

Ethyl 3-(2-furyl)propenoate

Other names:	2-Furanacrylic acid, ethyl ester Ethyl «beta»-(2-furyl)acrylate Ethyl 2-furanacrylate 2-Propenoic acid, 3-(2-furanyl)-, ethyl ester ethyl 3-(2-furyl)acrylate
Inchi:	InChI=1S/C9H10O3/c1-2-11-9(10)6-5-8-4-3-7-12-8/h3-7H,2H2,1H3/b6-5+
InchiKey:	MWZBTMXISMOMAE-AATRIKPKSA-N
Formula:	C9H10O3
SMILES:	CCOC(=O)C=Cc1ccco1
Mol. weight [g/mol]:	166.17
CAS:	623-20-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.15		Crippen Method
logp	1.856		Crippen Method
mcvol	127.220	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	56.80	kJ/mol	464.00	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C623201&Units=SI
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

Legend

hvapt:	Enthalpy of vaporization at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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