

3-(3-Furyl)acrylic acid

Inchi:	InChI=1S/C7H6O3/c8-7(9)2-1-6-3-4-10-5-6/h1-5H,(H,8,9)/b2-1+
InchiKey:	JHAPZUDWRRBZH-Z-OWOJBTEDSA-N
Formula:	C7H6O3
SMILES:	O=C(O)C=Cc1ccoc1
Mol. weight [g/mol]:	138.12
CAS:	39244-10-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.55		Crippen Method
logp	1.377		Crippen Method
mvol	99.040	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C39244105&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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
mvol:	McGowan's characteristic volume

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