

Piperazine, 2-methyl-1,4-dinitroso-

Other names:	2-Methyldinitrosopiperazine Piperazine, 1,4-dinitroso-2-methyl- Dinitroso-2-methylpiperazine 2-Methyl-dnpz 2-Methyl-N,N'-dinitrosopiperazine 2-methyl-1,4-dinitrosopiperazine
Inchi:	InChI=1S/C5H10N4O2/c1-5-4-8(6-10)2-3-9(5)7-11/h5H,2-4H2,1H3
InchiKey:	FGFXABWVPFHRID-UHFFFAOYSA-N
Formula:	C5H10N4O2
SMILES:	CC1CN(N=O)CCN1N=O
Mol. weight [g/mol]:	158.16
CAS:	55556-94-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.43		Crippen Method
logp	0.355		Crippen Method
mcvol	113.510	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=C55556940&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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