Furan, 2-(2-furanylmethyl)-5-methyl-

Other names:	Furan, 5-methyl-2,2'-methylenedi-
	2-Furfuryl-5-methylfuran
	2-(2-Furylmethyl)-5-methylfuran
	2-(2-Furanylmethyl)-5-methylfuran
	5-Methyl-2-furfurylfuran
Inchi:	InChI=1S/C10H10O2/c1-8-4-5-10(12-8)7-9-3-2-6-11-9/h2-6H,7H2,1H3
InchiKey:	LWHDEDPRANCGFI-UHFFFAOYSA-N
Formula:	C10H10O2
SMILES:	Cc1ccc(Cc2ccco2)o1
Mol. weight [g/mol]:	162.19
CAS:	13678-51-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.52		Crippen Method
logp	2.772		Crippen Method
mcvol	124.580	ml/mol	McGowan Method
rinpol	1195.00		NIST Webbook
rinpol	1157.00		NIST Webbook
rinpol	1156.00		NIST Webbook
rinpol	1195.00		NIST Webbook
rinpol	1184.00		NIST Webbook
rinpol	1184.00		NIST Webbook
ripol	1693.00		NIST Webbook
ripol	1663.00		NIST Webbook
ripol	1693.00		NIST Webbook
ripol	1659.00		NIST Webbook
ripol	1655.00		NIST Webbook
ripol	1706.00		NIST Webbook
ripol	1706.00		NIST Webbook
ripol	1682.00		NIST Webbook
ripol	1700.00		NIST Webbook
ripol	1659.00		NIST Webbook
ripol	1659.00		NIST Webbook
ripol	1659.00		NIST Webbook
ripol	1659.00		NIST Webbook
ripol	1655.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13678518&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
ripol:	Polar retention indices