

Propynylidene

Other names:	HCCCH
Inchi:	InChI=1S/C3H2/c1-3-2/h1-2H
InchiKey:	OUSWHEMIRJJMAW-UHFFFAOYSA-N
Formula:	C3H2
SMILES:	[CH]C#C
Mol. weight [g/mol]:	38.05
CAS:	2008-19-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.43		Crippen Method
logp	0.331		Crippen Method
mcvol	40.230	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2008197&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/45-321-5/Propynylidene.pdf>

Generated by Cheméo on 2024-04-27 06:59:20.923005876 +0000 UTC m=+16490409.843583193.

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