

Purin-6-ol, 2-hydrazino

Inchi:	InChI=1S/C5H6N6O/c6-11-5-9-3-2(4(12)10-5)7-1-8-3/h1H,6H2,(H3,7,8,9,10,11,12)
InchiKey:	NWDPOWODSZWZBC-UHFFFAOYSA-N
Formula:	C5H6N6O
SMILES:	NNc1nc(O)c2[nH]cnc2n1
Mol. weight [g/mol]:	166.14
CAS:	6969-28-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.36		Crippen Method
logp	-1.138		Crippen Method
mcvol	108.140	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=C6969284&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/69-210-2/Purin-6-ol-2-hydrazino.pdf>

Generated by Cheméo on 2025-12-05 20:06:20.182244375 +0000 UTC m=+4713377.712285030.

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