

1H-Tetrazole, 5-vinyl-

Other names:	5-ethenyl-1H-tetrazole
Inchi:	InChI=1S/C3H4N4/c1-2-3-4-6-7-5-3/h2H,1H2,(H,4,5,6,7)
InchiKey:	VTQMJCSAHXYXPJ-UHFFFAOYSA-N
Formula:	C3H4N4
SMILES:	C=Cc1nn[nH]n1
Mol. weight [g/mol]:	96.09
CAS:	18755-47-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.81		Crippen Method
logp	-0.639		Crippen Method
mcvol	69.290	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=C18755470&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

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/81-282-9/1H-Tetrazole-5-vinyl.pdf>

Generated by Cheméo on 2025-12-05 07:56:13.162873895 +0000 UTC m=+4669570.692914592.

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