&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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