

Dihydrazinyl-1,2,4,5-tetrazine

Other names:	1,4-dihydrazino tetrazine
Inchi:	InChI=1S/C2H6N8/c3-5-1-7-9-2(6-4)10-8-1/h3-4H2,(H,5,7,8)(H,6,9,10)
InchiKey:	NLZBZABIJAZRIZ-UHFFFAOYSA-N
Formula:	CH6N8
SMILES:	NNc1nnc(NN)nn1
Mol. weight [g/mol]:	130.11
CAS:	5940-53-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.56		Crippen Method
logp	-2.162		Crippen Method
mcvol	95.120	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5940534&Units=SI

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/73-650-9/Dihydrazinyl-1-2-4-5-tetrazine.pdf>

Generated by Cheméo on 2024-05-06 07:37:56.552154816 +0000 UTC m=+17270325.472732131.

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