3-vinylfuran

Inchi: InChI=1S/C6H6O/c1-2-6-3-4-7-5-6/h2-5H,1H2
InchiKey: CYFIOEQOOFDASY-UHFFFAOYSA-N
Formula: C6H6O
SMILES: C=Cc1ccoc1
Mol. weight [g/mol]: 94.11

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.03		Crippen Method
logp	1.923		Crippen Method
mcvol	77.510	ml/mol	McGowan Method
ripol	1143.00		NIST Webbook
ripol	1148.00		NIST Webbook
ripol	1149.00		NIST Webbook
ripol	1147.00		NIST Webbook
ripol	1143.00		NIST Webbook
ripol	1147.00		NIST Webbook
ripol	1148.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R491388&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

ripol: Polar retention indices

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https://www.chemeo.com/cid/77-840-4/3-vinylfuran.pdf

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