

Piperidine, 1,1'-dithiobis-

Other names:	Dipiperidino disulfide Piperidine, 1,1'-dithiodi- N,N'-Dithiobis(piperidine) 1,1'-Dithiodipiperidine Bispiperidino disulfide N,N'-Dipiperidino-disulfid 1,1'-Dithiobis(piperidine) Piperidine, 1,1-dithiobis- Piperidino disulfide
Inchi:	InChI=1S/C10H20N2S2/c1-3-7-11(8-4-1)13-14-12-9-5-2-6-10-12/h1-10H2
InchiKey:	FAEFMMUOKVKFBE-UHFFFAOYSA-N
Formula:	C10H20N2S2
SMILES:	C1CCN(SSN2CCCCC2)CC1
Mol. weight [g/mol]:	232.41
CAS:	10220-20-9

Physical Properties

Property code	Value	Unit	Source
chs	-7937.00 ± 19.00	kJ/mol	NIST Webbook
hsub	54.00	kJ/mol	NIST Webbook
log10ws	-3.68		Crippen Method
logp	3.170		Crippen Method
mcvol	182.700	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C10220209&Units=SI

Legend

chs:	Standard solid enthalpy of combustion
hsub:	Enthalpy of sublimation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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