5-methyl-2-propenylfuran, cis

Inchi: InChI=1S/C8H10O/c1-3-4-8-6-5-7(2)9-8/h3-6H,1-2H3/b4-3+
InchiKey: QXSXKNKKQRKGJB-ONEGZZNKSA-N
Formula: C8H10O
SMILES: CC=Cc1ccc(C)o1
Mol. weight [g/mol]: 122.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.92		Crippen Method
logp	2.621		Crippen Method
mcvol	105.690	ml/mol	McGowan Method
ripol	1255.00		NIST Webbook
ripol	1255.00		NIST Webbook
ripol	1256.00		NIST Webbook
ripol	1257.00		NIST Webbook
ripol	1255.00		NIST Webbook
ripol	1257.00		NIST Webbook
ripol	1255.00		NIST Webbook
ripol	1256.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R491586&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

ripol: Polar retention indices