

2-Propenoic acid, 3-(2-thienyl)-, (E)-

Other names:	2-Thiopheneacrylic acid, (E)- (E)-3-(2-Thienyl)acrylic acid 2-Propenoic acid, 3-(2-thienyl)-, (2E)- 3-(2-thienyl)propenoic acid
Inchi:	InChI=1S/C7H6O2S/c8-7(9)4-3-6-2-1-5-10-6/h1-5H,(H,8,9)/b4-3+
InchiKey:	KKMZQOIASVGJQE-ONEGZZNKSA-N
Formula:	C7H6O2S
SMILES:	O=C(O)C=Cc1cccs1
Mol. weight [g/mol]:	154.19
CAS:	15690-25-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.57		Crippen Method
logp	1.846		Crippen Method
mcvol	109.520	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15690252&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

Latest version available from:

<https://www.chemeo.com/cid/35-070-5/2-Propenoic-acid-3-2-thienyl-E.pdf>

Generated by Cheméo on 2025-12-05 16:37:09.208628986 +0000 UTC m=+4700826.738669660.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.