

4,4'-Dithiodimorpholine

Other names:	Morpholine, 4,4'-dithiobis-Accel R Bismorpholino disulfide Dimorpholine disulfide Dimorpholino disulfide Disulfide, dimorpholino-Dithiobis(morpholine) Morpholine disulfide Morpholine, 4,4'-dithiodimorpholino disulfide N,N'-Bismorpholine disulfide N,N'-Dithiodimorpholine Sulfasan Sulfasan R USAF EK-T-6645 USAF B-17 4,4'-Dithiobis(morpholine) 4,4'-Dithiomorpholine N,N'-Dithiodimorpholin Sulfazan R 4,4'-Dimorpholine disulphide Akrochem accelerator R Dimorpholine N,N'-disulfide Morpholine, N,N'-disulfide Naugex SD-1 Vanax A Deovulc M NSC 65239 Sanfel R di(morpholin-4-yl) disulphide
Inchi:	InChI=1S/C8H16N2O2S2/c1-5-11-6-2-9(1)13-14-10-3-7-12-8-4-10/h1-8H2
InchiKey:	HLBZWYXLQJQBKU-UHFFFAOYSA-N
Formula:	C8H16N2O2S2
SMILES:	C1CN(SSN2CCOCC2)CCO1
Mol. weight [g/mol]:	236.35
CAS:	103-34-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.01		Crippen Method
logp	0.862		Crippen Method
mcvol	166.260	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=C103344&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

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