

Furan, 4-methyl-2-propyl-

Other names:	4-Methyl-2-propyl furan
Inchi:	InChI=1S/C8H12O/c1-3-4-8-5-7(2)6-9-8/h5-6H,3-4H2,1-2H3
InchiKey:	RPYZCTABWNSIJH-UHFFFAOYSA-N
Formula:	C8H12O
SMILES:	CCCC1CC(C)CO1
Mol. weight [g/mol]:	124.18
CAS:	6148-37-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.90		Crippen Method
logp	2.541		Crippen Method
mcvol	109.990	ml/mol	McGowan Method
tb	417.65 ± 1.00	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6148374&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature

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<https://www.chemeo.com/cid/19-363-8/Furan-4-methyl-2-propyl.pdf>

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