

Acetic acid, 6(9h)-hydrazinopurin-9-yl-, hydrazide

Inchi:	InChI=1S/C7H10N8O/c8-13-4(16)1-15-3-12-5-6(14-9)10-2-11-7(5)15/h2-3H,1,8-9H2,(H,1
InchiKey:	RUGZYPBMKILKAQ-UHFFFAOYSA-N
Formula:	C7H10N8O
SMILES:	NNC(=O)Cn1cnc2c(NN)ncnc21
Mol. weight [g/mol]:	222.21
CAS:	6277-53-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	-1.898		Crippen Method
mcvol	151.980	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=C6277538&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/22-031-2/Acetic-acid-6-9h-hydrazinopurin-9-yl-hydrazide.pdf>

Generated by Cheméo on 2024-04-23 18:05:45.229521569 +0000 UTC m=+16184794.150098880.

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