Furan, 2-(1-pentenyl)-, (E)-

Other names:	2-[(1E)-1-Pentenyl]furan
	trans-2-(1-Pentenyl)furan
	2-(1-Pentenyl)furan, trans-
Inchi:	InChI=1S/C9H12O/c1-2-3-4-6-9-7-5-8-10-9/h4-8H,2-3H2,1H3/b6-4+
InchiKey:	LKSYSJTUBQSZBS-GQCTYLIASA-N
Formula:	C9H12O
SMILES:	CCCC=Cc1ccco1
Mol. weight [g/mol]:	136.19
CAS:	20992-69-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.28		Crippen Method
logp	3.093		Crippen Method
mcvol	119.780	ml/mol	McGowan Method
rinpol	1000.00		NIST Webbook
rinpol	1000.00		NIST Webbook

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20992692&Units=SI

Legend

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